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to

Grass Species

Compiled by

AGNES CHASE

Honorary Fellow, Smithsonian Institution

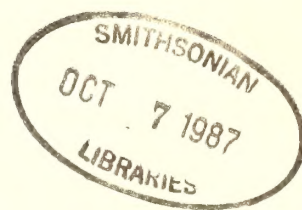
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E — Pan



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Eatonia annua Suked. West Amer. Sci. 15: 50. 1906.

1553 W. N. Sukendorf, June 8, 1897.

Dalles on Columbia River, Ore.

= *Sphenopholis obtusa* Man. U. S.

Eatonia aristata Scribn. & Merr. U. S. Dept. Agr. Div.

Agrost. Circ. 27: 7. 1900.

"South Carolina by A. H. Curtiss in 1875."

= *Sphenopholis pallens* Man. U. S.

Eatonia densiflora Fourn. Mex. Pl. 2: 111. 1886.

"Bejar (Berl. n. 1617)."

= *Sphenopholis obtusata* Man. U. S.

[Texas]

Eatonia dudleyi Vasey, Bot. Gaz. 11: 116. 1886; May.

Bull. Cornell Univ. 2: 126. 1886. May 20.

"Grows in open dry woods, from Michigan to Long Island, and Pennsylvania to North Carolina."

= *Sphenopholis nitida* Man. U. S.

Eatonia filiformis (Chapm.) Vasey, Bot. Gaz.

11: 117. 1886.

Based on "*E. pennsylvanica* var. *filiformis* Chapman."

= *Sphenopholis filiformis* Man. U. S.

Florida to South Carolina

Eatonia glabra Nash in Britton, Man. 1043. 1901.

"Type collected in Madison Co., Tenn., by S. M. Bain, Apr. 1893, no. 507."

= *Sphenopholis nitida* Man. U. S.

Eatonia hybrida Vasey ex Beal, Grasses N. Amer.

2: 491. 1896.

Alexandria, Va.

= *Sphenopholis filiformis* Man. U. S.

Eatonia intermedia Rydb. Bull. Torrey Club

32: 602. 1905.

P. A. Rydberg 3174, July 24, 1896. In herb. N. Y. Bot. Gard.

East Gallatin Swamps, Mont.

= *Sphenopholis intermedia* Man. U. S.

Eatonia longiflora Beal, Grasses N. Amer. 2: 494. 1896.

Based on "*E. pennsylvanica* var. *longiflora* Vasey

= *Sphenopholis longiflora* Man. U. S.

Texas

Eatonia nitida (Bieler) Nash, Bull. Torrey Club.

22: 511. 1895.

Based on *Aira nitida* Bieler

= *Sphenopholis nitida* Man. U. S.

Pennsylvania

Eatonia obtusata (Michx.) A. Gray, Man. ed. 2. 558.

1856.

Based on "*Aira obtusata* Michx."

= *Sphenopholis obtusata* Man. U. S.

South Carolina

Eatonia obtusata var. *purpurascens* Vasey ex Rydb. &

Shear, U. S. Dept. Agr. Div. Agrost. Bull.

5: 30. 1897.

"False Washita, Okla. Palmer 404. Nebraska, Shear 252, 252 $\frac{1}{2}$; Rydberg 2002; Kearney 271, also cited.

= *Sphenopholis obtusata* Man. U. S.

Eatonia obtusata var. *robusta* Vasey ex L. H. Dewey,

Contr. U. S. Nat. Herb. 2: 544. 1894.

"Western Texas [Wallisville, Wallis in 1881] to Arizona

= *Sphenopholis obtusata* Man. U. S.

Eatonia obtusata var. *robusta* Vasey ex Rydb. Contr.

U. S. Nat. Herb. 3: 190. 1895.

Mullen, Nebr. Rydberg 1807 [= ex Dewey 1894, but different type specimen]

= *Sphenopholis obtusata* Man. U. S.

Eatonia pallens (Spreng) Scribn. & Merr. U. S. Dept.

Agr. Div. Agrost. Circ. 27: 7. 1900.

Based on "*Aira pallens* Spreng."

= *Sphenopholis pallens* Man. U. S.

Penn.

Eatonia pennsylvanica (DC) A. Gray, Man. Ed. 2. 558.

1856.

Based on *Koeleria pennsylvanica* DC.

= *Sphenopholis nitida* Man. U. S.

Pennsylvania

Eatonia pennsylvanica var. *filiformis* Chapm. Fl.

South U. S. 560. 1860.

"Dry pine barrens, Florida to South Carolina." [Type, Chapman]

= *Sphenopholis filiformis* Man. U. S.

Eatonia pennsylvanica var. *longiflora* Vasey ex L. H.

Dewey, Contr. U. S. Nat. Herb. 2: 544. 1894.

Houston, Texas, Nealley in 1892.

= *Sphenopholis longiflora* (Vasey) Hitchc. Man. U. S.

Eatonia pennsylvanica var. *major* A. Gray, Man. ed. 2.

558. 1856.

"Presumably based on *Koeleria truncata* var. *major* Torr." A.S.H. Man. ed. 1. 1935. [Mass. Cooley]

= *Sphenopholis intermedia* Man. U. S.

Eatonia pubescens Scribn. & Merr. U. S. Dept. Agr.

Div. Agrost. Circ. 27: 6. 1900.

S. M. Tracy. Starkeville, Miss. April 30, 1891.

= *Sphenopholis obtusata* Man. U. S.

Eatonia purpurascens Raf. Journ. de Phys. 89: 104.

1819.

"dans les marais maritimes de New York."

= *Panicum virgatum* L. Man. U. S.

Eatonia robusta (Vasey) Rydb. Bull. Torrey Club, 32:

602. 1905.

Based on "*Eatonia obtusata* var. *robusta* Vasey... 1896."

= *Sphenopholis obtusata* Man. U. S.

Eccopilopus andropogonoides Steud. Syn. Fl. Glum.

1: 124. 1854.

"Ex Hrbo Musci Lugd. Batav. et Hrbr. Zollinger nr. 62. *Andropogon ootuliferum*. Thunb.? Japonia."

Java

Eccopilopus ootulifer (Thunb.) A. Camus, Ann. Soc.

Linn. Lyon 70: 1, 92. 1923.

Based on *Andropogon ootuliferum* Thunb.

Japan

Eccopilopus ootulifer var. *densiflorus* Ohwi, Acta

Phytotax. & Geobot. 11: 153. 1942.

"Hab.: Biukiu: Typus: Motobu, ins. Okinawa (T. Kana-shiro n. 940.)"

Eccopilopus ootulifer var. *sagittiformis* Ohwi, Acta

Phytotax. & Geobot. 11: 153. 1942.

"Hab. Formosa: Between Gani and Bibyu, Kizangun in Takaoshu (M. Tagawa, n. 1242)."

Eccopilopus ootulifer f. *sagittiformis* (Ohwi) Ohwi,

Fl. Japan 152. 1953.

Based on *E. ootulifer* var. *sagittiformis* Ohwi.

Japan

Eccopilopus formosanus A. Camus, Ann. Soc. Linn.

Lyon 70: 2, 93. 1923.

Based on *Spodiopogon formosanus* Rendle

Formosa (A. Henry 76)

Eccopilopus formosanus var. *tohoensis* (Hayata) Honda,

Bot. Mag. Tokyo 39: 267. 1925.

Based on *Spodiopogon tohoensis* Hayata

Mt. Tohozan Saraki in 1909.

Eccopilopus taiwanicus Honda, Bot. Mag. Tokyo 56: 15.

1942.

"Taiwan: Hokki, prov. Takao (S. Okamoto, no. 51, anno 1938 -- typus in Herb. Imp. Univ. Tokyo.)"

Eccopilopus tohoensis (Hayata) A. Camus, Ann. Soc.

Linn. Lyon 70: 2, 93. 1923.

Based on *Spodiopogon tohoensis* Hayata

Mt. Tohozan...Sasaki in 1909.

Echinolysium articulatum Kunth, Enum. Fl. 1: 391.

1833. Error in Ind. Kew. 2: 809. 1893.

"*Echinolysium* Trin." is cited as synonym of *Elytrophorus* Beauv. in Kunth, and "*E. articulatus* Beauv." cited by Kunth, refers to *Elytrophorus*, not to *Echinolysium* Trin.

= *Elytrophorus articulatus*

Echinolysium strictum Trin. Fund. Agrost. 142. 1820.

Based on "(*Daotylis spicata* Willd.)"

= *Elytrophorus articulatus*

[Malabar coast near Tangore]

India

Echinaria capitata (L.) Desf. Fl. Atlant. 2: 385. 1799.

[1800 given on title page]

Based on *Cenchrus capitatus* L.

Narbonnense, So. France

Eohinaria capitata var. *communis* Ces. Pass. & Gib.
Comp. Fl. Ital. 41. [1867]

"della Riviera ligure, dell'Italia centrale ed
infer. dell'Isola e Sicilia (?)."

Italy - Sicily

Eohinaria capitata f. *elata* Maire & Weiller, Fl.

Afr. Nord. 3: 15. 1955.

"Type de l'espèce."

Eohinaria capitata var. *pumila* Willkomm, ex Willk. &
Lange, Prod. Fl. hisp. 1: 42. 1861.

Based on "E. *pumila* Willk."

Montis Sierra de Yunquera.

Prolongo, Spain.

Eohinaria capitata f. *pumila* (Willk.) Maire & Weiller,
Fl. Afr. Nord. 3: 15. 1955.

Based on E. *pumila* Willk.

Spain

Eohinaria capitata f. *pumila* (Willk.) Maire & Weiller,
Bull. Soc. Sci. Naturel. et Physiques Maroc.
37: 145. 1957.

Au Djebel Laugarine---Tunis.

Eohinaria capitata var. *Todaroana* Ces. Pass. & Gib.
Comp. Fl. Ital. 41. [1867]

"Villafrate in Sicilia."

Eohinaria pumila Willk. Bot. Zeit. 6: 415. 1848.

"Hab. in regione alpina montis Sierra de Yunquera.
Prolongo."

Spain

Eohinochloa aristifera (Peter) Robyns & Tournay, Fl.
Spermat. Faro Nat. Albert 3: 93. 1955.

Based on *Panicum aristiferum* Peter.

"West Usambara: Mombo → Makuyuni"

"Peter 40689b" Tanganyika

Africa

Eohinochloa barbata Vanderyst, Bull. Agr. Congo
Belge 10: 245. 1919.

"region agricole du Bas-Kasai."

Congo-Africa

Eohinochloa caudata Roshev. Acta Inst. Bot. Acad.
Sci. U.R.S.S. I. 2: 91. 1936.

"E. *crusgalli* var. *longisetia* auct. Fl. Sibir. or.
ex parte

"Siberia orientalis: Dahuria, in valle fl. Argun,
1931, P. Obozirmnikov."

Eohinochloa coarctata (Stev.) Koss. Notulae Syst. ex
Herb. Inst. Bot. Komarovii Acad. Sci. Uss. 9: 28.
1941. [not in Ind. Kew.]

Hab. in agris oryzaceis
As syn. of *Panicum crusgalli* L.

Caucasus----Asia
Media----Iran----Afghanistan, Aegyptus--
Italia----Hispania----China borealis (prov. Kansu);
India orient---, Ins. Ceylon.

Eohinochloa coarctata var. *atropurpurea* Koss. Notulae
Syst. ex Herb. Inst. Bot. Komarovii Acad. Sci.
Uss. 9: 38. 1941.

Spec. typ.: Herb. Inst. Bot. Ac. Sc. URSS.
Kasakhstan, Solo-tube, in oryzetis, 20. VIII. 1934.
J. Kossenko.

Eohinochloa coarctata var. *elatior* Koss. Notulae Syst.
ex Herb. Inst. Bot. Komarovii Acad. Sci. Uss.

9: 38. 1941.

Spec. typ.: Herb. Inst. Bot. Ac. Sc. URSS.
Kasakhstan, Ush-tobe in oryzetis. 28. VIII. 1934.
S. Kossenko.

Eohinochloa coarctata var. *ferax* Koss. Notulae Syst.

ex Herb. Inst. Bot. Komarovii Acad. Sci. Uss.

9: 32. pl. 4. 1941.

"Spec. typ.: Herb. Inst. Bot. Ac. Sc. URSS.
Kasakhstan, Ush-tobe---28. VIII. 1934. J. Kossenko

f. *aristata* Koss. } same var. names sub var.
f. *subaristata* Koss. } nom. nud. (macrocarpa,
f. *mutica* Koss. } (l.c. 32. 1941.)

Eohinochloa coarctata var. *macrocarpa* Koss. Notulae
Syst. ex Herb. Inst. Bot. Komarovii Acad. Sci.
Uss. 9: 32. pl. 3. 1941.

f. *aristata* Koss. 9: 32. 1941.
f. *subaristata* Koss. same var. names sub.
f. *mutica* Koss.

var. *ferax*

"Spec. typ.: Herb. Inst. Bot. Ac. Sc. URSS. *Panicum*
coarctatum Stev. Kislar (N. Caucasus, Daghestan."

Eohinochloa coarctata var. *microcarpa* Koss. Notulae

Syst. ex Herb. Inst. Bot. Komarovii Acad. Sci.

Uss. 9: 30. f. 2. 1941.

Eohinochloa coarctata var. *tenuis* Koss. Notulae Syst.

ex Herb. Inst. Bot. Komarovii Acad. Sci. Uss.

9: 38. 1941.

Spec. typ.: Herb. Inst. Bot. Ac. URSS. Azerbaidzhan,
Lenkoran, in oryzetis, 25, VIII. 1931. Vasinger.
Alektorova.

Eohinochloa colona [um] (L.) Link. Hort. Berol.

2: 209. 1833.

Based on *Panicum colonum* L.

[Jamaica] Patrick Browne Man. U. S.

Eohinochloa colona var. *arabica* (Nees) Chevalier, Rev.

Bot. Appl. 13: 901. 1933.

Presumably based on *Panicum arabicum* Nees

Cult. in Egypt

Eohinochloa colonum var. *frumentaceum* (Roxb.) Bidl.

Fl. Malay Pen. 5: 223. 1925.

Presumably based on *Panicum frumentaceum* Roxb.

[Malay Peninsula]

Cult?

(Sickenb.)
Eohinochloa colona var. *glaucum* (Nees) Simps. Min.

Agr. Egypt. Bull. 93: 10. 1930.

Cites: "P[anicum] *colonum* var. *glaucum* (Nees)
Sickenb. N[ile] D[elta] E[gypt] 40401 Giza, 4992
[Simpson, Coll.]

[Could not locate any Nees. See P. *colonum* var.
glaucum Sickenb.]

(V. & G. Tackh. Egypt. Univ. Faculty Sci. Bull.
no. 17: 448. 1941 credit the above to Sack, 1901.
It is under *Panicum* in Sickenb.)

Egypt

Eohinochloa colona var. *glomerulosum* Lojac. Fl. Sicul.

3: 268. 1909.

"Sicilia in Herb. Pan!"

Italy

Eohinochloa colonum var. *leianthum* Boiss. Fl. Orient.
5: 436. 1884.

"P. *arabicum* Nees in Steud. Syn. Gram. p. 63."

"Hab. in Egypto prope Alexandria (Duparq!), in
Egypto superiore (Boiss!)"

Eohinochloa colona var. *repens* (Sickenb.) Simps. Min.

Agr. Egypt Bull. 93: 10. 1930.

Based on P. *colonum* var. *repens* Sickenb.

(V. & G. Tackh. Egypt. Univ. Faculty Sci. Bull.
No. 17: 448. 1941 credit the above to Sack, 1901)
It is under *Panicum* in Sickenb.

Egypt

Eohinochloa colona var. *zonalis* (Guss.) Woot. & Standl.

N. Mex. Coll. Agr. Bull. 81: 45. 1912.

Based on [*Panicum zonale* Guss.]

New Mexico

= E. *colonum* Man. U. S.

Eohinochloa commutata Schult. Mant. 2: 267. 1824.

M[arsh]-a-B[ieb.]---sub *Panicum stagninum* ut Host,
Gram. Aust. 3: t. 51.---

Europe

Eohinochloa composita Presl "in Haenck. Herb." ex

Nees, Agrost. Bras. 259. 1829, as syn. of *Panicum*
crus pavonis (H.B.K.) Nees ? in Nees.

Venezuela

Eohinochloa crusoovii (L.) Beauv. Ess. Agrost. 53,

161, 169. 1812.

Based on *Panicum crusoovii* L. [no loc. cited]

Eohinochloa crusgalli (L.) Beauv. Ess. Agrost. 53,

161, 169. pl. 11. f. 2. 1812.

Based on *Panicum crusgalli* L.

Europe. Cult. Va. Man. U. S.

Eohinochloa crusgalli var. *angustifolia* (Doell)

Podpera, Květena Moravy 6: 475. 1926; Acta Soc.

Sci. Nat. Morav. 2: 745. 1926.

Based on *Panicum crusgalli* var. *angustifolium*
Doell.

Germany

Eohinochloa crus-galli var. *aristata* S. F. Gray, Nat.

Arr. Brit. Fl. 2: 158. 1821.

No loc. [Great Britain]

Eohinochloa crusgalli var. *aristata* Reichenb. Icon.

Fl. Germ. Helv. 1: pl. 29. f. 1412. 1834, nom.

seminud.

Cites: "Rohb. Fl. Germ. n. 126 var. β "

Germany

Eohinochloa crusgalli var. *aristata* Opiz ex Bercht.

Oekon.-Tech. Fl. Bohem. 1: 495. 1836.

"E. *crusgalli* var. *locustis aristatis* Presl, fl.
Bohio. p. 16. n. 109.

a) *erecta* Opiz ex Bercht. l.c.

b) *humifusa* ex Bercht. l.c.

Bohemia

Echinochloa crusgalli var. *aristata* f. *breviset*a
(Doell) Pinto da Silva, Agron. Lusitana (Portugal)
2: 227. 1940.

Based on *Panicum crusgalli* var. *brevisetum* Doell
Germany

Echinochloa crus-galli var. *aristata* f. *longiseta*
(Doell) Pinto da Silva, Agron. Lusitana (Portugal)
2: 227. 1940.

Based on *Panicum crusgalli* var. *longisetum* Doell
Germany

Echinochloa crusgalli var. *austro-japonensis* Ohwi,
Acta Phytotax. & Geobot. 11: 38. 1942.

"Hab. Biukiu (ins. Okinawa), Formosa (Tomitacho in
Taihoku, T. Tanaka n. 11113, typus)."

Okinawa; Formosa Japan

Echinochloa Crus-galli var. *bealanensis* A. Camus, Bull.
Soc. Bot. France 107: 208. 1960.

©

Madagascar. Centre (N): Marais de Bealanana, bord des
rizières; alt. 1100 m. Humbert et Capuron 25,398.

"Anmus."

"---très robuste---Cette curieuse variété a quelque
analogie avec l'*E. walteri* (Farsh) Heller; son nom
vernaculaire est Karengy."

Echinochloa crusgalli var. *breviseta* (Doell) Podpéra,
Květena Moravy 6: 475. 1926; Acta Soc. Sci. Nat.
Morav. 2: 745. 1926.

Based on *Panicum crusgalli* var. *brevisetum* Doell
"Host, Gram. austr. II. t. 19. Reichenb. Icon.
1141 cited.

Germany

Echinochloa crusgalli var. *caudata* (Roshevitz) Kita-
gawa, Rep. Inst. Sci. Res. Manchukuo 3 (App. 1):
73. 1939.

Based on: *Echinochloa caudata* Roshevitz
Siberia

Echinochloa crus-galli var. *caudata* f. *Kanashiroi*
Ohwi, f. nov. Acta Phytotax. & Geobot. XI: 38. 1942.
Folius puberulis.
Typus: Peking: Winter Palace (Dorsett et Morse, n.
5568).

Echinochloa crusgalli var. *caudata* f. *viridissima*
(Honda) Kitagawa, Rep. Inst. Sci. Res. Manchukuo
3 (App. 1): 73. 1939.

Based on: *Echinochloa crusgalli* ssp. *genuina* var.
viridissima Honda.

China

Echinochloa crusgalli ssp. *colona* (L.) Honda, Bot.
Mag. Tokyo 37: 122. 1923.

Based on *Panicum colonum* L.
Jamaica

Echinochloa crusgalli ssp. *colona* var. *edulis*
(Hitcho.) Honda, Bot. Mag. Tokyo 37: 123. 1923.

Based on *Echinochloa crusgalli* var. *edulis* Hitcho.
= *E. crusgalli* var. *frumentacea* Man. U. S.
Cult. India

Echinochloa crusgalli var. *cruscorvi* (Dum.) Mathieu,
Fl. General Belg. 1: 585. 1855.

Based on *Oplismenus crus-corvi* Dum.

[This presumably based on *Panicum cruscorvi* L.
Europe?]

Echinochloa crusgalli var. *crus-pavonis* (H.B.K.)
Hitcho. Contr. U. S. Nat. Herb. 22: 148. 1920.

Based on *Oplismenus crus-pavonis* H.B.K.

= *Echinochloa crus-pavonis* (H.B.K.) Schult.
Venezuela Man. U. S.

Echinochloa crusgalli var. *echinatum* ("Trin." Willd.)
Honda, Bot. Mag. Tokyo 37: 120. 1923, based on
"Panicum echinatum Trin." 1826--Trinius cites Willd.
as authority.

Based on *Panicum echinatum* Willd.

? = *Echinochloa crusgalli* (L.) Beauv.

Man. U. S. see ed. 2. p. 857

America meridionale

Echinochloa crus-galli var. *echinatum* (Willd.)

Chevalier, Rev. Bot. Appl. 13: 902. 1933.

(made by q.v.)

Honda, Bot. Mag. Tokyo 37: 120. 1923, based on
"Panicum echinatum Trin. 1826" Trin. gives Willd.
as authority.

Based on *P. echinatum* Willd.

? = *Echinochloa crusgalli* (L.) Beauv.

Man. U. S. see ed. 2. p. 857.
America meridionale

Echinochloa crus-galli ssp. *edulis* (Hitcho.) Honda,

Journ. Fac. Sci. Univ. Tokyo Sect. III, Bot.

3: 266. 1930.

Based on *Echinochloa crusgalli edulis* Hitcho. which
is based on *Panicum frumentaceum* Roxb.

Cult. India

Echinochloa crusgalli var. *edulis* Hitcho. U. S. Dept.
Agr. Bull. 772: 238. 1920.

(trinomial)
In revised edition: Bull. 772: 249. 1936 it is men-
tioned thus, "Echinochloa crusgalli var. *frumenta-*
cea (Roxb.) Wight (var. *edulis* Hitcho.) is a form
that has been cultivated in tropical Asia for the
seeds."

Based on "Panicum frumentaceum Roxb. 1820. Not
Salisb., 1796."

Echinochloa crus-galli ssp. *edulis* var. *aristata*
Honda, Journ. Fac. Sci. Univ. Tokyo Sect. III,
Bot. 3: 267. 1930.

"Hab. Hondo: circa Takayama, prov. Hida colitur
(M. Honda, anno 1925)."

Japan

Echinochloa crusgalli var. *elata* Grun. Bull. Soc.
Nat. Moscou 42: 141. 1869.

"In dextro ad konkam flum. olivo ad occid. versus
a foro Grigorjewka rara."

Rossiae australis]

Echinochloa crus-galli var. *formosensis* Ohwi, Acta
Phytotax. & Geobot. 11: 38. 1942.

"Typus: Formosa: Taihoku, leg. J. Ohwi n. 2137."

Echinochloa crusgalli ^{var.} *frumentacea* (Roxb.) W. F. Wight,
Suppl. Cent. Diet. 810. 1909.

[Camus in Lecomte, Fl. Gén. Ind. Chin. 7: 426. 1922
gives description. A.S.H. uses Wight reference in
Manual, but publishes it as var. here with the note
"Published as *E. crusgalli frumentacea*" by Wight.]

Presumably based on *Panicum frumentaceum* Roxb.

India. Introd. experimentally in U. S.
Valid var. in Manual U.S.

Echinochloa crusgalli ssp. *genuina* Honda, Bot. Mag.
Tokyo 37: 120. 1923.

Based on "Panicum crusgalli var. *genuinum* Hack.
ex Matsumura" 1897.

Japan

Echinochloa crusgalli ssp. *genuina* var. *echinata*
(Trin.) Honda, Bot. Mag. Tokyo 37: 120. 1923.

Based on *Panicum echinatum* Trin. which Willd.,
cited as author, by Trin.; misapplied by Honda.

Amer. Merid.

Echinochloa crusgalli ssp. *genuina* var. *typica* Honda,
Bot. Mag. Tokyo 37: 120. 1923.

Japan

Echinochloa crus-galli ssp. *genuina* var. *viridissima*
Honda, Rep. First Sci. Exped. Manchouk. Bot.
42: 12. f. 3. 1935.

"Hab. Ch'êng-tê (Nakai, Honda & Kitagawa Aug. 20,
1933--Typus

Manchuria China

Echinochloa crus-galli var. *hispida* (Muhl.) Farwell,
Amer. Midl. Nat. 9: 4. 1925.

Based on *Panicum hispidum* Muhl.

= *Echinochloa walteri* Man. U. S.

New York to Carolina

Echinochloa crus-galli var. *hispida* subv. *laevigata*
(Wiegand) Farwell, Amer. Midl. Nat. 9: 4. 1925.

Based on *E. walteri* forma *laevigata* Wiegand which
is based on *Panicum longisetum* Torr.

Wisconsin: Fox River [Douglass in 1820]

= *E. walteri* f. *laevigata*. Man. U. S.

Echinochloa crusgalli var. *hispida* subv. *laevigata*
f. *longiseta* Farwell, Amer. Midl. Nat. 9: 4. 1925.

"but the upper glume in forma *longiseta* (Belle Isle,
No. 1881, Sept. 15, 1904) is very long acuminate or
very shortly awned, a transition connecting this
variety with the species."

= *E. walteri* f. *laevigata* Man. U. S.

Echinochloa crus-galli ssp. *hispidula* (Retz.) Honda,
Journ. Fac. Sci. Univ. Tokyo Sect. III, Bot.
3: 267. 1930.

(comb. made also by Keng, Contr. Biol. Lab. Sci.
Soc. China Bot. Ser. 10: 196. 1936)

Based on *Panicum hispidulum* Retz.

= *E. hispidula* (Retz.) Keng

Ind. or (Konig)

Echinochloa crusgalli var. *Hostii* (Bieb.) Podpéra,
Květena Moravy 6: 475. 1926; Acta Soc. Sci. Nat.
Morav. 2: 745. 1926, descr. Czechoslovakian.

Made also by Chevalier, Rev. Bot. Appl. 13: 902.
1933.

Based on *Panicum Hostii* Bieb.

Echinochloa crusgalli var. *intermedia* Kossenko, Not.
Syst. Herb. Inst. Bot. Komarov Acad. Sci. U.R.S.S.
11: 45. pl. 5, 6. f. b. 1949.

Typus. Herb. Inst. nom. V. L. Komarovii Ac. Sc.
U.S.S.R. Uzbekistania, Samarkand, in oryzetis; leg.
Alieva, 19 VIII 1931.

Asia

Echinochloa crusgalli var. *kasaharae* Ohwi, Fl. Japan
150. 1953. Desor. in Japanese only; in Latin,
Bull. Nat. Sci. Mus. Tokyo 28: 67. 1953.

"Shikoku: Kochi, leg. Y. Kasahara, N.S.H.
no. 86615."

Japan

Echinochloa crus-galli var. (?) *laounarium* (F. Muell.)
Hughes, Kew Bull. Misc. Inf. 1923: 320. 1923.

Based on *Panicum laounarium* F. Muell.

Australia

Echinochloa crusgalli f. *longiseta* (Trin.) Farwell,
Mich. Acad. Sci. Rep. 21: 349. 1920. Not var.
(Doell Podpěra 1926 on *P. crusgalli* v. *longisetum*
Doell.

Based on *Panicum crusgalli* var. *longisetum* Trin.
[Astrakhan, Russia]

Unidentified Man. U. S.

Echinochloa crusgalli var. *longiseta* (Doell) Podpěra,
Květena Moravy 6: 475. 1926; Acta Soc. Sci. Nat.
Morav. 2: 745. 1926. Not Hara 1938. Desor.
Czechoslovakian

Based on *Panicum crusgalli* var. *longisetum* Doell
Germany

Echinochloa crusgalli var. *longiseta* (Trin.) Hara,
Bot. Mag. Tokyo 52: 231. 1938. Not Podpěra 1926!
Same comb. made by Farwell 1920.

Based on *Panicum crusgalli* var. *longiseta* Trin.
Astrakhan Russia

Echinochloa crusgalli var. *lutescens* Podpěra, Květena
Moravy 6: 476. 1926; Acta Soc. Sci. Nat. Morav.
2: 746. 1926. Desor. Czechoslovakian
"Kroměříž: Strabenice u Litence (Fr. Nábělek)!"
Czechoslovakia

Echinochloa crusgalli var. *macera* (Wieg.) Shinnars,
Rhodora 56: 34. 1954.

Based on *Echinochloa zelayensis* var. *macera* Wiegand
Rhodora 23: 54. 1921.

= *E. crusgalli* var. *mitis* Man. U.S.

Echinochloa crusgalli var. *macrocarpa* (Vasing.) Ogwi,
Journ. Jap. Bot. 18: 541. 1942.

Based on "*Echinochloa macrocarpa* Vasing."

"Asia media, Tadshikistania, district. Kokand in
oryzetis prope pagum Voruch. 30 VII 1913, leg.
Z. Minkwitz."

Mongolia

Echinochloa crusgalli var. *Michauxii* House, N. Y.
State Mus. Bull. 243-244: 42. 1923.

Based on *Panicum muricatum* Michx.

= *Echinochloa crusgalli* Man. U. S.

Canada

Echinochloa crusgalli var. *microstachya* (Wiegand)
Shinnars, Spring Fl. Dallas-Ft. Worth, Texas 56. 1958

Based on *E. muricata* var. *microstachya* Wiegand, 1921.

= *E. crusgalli* var. *mitis* (Pursh) Peterm.
Man. U.S. p. 858 ed. 2.

Echinochloa crus-galli var. *mitis* (Pursh) Peterm. Fl.
Lips. 82. 1838.

Based on *Panicum crus-galli* ^{var.} *mitis* Pursh

Man. U. S.
N. Amer.

Echinochloa crusgalli ssp. *muricata* (Michx.) Shinnars,
Rhodora 56: 33. 1954.

Based on *Panicum muricatum* Michx.

= *Echinochloa crusgalli*

Lake Champlain

Echinochloa crusgalli var. *muricata* (Michx.) Farwell,
Mich. Acad. Sci. Rep. 21: 350. 1920.

Based on *Panicum muricatum* Michx.

= *E. crusgalli* Man. U. S.

Echinochloa crusgalli ssp. *mutica* (Meyer) var. *typica*
Honda, Bot. Mag. Tokyo 37: 121. 1923.

= subsp. *mutica*

Asia

Echinochloa crusgalli var. *mutica* K. Koch, Linnaea
21: 436. 1848, without descr.

"Auf Grusien von K. Schmidt und Wilhelms beobachtet:
von mir an den Ufern des Pferdeflusses in Mingre-
lien, auf kalkiger Unterlage...und im Tschurukge-
biete auf Porphyrboden." Old World

Europe

Echinochloa crusgalli var. *mutica* (Ell.) Rydb. Colo.
Agr. Exp. Sta. Bull. 100: 21. 1906.

Presumably based on *Panicum crusgalli* var.
muticum Ell.

= *Echinochloa crusgalli* var. *mitis*

Echinochloa crus-galli var. *mutica* Woot. & Standl.
New Mex. Coll. Agr. Bull. 81: 45. 1912. Not K.
Koch, 1848, nom. only. [Presumably same as
Rydb. 1906]

"the variety *mutica* with awns about 7/8 of an inch
long is a very common field weed especially on
fallow lands which get flooded. Most common in
the Lower Sonoran Zone."

[New Mexico]

Echinochloa crusgalli var. *muticum* (Sickenb.) Sims.
Min. Agr. Egypt Bull. 93: 10. 1930.

Based on *Panicum crusgalli* var. *muticum* Sickenb.
without descr.

"N. Guizeh"

"N" = Region Nilotique Egypt Afr.

Echinochloa crusgalli var. *oryzacea* Kossenko, Not.
Syst. Herb. Inst. Bot. Komarov Acad. Sci. U.R.S.S.
11: 45. pl. 6. f. o. 1949.

Typus Herb. Inst. Bot. nom. V. L. Komarovii Ac.
Sc. U.S.S.R. Herb. Maire, Yunnan septentrionalis
et centralis, No. 1930, sub *Panicum*.

China

Echinochloa crus-galli var. *oryzicola* (Vasing) Ohwi,
Acta Phytotax. & Geobot. 11: 38. 1942, without
descr.

Based on *Panicum oryzicola* Vasing in obs. in
Russian.

Eastern Asia

Echinochloa crusgalli var. *oryzoides* (Ard.) Lindm.
Svensk. Phanerogamfl. 69. 1918.

Based on "[*Panicum*] Ard." [*Panicum oryzoides* Ard.]

Echinochloa crusgalli var. *pauciflora* (Aschers. &
Graebn.) Podpěra, Květena Moravy 6: 475. 1926;
Acta Soc. Sci. Nat. Morav. 2: 745. 1926, descr.
Czechoslovakian.

Based on *P. crusgalli* II *pauciflorum* Aschers. &
Graebn.

Europe

Echinochloa crus-galli var. *pratensis* Ohwi, Acta
Phytotax. & Geobot. 11: 37. 1942.

"*Panicum crus-galli* var. *submuticum* (non Mey.) Hack.
in Bull. Herb. Boiss. 7(1899) 644 et Auct. fl.
Japon." cited. Hackel cites: "Mey. Chl. Hannover."
in this work without descr. and the 2 *Paurie* speci-
mens 1166 and 1343." [? Meyer misappl. by Hackel.]
Ohwi gives: "Hab.: Japonia, satis frequens."
Typus: Kiushiu: m. Kujusan (leg. U. Paurie n. 2646)

*description

Japan

Echinochloa crusgalli var. *pumila* Grun. Bull. Soc.
Nat. Moscou 42: 141. 1869.

"in reg. demissa ad Borysthenem passim."

Rossiae australis]

Echinochloa crusgalli f. *purpurea* (Pursh) Farwell,
Mich. Acad. Sci. Rep. 21: 349. 1920.

Based on *Panicum crusgalli* var. *purpureum* Pursh
= *E. crusgalli* var. *mitis* Man. U. S.

Echinochloa crus-galli var. *riukiensis* Ohwi, Acta
Phytotax. & Geobot. 11: 38. 1942.

"Typus: Riukiu: ins. Iriomote, leg. G. Koidzumi"

Echinochloa crusgalli f. *sabulonum* Farwell, Mich.
Acad. Sci. Rep. 21: 349. 1920.

"*Panicum crusgalli* var. *sabulonum* Trin." Error for
var. *sabulicolum* Trin. pl. 163.

= *E. crusgalli* var. *mitis* (H.B.K.) Schult Man. U. S.

Brasil

Echinochloa crus-galli var. *sieberiana* (Aschers. &
Schweinf.) Chevalier, Rev. Bot. Appl. 13: 902. 1933.

Presumably based on *Panicum crusgalli* var. *Sieberi-*
ana Aschers. & Schweinf.

Egypt

Echinochloa crusgalli var. *stagnina* Griseb. in Ledeb.
Fl. Ross. 4: 473. 1853.

Panicum stagnina Stev. Mém. de la Soc. des Natur.
Mosc. III. 251, no description.
Griseb: "*panicula simpliciori*, speculis duplo-
majoribus."

Russia

Echinochloa crusgalli var. *stoloniferum* (Schweinf. &
Muschl.) Chevalier, Rev. Bot. Appl. 13: 902. 1933.

Presumably based on *Panicum crusgalli* var. *Stoloni-*
ferum Schweinf. & Muschl.

Egypt

Echinochloa crusgalli ssp. *submutica* (Meyer) Honda,
Bot. Mag. Tokyo 37: 121. 1923.

Based on *Panicum crusgalli* var. *submuticum* Meyer.
[Asia] Asia nom. nud.

Echinochloa crusgalli var. *submutica* G. Meyer,
Chloris Hanov. 648. 1836, without description.

[Göttingen. Germany]

Echinochloa crusgalli var. *submutica* Opiz ex Bercht.
Oekon.-Tech. Fl. Bohem. 1: 494. 1836.

Bohemia

Echinochloa crusgalli var. *submuticum* Neileich, Fl.
Nieder-Oesterr. 31. 1859.

[Austria]

Echinochloa crusgalli var. *submutica* (Meyer) Kitagawa,
Rep. Inst. Sci. Res. Manchukuo 3 (App. 1): 73. 1939.

Based on *Panicum crusgalli* var. *submuticum* Meyer
Manchuria? Asia

Echinochloa crusgalli ssp. *submutica* var. *hispidula*
(Retz.) Honda, Bot. Mag. Tokyo 37: 122. 1923.

Based on *Panicum hispidulum* Retz.

= *Echinochloa hispidula* (Retz.) Keng.

India Konig.

Echinochloa crusgalli var. *violaceum* Podpěra, Květena
Moravy 6: 476. 1926; Acta Soc. Sci. Nat. Morav.
2: 746. 1926, descr. Czechoslovakian.

"Kroměříž:....Roštěnem a Těšánkami (Fr. Nábolek)!"
Czechoslovakia

Echinochloa crusgalli f. *vittata* Hubbard, Rhodora
18: 232. 1916.

"New Brunswick, Hubbard 763."

= *E. crusgalli* Man. U. S.

Echinochloa crusgalli ssp. *zelayensis* (H.B.K.)
Shimmers, Rhodora 56: 33. 1954.

(*Oplismenus zelayensis* H.B.K. Nov. Gen. 1: 108.
1815)

= *E. crusgalli* var. *zelayensis*

Mexico

Echinochloa crusgalli *zelayensis* (H.B.K.) Hitchc.
U. S. Dept. Agr. Bull. 772: 238. 1920.
[Made forma by Farwell] 1941.

Based on *Oplismenus zelayensis* H.B.K.

Mexico

Echinochloa crusgalli f. *zelayensis* (H.B.K.) Farwell,
Mich. Acad. Sci. Papers 26: 4. 1941.

Based on *Oplismenus zelayensis* H.B.K.

= *Echinochloa crusgalli* var. *zelayensis*

Mexico

Echinochloa orus-pavonis (Humb. & Bonpl.) Schult.
Ment. 2: 269. 1824.

Based on "*Oplismenus orus-pavonis* H. et B."

Venezuela

Echinochloa orus-pavonis var. *decipiens* (Wiegand)
Fassett, Rhodora 51: 3. 1949.

Based on *E. echinata* var. *decipiens* Wiegand
[Fringie 8480 Mex.]

Echinochloa cubensis (Spreng.) Schult. Mant. 3 (Add.
1): 596. [1827]

Based on *Orthopogon cubensis* Spreng.

= *Oplismenus hirtellus* Man. U. S.

Cuba

Echinochloa disticha St. Lager in Cariot, Etud.
Fleurs ed. 8. 2: 894. 1889.

Based on "*Panicum Crus-galli* L."

Europe

Echinochloa divaricata Anderss. in Peters, Reise
Mossamb. Bot. 549. 1864.

"Standort: In sandig-erdigen feuchten Ebenen bei
Tette, 17° S. B., 120 Meilen von der Seeküste."
[Peters 1842-48] from title

Africa

Echinochloa ? *dubia* Roem. & Schult. Syst. Veg.
2: 479. 1817.

"In Coromandel."

India

Echinochloa echinata Beauv. Ess. Agrost. 53, 161, 169.
1812.

Based on "*Panicum echinatum* Willd."

[This species has not been identified. See Man.
Grasses U. S. ed. 2. 1951. p. 857.

Amer. merid.

Echinochloa echinata ("Trin.") Nakai, Bull. Nat. Sci.
Mus. 31: 137. 1952, not Beauv. 1812.

Based on "*Panicum echinatum* Trin." Trin. did not
publish *Panicum echinatum*. In Gram. Pan. "Willd."
is given as authority. In Icones 2: pl. 162 Trin.
figures *Echinochloa* as "*Panicum* or. gal. *echinatum*"
on the plate and "*Panicum crusgalli* var. *longiseta*"
Panicum echinatum Tr. Diss. II p. 137. "In this
(= Trin. Gram. Pan.) 1826 p. 137. "Willd." is
given as authority for *Panicum echinatum*"

See card for *Panicum echinatum* Willd. err. det.
Trin. 1826.

See Hitchcock, Man. Grasses U. S. ed. 2: 857. 1951.
for *Panicum echinatum* Willd.

Echinochloa echinata var. *decipiens* Wiegand, Rhodora
23: 60. 1921.

"Central Mexico: Zamora, Michoacan, 1901, C. G.
Fringie, no. 8480 (Type in Gray Herb.)."

= *E. crusgalli* var. *oruspavonis* A.S.H. 1920.

Echinochloa elephantipes Nees, in Mart. Reise Bras.
3: 1123. 1831, no descr.

Mentioned as food of *Lamantia* (= *Manati*) in Amazon.

Echinochloa equitans (Hochst.) C.E. Hubb. in Troupin,
Expl. Parc Nat. Garamba 4: 33. 1956.

Based on *Panicum equitans* Hochst ex Rich.

Abyssinia

T

Echinochloa erucoformis K. Koch, Linnaea 21: 437.
1848.

Based on "*Panicum erucoforme* Sm. & Sibth."

= *Brachiaria erucoformis*

[Samos Isl., Greece]

Echinochloa erythrosperma Vahl in Roem. & Schult.
Syst. Veg. 2: 477. 1817. "Vahl Manuscr."

"*Panicum erythrospermum* Hornem." cited.

No locality cited

Echinochloa frumentacea (Roxb.) Link, Hort. Berol.
1: 204. 1827.

Based on "*Panicum frumentaceum* Roxb."

= *E. crusgalli* var. *frumentacea*

Cult. India

Echinochloa frumentacea var. *atherachne* Ohwi, Acta
Phytotex. & Geobot. 11: 39. 1942, without descr.

Cites: "*E. crusgalli* subsp. *edulis* var. *aristata*
Honda non *E. crusgalli* var. S. F. Gray 1821, neo
Reichb."--
"*Panicum Crus-galli* var. *frumentaceum* forma *arista-*
tum (Honda) Makino, Illustr. Fl. Nipp. (1940) 836,
in nota, non *P. Crus-galli* var. *aristatum* Pursh,
1814."

[no description] Japanese characters and synonyms.
Japan

Echinochloa frumentacea var. *violacea* Vanderyst,
Bull. Agr. Congo Belge 10: 244. 1919.

"region agricole du Bas-Kasai."

Africa

Echinochloa glabrescens Munro in Hook.f. Fl. Brit. Ind.
7: 31. 1896.

"It is Wallich's n. 8687 E.B.C.H.* and has been col-
lected in the Western Himalaya, Khasia Hills and else-
where."

[published as "*E. glabrescens* (Munro) Kossenko, Not.
Syst. Herb. Inst. Komarov Acad. Sci. U.R.S.S. 11: 40.
pl. 2. 1949. Basis not cited.]

India

* *E.* = Rohlkind ad Kornohpur Apr. 1825.
B. = *Panicum confortum* Röhl. I'de herbar
C. = Hb. Finlagron?
H. = Tavoy W. Gomez, Sept. 1827.

Echinochloa glabrescens var. *barbata* Kossenko, Syst.
Herb. Inst. Bot. Komarov Acad. Sci. U.R.S.S. 11:
42. 1949.

"Typus Herb. Hort. Bot. Reg. Kew W. Himalaya, Sacha-
rampour, Sub *Echinochloa frumentacea* Linn, leg.
J. F. Duthie." India

Echinochloa glabrescens var. *glabra* Kossenko, Syst.
Herb. Inst. Bot. Komarov Acad. Sci. U.R.S.S.
11: 42. 1949.

"Typus Herb. Inst. Bot. nom. V. L. Komarovii Ac. So.
U.S.S.R. Herb. propr. E. Maire; China, prov.
Yunnan, Legat E. Maire, 1904-1910."

Echinochloa glabrescens var. *pilosa* Kossenko, Not.
Syst. Herb. Inst. Bot. Komarov Acad. Sci. U.R.S.S.
11: 42. pl. 2. 1949.

"Typus Herb. Inst. Bot. nom. V. L. Komarovii Ac. So.
U.S.S.R. Herb. Maire, no. 7105, 1909-1911.
Yunnan septentrionalis et centralis. Song-Schouan,
sub *Panico*."

China

Echinochloa guadeloupensis (Haek.) Wiegand, Rhodora
23: 63. 1921.

Based on "*Panicum spectabile* var. *guadeloupense*
Haek.)."

= *E. pyramidalis* (Lam.) Hitchc. Man. W. I.

Guadeloupe, Duss n. 3176.

Echinochloa haploclada (Stapf) Stapf in Prain, Fl.
Trop. Afr. 9: 613. 1920.

Based on *Panicum haplocladum* Stapf
British East Africa

Echinochloa haploclada var. *stenostachya* Chiov. Fl. Somalia 2: 445. 1932.

"Oltregiuba: Lungo il Lago Dera Megli allagamenti (Dr. A. Ballardelli 1926 n. 269)."

Africa

Echinochloa helodes (Hack.) Parodi, Physis 8: 72. f. 4. 1925.

Based on *Panicum spectabile* var. *helodes* Hack. Argentina

Echinochloa hirta (Heyne) Schult. Mant. 2: 270. 1824.

Based on "*Oplismenus hirtus* Heyne."

B. Heyne East Indies

Echinochloa hirtella Schult. Mant. 2: 269. 1824.

"*Oplismenus hirtellus* Balbis Herb. Berteron... In S. Domingo"

"In S. Domingo."

? "folia....pedalia".... $\frac{1}{2}$ inch wide awn an inch or more, flexuous

= ?

Echinochloa hispida (Forsk.) Schult. Mant. 2: 267. 1824.

Based on "*Panicum hispidum* Forsk." [nom. nud.]

Egypt

Echinochloa hispidula (Retz.) Keng, Sinensia 11: 413. 1940.

Comb. made also by Nakai, Bull. Nat. Sci. Mus. 31: 137. 1952.

Based on *Panicum hispidulum* Retz.

Ind. Or.

Echinochloa hispidula var. *genuina* Kossenko, Syst.

Herb. Inst. Bot. Komarov Acad. Sci. U.R.S.S.

11: 45, f. 4. 1949.

E. hispidula (Retz.) [Keng] not cited.

East Indies

Echinochloa hispidula var. *oryzacea* Kossenko, Syst.

Herb. Inst. Bot. Komarov Acad. Sci. U.R.S.S.

11: 45. 1949.

"Spiculae 5-6 mm. longae, 2-2.5 mm. latae"

Typus Herb. Inst. Bot. nom. V. L. Komarovii Ac. So. U.S.S.R., Herb. Maire, Yunnan septentrionalis et centralis, no. 1930, Sub. *Panicum*."

China

Echinochloa holciformis (H.B.K.) Chase, Proc. Biol.

Soc. Washington 24: 155. 1911.

Based on "*Oplismenus holciformis* H.B.K."

Mexico

Echinochloa Holubii (Stapf) Stapf in Prain, Fl. Trop.

Afr. 9: 606. 1920.

Based on *Panicum Holubii* Stapf

So. Afr.

Echinochloa Hosti Link, Hort. Berol. 2: 209. 1833.

Based on *Panicum stagninum* Retz, misappl. by Host. [Rumania]

Echinochloa intermedia (Vahl) Roem. & Schult. Syst. Veg. 2: 477. 1817.

Based on "*Panicum intermedium* [Vahl in] Hornem."

"Hort. Hafn. cult. [annual]"

Echinochloa jubata Stapf in Prain, Fl. Trop. Afr.

9: 619. 1920.

"Mozambique Distr. Nyasaland: Nyika plateau; Mwaremba, McCounie, 20!"

Africa

Echinochloa kimayalaensis Vanderyst, Bull. Agr.

Congo Belge 10: 244. 1919.

Congo Africa

Echinochloa kimpokoensis Vanderyst, Etude Agrost. Agr.

Trop. 52. 1921, as syn. of *Echinochloa frumentacea*

Link.

Echinochloa lanceolata (Retz.) Beauv. Ess. Agrost.

53, 161, 170. 1812.

Based on *Panicum lanceolatum* Retz.

Basis of *Oplismenus lanceolatus* (Retz.) Kunth

East Indies (König)

Echinochloa lelievrei (Cheval.) Berhaut, Bull. Soc. Bot.

France Mem. 1953: 9-12. 1954.

Based on *Panicum lelievrei* A. Cheval

Senegal Africa

Panicum lelievrei Cheval. = *Echinochloa stagnina* (Retz.) Beauv. fide Stapf

Echinochloa longearistata Nash in Small, Fl.

Southeast U. S. 84. 1903.

p. 1327. "Type (La.), Hale, in Herb. C. U."

= *Echinochloa walteri*

Echinochloa macrocarpa Vasing. in Kom. Fl. U.R.S.S.

2: 34, 739. 1934.

"Asia media, Tadshikistania, district. Kokand in oryzetis prope pagum Voruch. 30 VII 1913, leg. Z. Minkwitz."

Description in Latin in Fl. BSS UCR (Fl. Reip. Sov. Soc. Ucrain, USSR 2: 271. 1940.

Echinochloa macrocarpa var. *aristata* Vasing. in

Kom. Fl. U.R.S.S. 2: 34, 739. 1934.

Asia media

Echinochloa macrocarpa var. *mutica* Vasing. in Kom.

Fl. U.R.S.S. 2: 34, 739. 1934.

Asia media

Echinochloa macrocorvi Nakai, Bull. Nat. Sci. Mus.

31: 137. 1952.

"P. crus-galli var. submuticum (non Wirtgen) Hackel, Merrill, Nakai."

Korea

Echinochloa madagascariensis Mez, Notizbl. Bot. Gart.

Berlin 7: 56. 1917.

"Madagascar, loco non indicato (Baron n. 2471, Goudot)."

Echinochloa malakuensis Vanderyst, Bull. Agr. Congo

Belge 10: 245. 1919.

Bas- Kasai. Congo, Africa

Echinochloa micans Kossenko, Not. Syst. Herb. Inst.

Bot. Komarov Acad. Sci. U.R.S.S. 11: 38. pl. 1.

1949.

"Area geographica China!"

[no type cited for species; 2 vars: 1 *flavescens* Koss. 2. *purpurascens* Koss. which see.

Echinochloa micans var. *flavescens* Kossenko, Not. Syst.

Herb. Inst. Bot. Komarov Acad. Sci. U.R.S.S.

11: 40. 1949.

"Typus. Herb. Inst. Bot. nom. V. L. Komarovii Ac. So. U.S.S.R. coll. Richard Oldham, 1864. Formosa, no. 603, sub *Panicum colorum*."

Formosa

Echinochloa micans var. *purpurascens* Kossenko, Not.

Syst. Herb. Inst. Bot. Komarov Acad. Sci. U.R.S.S.

11: 40. 1949.

"Typus Herb. Inst. Bot. nom. V. L. Komarovii Ac. So. U.S.S.R. Leg. Faber 1887-1891, China. Sub *Panicum colorum*."

China

Echinochloa microstachya (Wieg.) Rydb. Brittonia

1: 82. 1931.

Based on *Echinochloa muricata* var. *microstachya* Wieg.

= *E. crusgalli* var. *mitis* Man. U. S.

New York

Echinochloa muricata (Michx.) Fernald, Rhodora 17: 106

1915.

Based on *Panicum muricatum* Michx.

= *E. crusgalli* Man. U. S.

Canada

Echinochloa muricata var. *ludoviciana* Wiegand,

Rhodora 23: 58. 1921.

"Louisiana: Baton Rouge, 1903, F. H. Billings, no. 14 (Type in Gray Herb.)."

= *E. crusgalli* var. *mitis* Man. U. S.

Echinochloa muricata var. *microstachya* Wiegand,

Rhodora 23: 58. 1921.

New York: Cayuga Lake Basin, E. L. Palmer, no. 97 (Type in Gray Herb.)."

= *E. crusgalli* var. *mitis* Man. U. S.

Echinochloa muricata var. *multiflora* Wiegand,

Rhodora 23: 59. 1921.

"Oklahoma: Lincoln County, 1895, J. W. Blankenship (Type in Gray Herb.)."

= *E. crusgalli* var. *mitis* Man. U. S.

Echinochloa muricata var. *occidentalis* Wiegand,

Rhodora 23: 58. 1921.

"Illinois: Grand Tower, Gleason, no. 1720 (Type in Gray Herb.)."

= *E. crusgalli* var. *mitis* Man. U. S.

Echinochloa najada (Hack. & Arech.) Parodi, Physis

8: 75. 1925.

Based on *Panicum najadum* Hack. & Arech.

Uruguay, Arechavaleta, coll.

Echinochloa notabile (Hook.f.) Rhind, Grass. Burma
2, 50. 1945.

Based on *Panicum notabile* Hook.f.
Burma

Echinochloa obtusiflora Stapf in Prain, Fl. Trop. Afr.
9: 606. 1920.

"Upper Guinea, Cameroons: by the Bogolo river,
Miss Macleod, 91; Logone River, Macleod, 151a!"
Africa

Echinochloa occidentalis (Wiegand) Rydb. Brittonia
1: 82. 1931.

Based on *Echinochloa muricata* var. *occidentalis*
Wiegand
= *E. crusgalli* var. *mitis* Man. U. S.
Illinois. Gleason 1920.

Echinochloa oplismenoides (Fourn.) Hitchc. Contr. U. S.
Nat. Herb. 22: 136. 1920.

Based on *Berchtoldia oplismenoides* Fourn.
Toluca, Mex. 1140 Berlandier

Echinochloa oryzetorum (Chevalier) Chevalier, Rev.
Bot. Appl. 14: 18. 1934.

Based on *Panicum oryzetorum* Chevalier
Senegal, Africa

Echinochloa oryzicola (Vasing.) Vasing. in Kom. Fl.
U.R.S.S. 2: 33. 1934, in Russian.

Panicum oryzicola Vasing. nom. nud.
Panicum oryzicola Prodr. oryzicola Vasinger, Bull.
Appl. Bot. Fl. Breed. 25: 125. 1931. Habitat
in Oriente.

[Illustr. of hairy summit of sheath fig. 11, p. 129;
fig. 13, p. 130; base of plant p. 133; fig. 10,
p. 127]

Description in Latin by Lavrenko in Fl. RSS UZR
2: 99. 1940.

Echinochloa oryzicola f. *aristata* Vasing. ex Grossh.

Trudy Bot. Inst. Azerbaidzh. Fil. Akad. Nauk S.S.S.R.
8: 130. 1939, in Russian.

Sterile lemma with awn. More common.
Persia

Echinochloa oryzicola f. *glabra* Vasing. ex Grossh.

Trudy Bot. Inst. Azerbaidzh. Fil. Akad. Nauk S.S.S.R.
8: 130. 1939, in Russian.

[Sheaths glabrous]
Caucasus. Russia. Eur.

Echinochloa oryzicola f. *mutica* Vasing. ex Grossh.

Trudy Bot. Inst. Azerbaidzh. Fil. Akad. Nauk S.S.S.R.
8: 130. 1939, in Russian.

Sterile lemma without an awn.
Caucasus. Russia. Eur.

Echinochloa oryzicola f. *pilosa* Vasing. ex Grossh.

Trudy Bot. Inst. Azerbaidzh. Fil. Akad. Nauk S.S.S.R.
8: 130. 1939, in Russian

[Sheaths appressed - hirsute]
Caucasus. Russia. Eur.

Echinochloa oryzoides (Ard.) Fritsch, Verh. Zool. Bot.
Ges. Wien. 41: 742. 1891.

Based on "(Ard. sub *Panicum*)" [*Panicum oryzoides*
Ard.]
= *E. crusgalli* ?
Italy?

Echinochloa pachyphloea Kossenko, Syst. Herb. Inst. Bot.
Komarov Acad. Sci. U.R.S.S. 11: 43. f. 3. 1949.

"Typus Herb. Inst. Bot. nom. V. L. Komarovii Ac. Sc.
U.S.S.R. Herb. Maire; China, Yunnan, leg. E. Maire,
1904--1910. (Loco accuratius non adnotato)."

Echinochloa paludigena Wiegand, Rhodora 23: 64. 1921.

"Florida: Hillsborough County, 1904, A. Fredholm,
no. 6,390 (Type in Gray Herb.)." Man. U. S.

Echinochloa paludigena var. *soluta* Wiegand, Rhodora
23: 64. 1921.

"Florida: Manatee, 1901, S. M. Tracy, no. 7754
(Type in Gray Herb.)."
= *E. paludigena* Man. U. S.

Echinochloa paracorvi Nakai, Bull. Nat. Sci. Mus.
31: 137. 1952.

"*Panicum corvi* Thunberg, nom. illegit.; *P. crusgalli*
var. *submuticum* Meyer ex Hackel." [this name unpub-
lished or published here, nom. nud.]

Panicum corvi Thunb. is based on *P. oruscorvi* L.
"Habitat in Indiis" *E. paracorvi* Nakai must go back
to *P. oruscorvi* L. or is without basis.

Korea

Echinochloa phyllopogon (Stapf) Koss ssp. *stapfiana*
Koss. Bot. Kōzlem. 47: 355. 1958.

Based on *Panicum phyllopogon* Stapf.
Pisa, Italy

Echinochloa polystachya (H.B.K.) Hitchc. Contr. U. S.
Nat. Herb. 22: 135. 1920.

Based on *Oplismenus polystachyus* H.B.K.
Venezuela and Colombia

Echinochloa polystachya var. *spectabilis* (Nees)

Martinez Crovetto, Rev. Arg. Agron. 9: 318. 1942.

Based on *Panicum spectabile* Nees
Brazil

Echinochloa pulchella Kunth, "Enum. Fl. 1: 73."
error in Ind. Kew 2: 813. 1893.

"= *P. pulchellum*"---not in Kunth

Echinochloa pungens (Foir.) Rydb. Brittonia 1: 81. 1931.

Based on *Panicum pungens* Foir.
= *Echinochloa crusgalli* Man. U. S.
Canada

Echinochloa pungens var. *coarctata* Fern. & Griseb.

Rhodora 37: 136. pl. 336. f. 1 & 2. 1935.

"Virginia: brackish marsh of North Landing River,
Pungo Ferry, Princess Anne Co., Sept. 22, 1933,
Fernald & Griseb., no. 2760 (type in Gray Herb.);
isotype in herb. Griseb.)."
= *E. crusgalli* Man. U. S.

Echinochloa pungens var. *ludoviciana* (Wiegand) Fern. &
Griseb. Rhodora 37: 137. 1935.

Based on *E. muricata* var. *ludoviciana* Wiegand
= *E. crusgalli* var. *mitis* Man. U. S.

Echinochloa pungens var. *microstachya* (Wiegand) Fern.
& Griseb. Rhodora 37: 137. 1935.

Based on *E. muricata* var. *microstachya* Wiegand
= *E. crusgalli* var. *mitis* Man. U. S.

Echinochloa pungens var. *multiflora* (Wiegand) Fern. &
Griseb. Rhodora 37: 137. 1935.

Based on *E. muricata* var. *multiflora* Wiegand
= *E. crusgalli* var. *mitis* Man. U. S.

Echinochloa pungens var. *occidentalis* (Wiegand) Fern.
& Griseb. Rhodora 37: 137. 1935.

Based on *E. muricata* var. *occidentalis* Wiegand
= *E. crusgalli* var. *mitis* Man. U. S.

Echinochloa pungens var. *wiegandii* Fassett, Rhodora
51: 2. 1949.

"As TYPE of var. *wiegandii* the following may be
specified: sandy roadside, Hayden Island, Oregon,
September 8, 1915, J. C. Nelson 1974, in the Gray
Herbarium."

var. *wiegandii* Fassett based on description and all
cited specimens of Wiegand of *E. muricata* v. *occi-*
denialis Wieg. except Gleason 1920, Ill. cited as
type of Wiegand's var. *occidentalis*. Fassett gives
no description, refers to Wiegand, Rhodora, and cites
J. C. Nelson 1974, also cited by Wiegand as type.

Echinochloa pyramidalis (Lam.) Hitchc. & Chase, Contr.
U. S. Nat. Herb. 18: 345. 1917.

Based on *Panicum pyramidalis* Lam.
Africa. Man. W. I.

Echinochloa pyramidalis (Lam.) Hitchc. & Chase var.
guadeloupensis (Hack.) Stehlé, Caribbean Forester
5: 188. 1944.

Based on *Echinochloa guadeloupensis* Wieg. which is
based on *Panicum spectabile* var. *guadeloupense* Hack.

Echinochloa pyramidalis var. *violacea* (Vanderyst)
Vanderyst, Bull. Agr. Congo Belge 16: 670. 1925,
without descr.

Based on *Echinochloa frumentacea* var. *violacea*
Vanderyst.

"Boma, avril 1913 (V.D.R.)
Kisantu, janvier 1909 (V.D.R.); Lemfu, 3474 (Butaye-
Gillet)."
Congo. Africa

Echinochloa quadrifaria (Hochst.) Chiov. Malpighia
34: 537. 1937.

Based on *Panicum quadrifarium* Hochst. Schimper, Abyss.
sect 1 no. 206.

"pr. *Adona* (Quartin Dillon, Schimper)"

In Stapf, Fl. Afr. 2: 616 referred to
Echinochloa pyramidalis (Lam.) Hitchc. & Chase
Abyssinia

Echinochloa quadrifaria var. *atroviolacea* (A. Rich.)
Chiov. Webbia 8: 72. 1952. [in Zavattari, Miss.
Biol. Borana, Raou. Bot. 275. 1939]

Tra Mega ad El Banno, 28 Apr. (n. 277, 278, 284) -
Sagan, verso la foce vello Stefania, 15-19 Aug.
(n. 1408, 1430).

Echinochloa sabulicola (Nees) Hitchc. Contr. U. S.
Nat. Herb. 17: 257. 1913.

Based on "*Panicum sabulicola*" Nees
Brazil Paras (Sieber)

Echinochloa scabra (Lam.) Roem. & Schult. Syst. Veg.
2: 479. 1817.

Based on "*Panicum scabrum* Lam."
Africa Senegal

Echinochloa senegalensis Mez, Notizbl. Bot. Gart.
Berlin 7: 56. 1917.

"Senegambia (Rousillon)."

Not acot. for in Stapf

Western Afr.

Echinochloa ? setigera (Retz.) Beauv. Ess. Agrost.
53, 161, 171. 1812.

Based on *Panicum setigerum* Retz.

China

Echinochloa setosum Beauv. in Ind. Kew 1: 813. 1893.
Not transferred by Beauv. Ess. Agrost. 53. 1812.

= *Setaria setosa* (Sw.) Beauv. Ess. Agrost. 51, 171,
178. 1812.

Echinochloa spectabilis (Nees) Link, Hort. Berol.

2: 209. 1833.

Based on *Panicum spectabile* Nees

Brazil

= *E. polystachya*

Man. W. I.

Echinochloa spiralis Vasing. in Kom. Fl. U.R.S.S.

2: 34, 739. 1934.

"Spec. typ.: Caucasus borealis, ad fl. Kuban, 60 km.
NW ab oppid. Krasnodar, inter segetes oryzae
originis japonicae, 28 X 1931, leg. A. Vasinger."

Russia. Eur.

Echinochloa ? squarrosa (L.f.) Roem. & Schult. Syst.

Veg. 2: 479. 1817.

"*Panicum squarrosus* Lam.?" [1791, not Retz. 1786]
cited. This is based on *Andropogon squarrosus* L.f.

"In India Sommerat."

[*Andropogon squarrosus* L.f. accepted as valid (for
Vetiveria zizanioides (L.) Nash) by Hackel, Monogr.
p. 544, under the name *Andropogon squarrosus* L.f.-
this = *Chamaeraphis spinescens* fide Stapf, Kew
Bull. 1906: 347-348.]

Echinochloa stagnina (Retz.) Beauv. Ess. Agrost. 53,
161, 171. 1812.

Based on *Panicum stagninum* Retz.

"India orientalis, D. Koenig"

Echinochloa ? subcordata Roem. & Schult. Syst. Veg.

2: 480. 1817.

"*Panicum subcordatum* Roth nov. plant Spec. Mss."

"In India orientali. Heyne."

Echinochloa submutica Nakai "in Thunb. Fl. Jap."

Kaisetu 4. 1933.

Echinochloa subverticillata Pilger, Notizbl. Bot. Gard.

Berlin 15: 451. 1941.

S. W. Africa

Echinochloa Turneriana Domin, Bibl. Bot. 85: 307. 1915,
as syn. of *Panicum Turnerianum* Domin.

"419 *P[anicum]* *Turnerianum* n. sp."

"Nord-Australien, Queensland. - Clario F. Turner, F.L.S.
F.R.H.S. etc., florae australiensis et agrostologiae
scrutatori diligentissimo dedico,
West-Queensland: Grasflächen der Rolling Downs
zwischen Hughenden und Clomcurry auf sumpfigen Stellen
(Domin, II. 1910) (Original der Art) Nord-Australien:
Upper Victoria River F. V. Mueller.

Echinochloa turneriana Black, Fl. South Australia

ed. 2. 1: 72. 1943.

"Creeks and waterholes on Cordillo Downs and along
Cooper's Creek- Central and North Australia:
Queensland.

Black credits the name "turneriana" to Domin, but
Domin published it as "*Panicum turnerianum* Domin,
1915.

"*Echinochloa turnerianum* Dom. in sched."
see *Panicum turnerianum* Domin, Bibl. Bot. 85: 307.
1915. "West Queensland:----(Domin, II. 1910)
(Original der art. Nord Australien: Upper Victoria
River, F. V. Mueller."

Echinochloa ugandensis Snowden & C. E. Hubb. Kew Bull.

Misc. Inf. 1936: 315. 1936.

Uganda:....Teso District, Abela, Liebenberg 851
(type)

Africa

Echinochloa verticillata Berhaut, Bull. Soc. Bot.

France Mem. 1953: 9-12. 1954.

Echinochloa walteri (Pursh) Heller, Cat. N. Amer. Fl.

ed. 2. 21. 1900.

Presumably based on *Panicum walteri* Pursh, Pursh
being given in parenthesis.

This based on [*P. hirtellum* Walt.]

Man. U. S.

S. Carolina

Echinochloa walteri forma *brevisetata* Fern. & Griseo.

Rhodora 37: 137. 1935.

Virginia: by Northwest Branch of North Landing River,
North Landing, Norfolk Co., September 22, 1933,
Fernald & Griseo, no. 2761 (type in Gray Herb.,
isotype in herb. Griseo)

Echinochloa walteri f. *laevigata* Wiegand, Rhodora

23: 62. 1921.

Based on *Panicum longisetum* Torr.

Man. U. S.

Echinochloa zelayensis (H.B.K.) Schult. Mant.

2: 269. 1824.

Based on *Oplismenus zelayensis* H.B.K.

Mexico, Zelaya, Queretaro

Echinochloa zelayensis var. *macera* Wiegand, Rhodora

23: 54. 1921.

"Mexico: Matamoros, 1831, Berlandier, no. 890
(Type in Gray Herb.)."

= *E. orugalli* var. *mitis* Man. U. S.

Echinochloa zelayensis var. *subaristata* Wiegand,

Rhodora 23: 54. 1921.

"Texas: Pierce, 1901, S. M. Tracy, no. 7743 (Type
in Gray Herb.)."

= *E. oruspavonis* Man. U. S.

Echinochloa zenkowskii Rupr. in Schlecht. Linnaea

27: 477. 1854.

"*Echinochloa*, *Panicum* *Zenkowskii* Rupr."

[In a list of plants in garden of Halle, Saxony in
1855] but title-page date is 1854.

"*E. zenkowskii* Regel, Ind. Sem. Hort. Petrop. 1853"
in Ind. Kew 1: 813. 1893.

Apparently *Echinochloa zenkowskii* in the seed list,
and referred to *Panicum* by Schlechtendal.
No description. Cult. in Halle, Germany

Echinochloa zonalis Parl. Fl. Panorm. 1: 119. 1845.

[Sicily] Italy

Echinolaena Boiviniana A. Camus, Bull. Soc. Bot.

France 75: 912. 1928. 1929 in Ind. Kew.

"Nossi-Bé (Boivin)." east of Africa

[typonym of *Panicum egregium* Mez

Afr. E. madagascariensis Baker

Echinolaena brachystachya Kunth, Rev. Gram. 1: 54. 1829.

Based on "*Panicum brachystachyum*" Nees & Esenb.
[Trin]

"

T

Brazil (Langedorff)

Echinolaena gracilis Swallen, Journ. Washington Acad.

Sci. 23: 457. 1933.

Type in the U. S. Nat. Herb. no. 1,538,066 collected
on open marshy prairie, near Los Amates, Guatemala,
Mar. 3, 1932, by Paul Weatherwax (no. 1601)."

Echinolaena hirta Desv. Journ. Bot. 1: 75. 1813.

"Habitat in America equinoxiali"

= *E. inflexa* (Poir.) Chase

Echinolaena inflexa (Poir.) Chase, Proc. Biol. Soc.

Wash. 24: 117. 1911.

Based on "*Cenchrus inflexus* Poir."

Cayenne French Guiana

Echinolaena loliacea Kunth, Enum. Fl. 1: 173. 1833;

Kunth Rev. Gram. 1: Suppl. XIII. 1830.

Based on "*Panicum loliaceum* Bertol Plant. del Bres.
4."

= *Ichnanthus [candicans?]*

Prov. Rio Janeiro Brazil.

Not *Echinolaena*

Echinolaena madagascariensis Baker, Journ. Linn.

Soc. 21: 452. 1885.

"Diego Suarez, Bernier! (Herb. Gay)."

Madagascar

Echinolaena minarum (Nees) Pilger, Notizbl. Bot. Gart.

Berlin 11: 246. 1931.

Based on *Oplismenus minarum* Nees

= *Ichnanthus minarum* (Nees) Doell

Minas, Brazil

Echinolaena navicularis (Nees) Kunth, Rev. Gram.

1: 54. 1829.

Based on *Panicum naviculare* Nees, based on
Navicularia glabra Raddi

Rio Janeiro, Brazil

= *Ichnanthus glaber*

Echinolaena nemorosa (Swartz) Kunth, Rev. Gram.

1: 54. 1829.

Based on "*Panicum nemorosum* Swartz - *Milium*
nemorosum Moench."

= *Ichnanthus nemorosus* (Sw.) Doell

Jamaica, [Swartz]

Echinolaena polystachya H.B.K. Nov. Gen. & Sp.

1: 119. 1815; 7: pl. 679. 1825.

"Crescit in ripa fluminis Magdalenae inter Tenerife
et Zambrano."

Colombia

= *Pseudechinochloa polystachya* (H.B.K.) Stapf

Echinolaena procurrens Kunth, Rev. Gram. 1: 54. 1829.

Based on "*Panicum procurrens* Nees at Esenb."

Langsdorff. Brazil

Echinolaena scabra H.B.K. Nov. Gen. & Sp. 1: 118. t. 38 1815.

"Crescit in ripa umbrosa Atabapense juxta vicum San Balthasar et rupem Kemarumo. (Prov. de la Nueva Guayana.)"

= *E. inflexa* Venezuela

Echinolaena scabra var. *ciliata* St. Hil. Voy. Distr. Diam. 1: 383. 1833.

"*Panicum echinolaena* (ciliatum) Mart. Nees, Agrost. 128."

"provinciae des Mines." Brazil. S. Amer.

= *Echinolaena inflexa*

Echinolaena trinitii Zoll. & Moritz in Moritz, Syst. Verz. Zoll. 102. 1845-46.

Based on "*Panicum uncinatum* Trin. v.3. non Brown."

[Trin. v. 3 = Trin. Pan. Gen. Mem. Acad. St. Pétersb. VI. Sci. Nat. 1: 240. 1834]. "*Panicum uncinatum* Radd., as shown by pl. 216 Trin. Icon., is correctly applied to Raddi's *Panicum uncinatum* = *Pseudechinolaena polystachya* (H.B.K.) Stapf

Brazil

"*Echinolaena trinitii* Zoll. Mor." in Zoll. Syst. Verz. Ind. Arch. 54. 1854. "In humidis circa habitacula pr. Pantar Pété XI." (island in East Indies, north-west of Timor.)

= [*Pseudechinolaena polystachya* of America]

Echinopogon asper Trin. Fund. Agrost. 126. 1820.

Based on "*Agrostis ovata* Forst."

New Zealand

Echinopogon caespitosus C. E. Hubb. in Hook. Icon. Fl. 33: (tab. 3261). 6. 1935.

"New South Wales. Northumberland County: near Katoomba, in railway enclosure, common, April 1931, Hubbard 8453 (type)."

Australia

Echinopogon caespitosus var. *Cunninghamii* C.E. Hubb. in Hook. Icon. Fl. 33: (tab. 3261). 7. 1935.

"New South Wales. Wellington Valley, Nov. 1825, Cunningham 10."

Australia

Echinopogon Cheelii C. E. Hubb. in Hook. Icon. Fl. 33: (tab. 3261). 3. 1935.

"New South Wales, Gough County: Glen Innes, Cheel (type)."

Echinopogon gunniamus Nees, in Hook. Lond. Journ. Bot. 2: 413. 1843.

"In collibus Hampstead Hills, insulae Van Diemen, Febr. 1837, Gunn n. 1011."

= *Deyeuxia gunniana*

Tasmania

Echinopogon intermedius C. E. Hubb. in Hook. Icon. Fl. 33: pl. 3261. 1935.

"New South Wales: Inglis County: Walcha Road, Dec. 1912, Boorman (type)."

Australia

Echinopogon McKiei C. E. Hubb. in Hook. Icon. Fl.

33: (tab. 3261). 9. 1935.

"New South Wales. Clarke County: Yellow Gap, Oban Road, N. E. of Guyra, soil of granite formation, Dec. 1931, McKie 729 (type)."

Australia

Echinopogon novae-zelandiae Gandog. Bull. Soc. Bot. France 66: 300. 1920.

"Nova Islandia, N. Zeland ad Aratapu (Potrie n. 1050! Cheeseman n. 10019!)." (error for Petrie)

Echinopogon nutans C. E. Hubb. in Hook. Icon. Fl. 33: (tab. 3261) 4. 1935.

"Queensland. Moreton District: ...banks of Brisbane River, in partial shade, Nov. 1930, Hubbard 4810 (type)."

Australia

Echinopogon nutans var. *major* C. E. Hubb. in Hook. Icon. Fl. 33: (tab. 3261) 5. 1935.

New South Wales: Hardinge County: Wandsworth, 15 mi. N. W. of Guyra, 1080 m., Dec. 1931, McKie 719 (type)

Australia

Echinopogon ovatus (Forst.) Beauv. Ess. Agrost. 42, 148, 161. pl. 9. f. 5. 1812.

Based on "*Agrostis ovata* Labill." [1804] the name credited by Labill. to Forst. 1786.

New Zealand

Echinopogon ovatus var. *pubiglumis* C. E. Hubb. in Hook. Icon. Fl. 33: (tab. 3261). 8. 1935.

"Western Australia. Without precise locality, Drummond 342 (type)."

Echinopogon phleoides C. E. Hubb. in Hook. Icon. Fl. 33: (tab. 3261). 10. 1935.

"New South Wales, Hardinge County: Wandsworth, 15 mi. N. W. of Guyra, in white soil from quartz orphyry, 1080 m., Dec. 1931, McKie 732 (type)."

Echinopogon purpurascens Gandog. Bull. Soc. Bot. France 66: 300. 1920.

"Nova Zelandia, ad Dunedin (Thomson!)"

Echinopogon sieberi Steud. Syn. Fl. Glum 1: 183. 1854.

"*E. ovatus* Sieber hrbr. [presumably not Forst.] N. Holl." cited.

Australia

Echinopogon virens Gandog. Bull. Soc. Bot. France 66: 300. 1920.

"Australia, N. S. Wales ad Walcha (Maiden!)"

Ectosperma alexandrae Swallen, Journ. Wash. Acad. Sci. 40: 19. 1950.

"Type in the U. S. National Herbarium, no. 1963637, collected on lower slopes of big sand hill, Eureka Valley, Inyo County, California, alt. 3,050 feet, May 24, 1949, by Annie M. Alexander and Louise Kellogg (no. 5655)."

Man. U. S.

Ectrosia agrostoides Benth. Fl. Austral 7: 634. 1878.

N. Australia. Port Essington, Armstrong.

W. Australia. "A specimen in herb. Hook. marked as from Drummond, but there may be possibly some mistake."

Ectrosia anomala C. E. Hubb. in Hook. Icon. Fl.

34(tab. 3312): 14. 1936.

"Queensland. Burke District: Normanton, in open shallow sandy channels on ridge side, 3-9m., May 1935, Blake 9024."

Aff. *E. Gulliveri* F. Muell.

Ectrosia appressa S. T. Blake, Univ. Queensl. Papers Dept. Biol. 1(18): 1. 1941.

"Queensland.--Cook District: On Wrotham Park, ca. 50 miles north-west of Mungana, ...on grey sand, ... Blake 13685 (Type)."

Australia

Aff. *E. Schultzii* Benth.

Ectrosia Blakei C. E. Hubb. in Hook. Icon. Fl. 34(tab. 3312): 4. 1936.

"Queensland. Burke District: Croydon, open depressions on whitish sand, 105 m., May 1935, Blake 9104"

Aff. *E. Danesii* Domin

Ectrosia confusa C. E. Hubb. in Hook. Icon. Fl. 34(tab. 3312): 14. 1936.

"*E. Gulliveri* Benth. Fl. Austral. VII. 634 (1878), partim, non F. Muell.--Gulliver's specimens were included under *E. Gulliveri* F. Muell. by Bentham."

[Muell. misappl. by Benth.]

Queensland...between Norman and Gilbert Rivers, *Gulliver* (type)."

Ectrosia danesii Domin, Bibl. Bot. 85: 406, pl. 15, f. 3, 4. 1915.

"Nord-Queensland: Normanton (Prof. Dr. J. Danes)."

Australia

Ectrosia eragrostoides Domin, Bibl. Bot. 85: 407. 1915.

"Queensland: Savannenwälder bei Maresba (Domin, II. 1910)."

Australia

Ectrosia gulliveri F. Muell. Fragm. 8: 201. 1874.

"Inter fluvios Norman's et Gilbert's River; T. Gulliver."

Australia

[see *E. confusa* C. E. Hubb.]

Ectrosia Gulliveri var. *squarrulosa* (Domin) C. E. Hubb. in Hook. Icon. Fl. 34(tab. 3312): 16. 1936.

Based on "*E. squarrulosa* Domin...inol. f. *normalis* Domin et f. *minor* Domin."

"Queensland. Cook District: between Chillagoe and Walsh River, in Eucalyptus forest, Feb. 1910, Domin (type in Herb. Domin)"

Australia

Ectrosia laxa S. T. Blake, Univ. Queensl. Papers Dept. Biol. 1(18): 1. 1941.

"Queensland.--Cook District: On Wrotham Park, ca. 50 miles north-west of Mungana, ...on grey sand, April 6th, 1938, Blake 13688 (type)."

Australia

Aff. *E. Danesii* Domin

Ectrosia leporina R. Br. Prodr. Fl. Nov. Holl. 186. 1810.

"Littora Novae Hollandiae intra Tropiolum."

Australia

Ectrosia leporina var. *longiglumis* C. E. Hubb. in Hook. Icon. Fl. 34(tab. 3312): 11. 1936.

"Queensland. North Kennedy District: Cleveland Bay, barren soils, June 1819, Cunningham 350."

Australia

Ectrosia leporina var. *micrantha* Benth. Fl. Austral.
7: 634. 1878.

"Victoria River, P. Mueller, between Norman and
Gilbert Rivers, Gulliver."
Australia

Ectrosia leporina var. *pauciflora* C. E. Hubb. in Hook.
Icon. Pl. 34 (tab. 3312): 11. 1936.

"Northern Australia: near Victoria River, Mueller."

Ectrosia leporina var. *spadicea* (R. Br.) Domin, Bibl.
Bot. 85: 409. 1915.

Based on *E. spadicea* R. Br.

Australia

Ectrosia scabrida C. E. Hubb. in Hook. Icon. Pl.
34 (tab. 3312): 6. 1936.

Cites: "E. Schultzii Benth...partim."

"Northern Australia. Between the Fitzmaurice and
Victoria Rivers, Oct. 1855, Mueller (type)"

Aff. *E. Schultzii* Benth.

Ectrosia schultzii Benth. Fl. Austral. 7: 633. 1878.

"N. Australia. Between Maurice and Victoria Rivers
P. Mueller; Port Darwin, Schultz n. 287."

Ectrosia Schultzii var. *annua* C. E. Hubb. in Hook.
Icon. Pl. 34 (tab. 3312): 8. 1936.

"Queensland Burke District: Settlement Creek, May
1923, Brass 372 (type)"

Ectrosia spadicea R. Br. Prodr. 186. 1810.

"Littora Novae Hollandiae intra tropicum."

Collected on Cook's Journey by Banks.

Australia

Ectrosia squarrolosa Domin, Bibl. Bot. 85: 407. f. 94.
1915.

"Nord-Queensland: zwischen Chillagoe und dem Walsh
River, im Eucalyptus-Walde (Domin II. 1910)."

Australia

Ectrosia subtriflora Ohwi, Bot. Mag. Tokyo 56: 1. 1942.

"No. 13165 Kanehira-Hatusima, Waren, on dry grassy
hill, alt. 300 m., very rare, March 26, 1940."

New Guinea

Ectrosia vaginata Trin. ex Steud. Nom. Bot. ed. 2.
1: 543. 1840, nom. nud.

"Trin. mpt."

Ectrosiopsis aruensis P. Jansen, Reinwardtia 2: 269.
1953.

Moluccas, Aru Is., P. Trangan, Buwala 5306 (type:
Herb. Bogor.), 5526.

East Indies

Ectrosiopsis curvifolia Jansen, Acta Bot. Neerl.
1: 474. 1952. fig. 2.

"New Guinea, Mai kussa, leg. MacGregor, a. 1890,
No. 9 in Herb. Melbourne (typus)."

Ectrosiopsis lasioclada (Merr.) P. Jansen, Reinwardtia
2: 268. 1953.

Based on *Eragrostis lasioclada* Merr. Philip. Journ.
Sci. 1(Suppl.): 382. 1906.

Culion, Merrill 461, Dec. 1902 (dupl. type U. S.
Nat. Herb.)
Philippines

Ectrosiopsis subaristata (Chase) P. Jansen,
Reinwardtia 2: 269. 1953.

Based on *Eragrostis subaristata* Chase, Journ. Arn.
Arb. 20: 305. 1939.

New Guinea: Middle Fly R., Brass 7879 (type)

Ectrosiopsis subtriflora (Ohwi) Jansen, Reinwardtia
2: 268. 1953.

Based on *Ectrosia subtriflora* Ohwi, Bot. Mag. Tokyo
56: 1. 1942; *Eragrostis subtriflora* (Ohwi) Ohwi,
Bull. Tokyo Sci. Mus. No. 18: 1. 1947.

Netherlands New Guinea, Waren, Kanehira & Hatusima
13165

Ehrharta abyssinica Hochst. Flora 38: 193. 1855.

"(Hb. abyss. Buchinger nr. 1460.)"

[Schimper Coll. in 1853]

Africa

Ehrharta acuminata (R. Br.) Spreng. Syst. Veg.

2: 114. 1825.

Based on "*Tetrarrhena* [acuminata] R. Br."

Ins. Van Diemen [R. Br.]

Tasmania

Ehrharta adscendens Schrad. Goett. Anz. Ges. Wiss.

3: 2078. 1821.

[Cape of Good Hope. Herr Prediger Hesse]

Africa

[= *E. calycina* in Stapf Fl. Cap.]

Ehrharta aemula Schrad. Goett. Anz. Ges. Wiss.

3: 2077. 1821.

[Cape of Good Hope. Herr Prediger Hesse]

[= *E. bulbosa* in Stapf Fl. Cap.]

Ehrharta aphylla Schrad. Goett. Anz. Ges. Wiss.

3: 2077. 1821.

[Cape of Good Hope. Herr Prediger Hesse]

valid in Stapf p. 678

= "*E. aphylla* in part" = *E. Rehmanii* in Stapf Fl.
Cap. 677.

Ehrharta aphylla var. *fasciculata* Stapf in Thiseit.-

Dyer, Fl. Cap. 7: 679. 1900.

"Caledon Div.; tops of mountains of Baviaans Kloof
near Genadendal, Burchell, 77251"

S. Africa

Ehrharta aphylla var. *filiformis* Nees, Linnaea 7: 334.
1832.

"feuchte schattige Stellen an dem Kleinriviersberge
zwischen Zäunen, Novembri. Ecklon."

So. Africa

Ehrharta aristata Thumb. Prodr. Fl. Cap. 66. 1794.

"Promontorio Bonae Spei Africae, annis 1772-1775,
collegit. Carol. Pet. Thunberg."

= "*longiflora* Smith pl. 32" in Stapf Fl. Cap.

Cape Good Hope

Ehrharta auriculata Steud. Flora 12: 491. 1829.

"Nr. 913. Vorgebirge der guten Hoffnung."

[Ecklon, Coll.] = *calycina* Smith in Stapf Fl. Cap.

Cape Good Hope - Africa

Ehrharta avenacea Willd. ex Schult. & Schult. Syst.
Veg. 7²: 1378. 1830.

"Bel. Willd. Ms."

"In insulae Bononiae planitie Caffrorum: Bory de
St. Vincent."

[Africa]

Ehrharta banksii Omel. Syst. Nat. 2: 549. 1791.

No loc. given, cites Smith, Fl. Icon. 9. 1789.
[see Omel. Syst. Nat. 2: 549. 1791.]

"Herb. Banks."

Ehrharta barbinodis Nees in Trin. Mem. Acad. St.

Petersb. VI. Sci. Nat. 34: 66. 1839.

"Cbsp." [Cape Good Hope].

Ehrharta barbinodis Nees, Fl. Afr. Austr. 215. 1841.

"Lecta in itinere per montes Camiesberge et ad
ostium Garip fluvii...et ad Vallefontein...(Klein
Namaqualand), Ecklon; in montosis rupestribus prope
Rustbank in Kaus...in planitie sicca ad Goedeman-
skraal...et in collibus siccis inter frutices
humiles ad Ebenezer (Drège)."

So. Africa

Ehrharta brachylemma Pilger, Notizbl. Bot. Gart.

Berlin 13: 264. 1936.

"Orange-Basutoland: Drakensberge, Mt. aux Sources,
sonnig warme nordhang... (Juni 1934-C. Troll
n. 6080)."

Tanganyika Africa

Ehrharta brevifolia Schrad. Goett. Anz. Ges. Wiss.

3: 2077. 1821.

[Cape of Good Hope. Herr Prediger Hesse]

Ehrharta brevifolia var. *adscendens* Nees, Fl. Afr.

Austr. 1: 205. 1841.

"...in collibus aridis ad Garip fluvium solo Karro
...(Klein Namaqualand), et in arenosis ab Ebenezer
...(Drège)."

So. Africa

Ehrharta brevifolia var. *cuspidata* Nees, Fl. Afr.

Austr. 1: 205. 1841.

"...in collibus aridis ad Garip fluvium solo Karro
...(Klein Namaqualand), et in arenosis ab Ebenezer
...(Drège)"

Africa

Ehrharta bulbosa Smith, Fl. ined. fasc. 2. ex Thumb.

Prod. Fl. Capensium----From. Bonae Spei Africae----

1772-1775. Collegit Pet. Thunberg, pars posterior
1800. Appendix, page 188.

"*Ehrharta bulbosa* Smith. Fl. ined. fasc. 2."

Ehrharta bulbosa J. E. Smith, Fl. Icon. Ined. pl. 33.

1790.

Cape Good Hope

Ehrharta bulbosa Smith ex Steud. Flora 12: 491. 1829.

without description. ex Stapf in Thiseit.-Dyer,

Fl. Capensis 7: 666. 1898. Cites "(Sm. Fl. Ic.

Ined. sub t. 33)"

Africa

Africa

Ehrharta calycina Smith, Fl. ined. fasc. 2. t. 33.
ex Thunb. Prod. Fl. Capensium---Prom. Bonae Spei
Africes---1772-1775. Collegit Pet. Thunberg, pars
posterior 1800. Appendix, page 188. "Aira
capensis Linn. Suppl." 108.
"Ehrharta calycina Smith, Fl. ined. fasc. 2. t. 33."
Aira capensis Linn. Suppl. 108.

Ehrharta calycina J. E. Smith Fl. Icon. Ined. Pl. 33.
1790.

"E. Promontorio Bonae Spei aditit Sparrmann.
Herb. Linn."
(J. E. Smith)
So. Africa

Ehrharta calycina Eekl. ex Nees, Fl. Afr. Austr. 203.
1841, as syn. of *Ehrharta meliocoides* Swartz. Not
Smith.
= *E. meliocoides*

Ehrharta calycina var. *adscendens* (Schrud.) Nees,
Linnaea 7: 336. 1832.

Based on *Ehrharta adscendens* Schrad.
Cape Good Hope, Afr.
(Herr Prediger Hesse)

Ehrharta calycina var. *versicolor* (Schrud.) Stapf. in
Thiselt.-Dyer, Fl. Cap. 7: 675. 1900.

Based on "E. versicolor, Schrad. in Goett. Gel. Anz.
111. (1821) 2078."

Africa

Cape of Good Hope, Hesse, Collector

Ehrharta capensis Thunb. Svensk. Vet. Akad. Handl.
40: 217. pl. 8. 1779.

"Goda Hoppets Udde i Africa"
[Cape Good Hope]

Svensk. added to conform with Ofv. Svensk. etc. in
Contr. abbrev. Miss Whitlock does not use Stockholm.
-C. D. Miles

Ehrharta cartilaginea J. E. Smith Fl. Icon. Ined.
pl. 33. 1790.

Cape Good Hope

= *E. capensis* in Stapf Fl. Cap. 667.

Ehrharta caudata Munro in A. Gray, Mem. Amer. Acad.
n. ser. 6: 420. 1859.

Coll. Charles Wright, "Hakodadi," Japan.
good description, following it is a note: "This is,
perhaps Thunberg's *Alopecurus caudatus*, W. Munro, Mss."

E. caudata Munro is not based on Thunberg's name.
Munro did not know what Thunberg's species was; not
in Thunb. Fl. Japonica 1784. In Nov. Act. Soc. Sci.
Upsal. 3: 208. 1780 is "*Alopecurus caudatus*" Thunb.
"panicula spicata caudata; flosculis aristis circum-
vallatis," this does not apply to Munro's species,
in which all parts of the spikelets are caudate.

Alopecurus caudatus probably *Setaria* or *Pennisetum*
A.C.
See card *Alopecurus caudatus* Thunb.

Ehrharta colensoi Hook. f. Fl. Nov. Zeland. 1: 288.
pl. 65a. 1853.

"Hab. Northern Island. Tufts at the top of the
Ruahine range, Colenso."

New Zealand

Ehrharta contexta F. Muell. Trans. Phil. Soc. Vict.
1: 111. 1855.

No loc. cited.

[Australia]

Ehrharta delioatula (Nees) Stapf, Kew Bull. Misc. Inf.
1897: 288. 1897.

"Cape Colony. Little Namaqualand, near Mieren
Kasteel, among shrubs, Drège 508. Tulbagh Division,
Roozendaal, Drège."

Africa

Ehrharta diarrhena F. Muell. Fragm. Phyt. Austr.
7: 89. 1870.

"Ad Southport Tasmaniae; C. St. Prope Recherche Bay,
Gunn."
Cites: "Diplax Tasmaniae J. Hook."

= *Microlaena tasmanica*

Ehrharta diffusa Mez, Repert. Sp. Nov. Fedde 17: 292.
1921.

"Südwest Afrika, bei Obib (Range)"

Ehrharta digyna Thunb. Prodr. Fl. Cap. 66. 1794.

"Promontorio Bonae Spei Africes, annis 1772-1775,
collegit Carol. Pet. Thunberg."

= *E. ramosa*

Cape Good Hope, Afr.

Ehrharta diplax F. Muell. Sel. Pl. Indust. Cult. 74
Proc. Zool. & Acclim. Soc. Victoria 1: 296.
1872.

= *Microlaena avenacea*. J. Hooker.
New Zealand

Ehrharta distichophylla Labill. Nov. Holl. Fl.
1: 90. pl. 117. 1804.

"Habitat in capite Van-Diemen."

= *Tetrarrhena distichophylla*
Tasmania

Ehrharta dodii Stapf in Thiselt.-Dyer, Fl. Cap.
7: 670. 1900.

"Coast Region: Cape Div.; rocks on Constantia Berg,
Wolley Dod, 1961."

Africa

Ehrharta drummondiana (Nees) Steud. Syn. Fl. Glum.
1: 7. 1854.

Based on *Tetrarrhena drummondiana* Nees

= *Tetrarrhena laevis*

Australia

Ehrharta dura Nees in Trin. Mém. Acad. St. Pétersb. VI.
Sci. Nat. 3: 59. 1839. of Nees ipse 1841.

"Cbsp." [Cape Good Hope]

Africa

Ehrharta dura Nees, Fl. Afr. Austr. 218. 1841.
See Nees ex Trin. 1839.

"Ad Waterfall prope Tulbagh....(Worcester), Eeklon;
in caespitosis rupestribus vallis praeruptae
Dutoitskloof ... (Drège)."

So. Africa

Ehrharta eckloniana Schrad. in Schult. & Schult. Syst.
Veg. 7(2): 1376. 1830.

Cites Schrad. Revis. alt. n. 16. This is given by
Nees, Fl. Afr. Austr. as "in litt."

"In Promont. b. spei, prope muros ad urbem Cap:
Ecklon"
Cape Good Hope, Afr.

Ehrharta erecta Lam. Encycl. 2: 347. 1786.

"la collection de Graminées que M. Sonnerat nous a
communiquée; mais nous ne savons pas positivement
si elle est du Cap, ...ou si elle est de l'Inde."

Africa or India

Ehrharta erecta var. *abyssinica* (Hochst.) Pilger,
Notizbl. Bot. Gart. Berlin 9: 508. 1926.

Based on *E. abyssinica* Hochst.

Ehrharta erecta var. *natalensis* Stapf in Thiselt.-
Dyer, Fl. Cap. 7: 671. 1900.

"Natal; Clairmont, 50 ft., Wood, 7260!"

Africa

Ehrharta festuacea Willd. in Schult. & Schult. Syst.
Veg. 7: 1378. 1830. "Rel. Willd. Mss."

"In Madagascar: Aub. d. Petit Thouars."

Ehrharta filiformis (Nees) Mez, Repert. Sp. Nov. Fedde
17: 292. 1921.

Based on *Ehrharta aphylla* var. *filiformis* Nees
Cape Colony

Ehrharta geniculata (Thunb.) Thunb. Prodr. Fl. Cap.
192. 1800.

Based on "*Melica geniculata* Thunb."

= *Ehr. calycina* in Stapf Fl. Cap. 675.
Cape Good Hope

Ehrharta gigantea (Thunb.) Thunb. Prodr. Fl. Cap.
192. 1800.

Based on *Melica gigantea* Thunb.
Cape Good Hope (Thunberg)

Ehrharta gigantea Swartz, Trans. Linn. Soc. Lond.
6: 58. pl. 4. f. 8. 1802.

Based on *Melica gigantea* Thunb.
Cape Good Hope. Africa

Ehrharta gigantea Ehrh. ex Steud. Flora 12: 491. 1829,
without description. Not Thunb. 1800.

= *E. villosa* Schult. in Stapf Fl. Cap. 681.
South Africa

Ehrharta gigantea Nees in Trin. Mém. Acad. St. Pétersb.
VI. Sci. Nat. 3: 62. 1839. Not Thunb. 1800.

"Cbsp." [Cape Good Hope]
Africa

= *E. villosa* Schult. in Stapf, Fl. Cap. 681.

Ehrharta gigantea var. *neesii* Stapf in Thiselt.-Dyer,
Fl. Cap. 7: 680. 1900.

Based on "*E. gigantea* Nees [not Thunb.] Fl. Afr.
Austr. 216"
Africa

Ehrharta gigantea var. *stenophylla* Stapf in Thiselt.-
Dyer, Fl. Cap. 7: 681. 1900.

"...Tulbagh Div.; Tulbagh Waterfall, 1200 ft.,
Schlechter, 9058!" South Africa.

Cape Colony. Africa

Ehrharta Godefroyi C. Cordem. in E. Cordem. Fl. Ile
Réunion 123. 1895.

"Recueilli par M. Jules Godefroy, directeur de
l'école d'agriculture de Grand-Jouan, à qui la flore
de la Réunion est redevable d'une importante contri-
bution."

Reunion Isl. Africa

Ehrharta hispida Beauv. ex Steud. Nom. Bot. ed. 2.
1: 544. 1840, as syn. of *Tristachya leucothrix*

= *Tristachya leucothrix*

South Africa

Ehrharta juncea (R. Br.) Spreng. Syst. Veg. 2: 114.
1825.

Based on "*Tetrarrhena* [juncea] R. Br.)"

Australia

Ehrharta laevis (R. Br.) Spreng. Syst. Veg. 2: 115.
1825.

Based on "*Tetrarrhena* [laevis] R. Br.)"

Novae Hollandiae Australia

Ehrharta laxiflora Schrad. Goett. Anz. Ges. Wiss.
3: 2078. 1821. ["laxifolia" error in Ind. Kew
1: 824]

[Cape of Good Hope. Herr Frediger Hesse]

= *E. calycina*

Africa

Ehrharta longiflora J. E. Smith, Fl. Io. Ined. t. 32.
1789.

[Bor. Grasses of Burma, Ceylon, India and Pakistan
484. 1960.]

Ehrharta longiflora Eckl. ex Schult. & Schult. Syst.
Veg. 7: 1376. 1830, as syn. of *E. eckloniana* Schrad.

= *E. longiflora* J. E. Smith in Stapf, Fl. Cap. 664.
1900.

South Africa

Introduced into St. Helena and Bourbon.

Ehrharta longiflora var. *eckloniana* (Schrad.) Nees,
Fl. Afr. Austr. 220. 1841.

Based on "*Ehrharta eckloniana* Schrad. in Schult."

= *E. longiflora* in Stapf Fl. Cap. 664.

Cape Good Hope, Afr.

Ehrharta longiflora var. *longiseta* (Schrad.) Nees, Fl.
Afr. Austr. 220. 1841.

Based on "*Ehrharta longiseta* Schrad."

= *E. longiflora* in Stapf Fl. Cap. 664. 1900

Cape of Good Hope Africa

Ehrharta longiflora var. *urvilleana* (Kunth) Nees, Fl.
Afr. Austr. 220. 1841.

Based on "*Ehrharta urvilleana* Kunth"

Ins. St. Helena

Ehrharta longifolia Schrad. Goett. Anz. Ges. Wiss.
3: 2077. 1821.

Hesse, Collector.

Cape of Good Hope, Africa

Ehrharta longifolia var. *robusta* Stapf in Thiseit.-
Dyer, Fl. Cap. 7: 668. 1900.

"Coast Region: Var. Cape Div.; top of Tokay Planta-
tion, Wolley Dod, 1958! lower slopes of Orange kloof,
Wolley Dod 3343! Albany Div.; near Grahamstown...
MacOwan 1294!"

Cape Good Hope

Ehrharta longigluma C. E. Hubb. Kew Bull. Misc. Inf.
1933: 501. 1933.

"Natal: Mont aux sources, common in grassland on
mountain slopes....Feb. 1926, Bayer & McClean 270."

Africa

Ehrharta longiseta Schrad. Goett. Anz. Ges. Wiss.
3: 2078. 1821.

Cape of Good Hope, Hesse, Collector.

= *E. longiflora* in Stapf Fl. Cap. 664.

Ehrharta melicoides Thunb. Prodr. Fl. Cap. 192. 1800.

Based on *Melica capensis* Thunb.

Cape Good Hope

Ehrharta melicoides Swartz in Trin. Mém. Acad. St.
Petersb. VI. Sci. Nat. 34: 69. 1839. Not
Thunb. 1800.

"Cbsp. [Cape Good Hope] in umbrosis. (Bernh.)"

Africa

Ehrharta melicoides Willd. ex Nees, Fl. Afr. Austr.
209. 1841, as syn. of *Ehrharta undulata calycina*.
Not Thunb. 1800.
Not in Stapf Fl. Cap.

Ehrharta microlaena Nees in Trin. Mém. Acad. St.
Petersb. VI. Sci. Nat. 34: 59. 1839. of. Nees
ipse 1841.

"Cbsp." [Cape Good Hope]

Africa

Ehrharta microlaena Nees, Fl. Afr. Austr. 217. 1841.
of. Nees ex Trin. 1839.

[S]
"In subalpinis prope Zwellendam, (Mundt in herb. Reg.
Berol.); ad Waterfall prope Tulbagh... (Worcester),
Ecklon; in planitie uliginosa... vallis praeruptae
Dutoitskloof, (Drège)."

Cape Colony Africa

Ehrharta mnemateia L.f. Suppl. Fl. 209. 1781.

"*Ehrharta capensis* Thunb." cited.

"Habitat in Africa. D. D. Thunberg."

= *E. capensis* Thunb. in Stapf p. 667.

South Africa

Ehrharta mnemateia var. *longiseta* Nees, Fl. Afr. Austr.
1: 199. 1841.

"Ad Waterfall (Ecklon)." [prope Tulbagh in montibus]

Cape Colony Africa

Ehrharta mnemateia var. *muconata* Nees, Fl. Afr. Austr.
1: 198. 1841.

"Ad Waterfall prope Tulbagh in montibus... in Tul-
baghskloof, Tulbaghsthal, monte Winterhoek... aliis-
que in partibus Districtus Worcester humo e ligno
putrido orto, inter Hottentotthollandskloof et Han-
hoek (Stellenbosch), ad Paspasvalley... (Zwellen-
dam), Ecklon; in monte Paarlberg... (Ecklon et Drège);
in collibus ad Eikenboom... similique situ ad Rivier
Zondereinde flumen (Drège)."

Cape Colony Africa

Ehrharta mnemateia var. *mutica* Nees, Fl. Afr. Austr.
1: 199. 1841.

"in montanis siccis asperisque ad Onadenthal....
(Drège)."

Cape Colony Africa

Ehrharta mutans Lam. Encycl. 2: 346. 1786.

"Cette plante croît au Cap de Bonne-Espérance, &
nous a été communiquée par M. Sonnerat."

Cape Good Hope

= *E. capensis* in Stapf, Fl. Cap. 667.

Ehrharta mutans Willd. ex Nees, Fl. Afr. Austr. 209.
1841, as syn. of *Ehrharta undulata* var. *calycina*
Nees. Not Lam. 1786.

= *E. calycina*

Ehrharta ottonis Kunth, Rev. Gram. 1: 9. 1829, nom.
nud.; described by Nees, Fl. Afr. Austr. 1841.

"Otto comm."

= *E. longifolia* in Stapf, Fl. Cap. 668.

Ehrharta ovata Nees, Linnaea 7: 336. 1832.

"Sandige Flache unter dem Tigerbergs bei Duiker-
vallei.... Ecklon."

Cites: "Holcus... Ecklon Herb. Cap."

= *E. calycina* in Stapf, Fl. Cap. 675.

Cape Good Hope

Ehrharta panicosa Smith ex Thunb. Prodr. Fl. Capensis---
From. Bonae Spei Africae---1772-1775. Colligit
Carol. Pet. Thunberg. pars posterior 1800.
Appendix page 188.

"*Ehrharta panicosa* Smith, Fl. Ined. 1. t. 9."
Appendix p. 188.

Ehrharta panicosa J. E. Smith, Fl. Icon. Ined. Fl. 9.
1789.

"Ex Capite Bonae Spei adtulit Sonnerat anno 1776.
Herb. Thoun."

Cape Good Hope Africa

= *E. erecta* in Stapf p. 671 Man. U. S.

Ehrharta panicosa var. *cuspidata* Nees, Fl. Afr. Austr.
1: 225. 1841.

"....muconata, in collibus siccis ad Ebenazar
inter frutices in locis depressis prope Mierenkasteel
... in monte ad Elleboogfontein... et in monte
Slangenhuvel, (Drège)."

= *E. delicatula* Stapf in Fl. Cap. 672

Cape Colony Africa

Ehrharta panicosa var. *minor* Nees, Fl. Afr. Austr.
1: 225. 1841.

"var. minor, in editioribus solo Karro et in agris
inter kochmanskloof et Gauritzrivier fluvium
(Zwellendam), Ecklon

= *E. erecta* in Stapf, Fl. Cap. 671.

Cape Colony Africa

Ehrharta panicosa var. *purpureasens* Nees, Fl. Afr.
Austr. 1: 225. 1841.

"....purpurea, in collibus ad Hexrivier flumen,
(Drège)."

Cape Colony Africa

Ehrharta paniciformis Nees in Trin. Mém. Acad. St.
Petersb. VI. Sci. Nat. 34: 64. 1839. of. Nees
ipse, 1839.

"Cbsp." [Cape Good Hope]

= *E. erecta* in Stapf, Fl. Cap. 671.

Index to Grass Species

Ehrharta paniciformis Nees, Fl. Afr. Austr. 226. 1841.
of. Nees & Trin. 1839.

"Inter frutices ad flumen Zwartkopsrivier et prope Adow... (Uitenhage), Eeklon; ad flumen Kaahu... (Drège)."

= *E. erecta* in Stapf, Fl. Cap. 671.

Cape Colony. Africa

Ehrharta paniciformis var. *gracilis* Nees, Fl. Afr. Austr. 1: 226. 1841.

"...inter Acacias ad Brakrivier flumen..., ad fluvium Klein Vischrivier... (Oraaf Heynet), ad parietes rupium praeruptorum ad Klaarstroom... in faucibus praeruptorum montis Stormberg... et in umbrosis ad radices rupium montium Witbergen... (Drège)."

see Stapf, Fl. Cap. 671.

Cape Colony Africa

Ehrharta paniculata Swartz ex Poir. Encycl. Suppl. 2: 542. 1811.

"Cette plante croît au Cap de Bonne-Espérance."

= *E. calycina* in Stapf Fl. Cap. 675

Ehrharta penicillata C. Cordem. in E. Cordem. Fl. Ile Réunion 123. 1895.

"Grand-Bénard."

Reunion Isl. East of Africa

Ehrharta pilosa Willd. ex Steud. Nom. Bot. ed. 2. 1: 544. 1840, as syn. of *E. calycina* Smith

= *E. calycina*

[Africa]

Ehrharta punicea J. F. Omei. Syst. 2: 1542. (error in index) 1791.

Error for *panicosa*

Ehrharta pusilla Nees in Trin. Mém. Acad. St. Pétersb. VI. Sci. Nat. 34: 68. 1839. of. Nees ipse 1841.

"Cbsp." [Cape Good Hope]

Africa

Ehrharta pusilla Nees, Fl. Afr. Austr. 223. 1841.
of. Nees & Trin. 1839.

South Africa

Ehrharta pusilla var. *adscondens* Nees, Fl. Afr. Austr. 1: 223. 1841.

"...inter Buffelrivier flumen (Coussie) et Zilverfontein in glareosis... (Drège)."

var. not in Stapf, Fl. Cap.

Cape Colony, Africa

Ehrharta pusilla var. *erecta* Nees, Fl. Afr. Austr. 1: 223. 1841.

"in montibus Camiesbergen (Klein Namaqualand) inter Kuil et Pedroskloof... (Drège)."

Cape Colony Africa

Ehrharta pusilla var. *geniculata* Nees, Fl. Afr. Austr. 1: 223. 1841.

"...in itinere per montes Camiesbergen et ad ostium fluminis Garip in arenosis... (Ecklon)."

Cape Colony Africa

Ehrharta pusilla var. *inaequiglumis* Rendle, Journ. Bot. Brit. & For. 37: 380. 1899.

Collected by Rudolph Schlechter on his expedition to western South Africa in 1897-8. No. 8361.

Stapf, Fl. Cap. p. 762.

Ehrharta pusilla var. *uncialis* Nees, Fl. Afr. Austr. 1: 223. 1841.

"...ad flumen Hazekraalrivier in glareosis... (Drège)."

[So. Africa]

Ehrharta ramosa (Thunb.) Thunb. Prodr. Fl. Cap. 192. 1800.

(Swartz ex Trin. Mém. Acad. St. Pétersb. VI. Sci. Nat. 3(1): 71. 1839, same comb.)

Based on "*Melica ramosa* Thunb."

Fromontorio Bonae Spei Africes... (Thunberg)

Cape Good Hope, Africa

Ehrharta ramosa Smith ex Steud. Flora 12: 491. 1829, without description. Not Thunb. 1800.

= *aphylla* ?

Ehrharta ramosa Willd. ex Nees, Fl. Afr. Austr. 209. 1841, as syn. of *Ehrharta undulata calycina*. Not Thunb. 1800.

"*Ehrharta nutans, ramosa et meliocoides* Herb. Willd."

Cited sub *Ehrharta undulata* var. *calycina*

Ehrharta ramosa Thunb. var. *aphylla* (Sohrad.) Gluckman, Journ. So. African Bot. 8: 273. 1942.

Based on "*E. aphylla* Sohrad."

Cape Good Hope, Hesse

Ehrharta ramosa var. *muconata* Nees, Fl. Afr. Austr. 1: 206. 1841.

"...in Giftberg monte alt. 1500-2000', in monte Rodeberg...; ad Ezelsfontein in montosis rupestribus (Drège)."

[Cape Colony] Africa

Ehrharta ramosa var. *tuberosa* Nees, Fl. Afr. Austr. 1: 206. 1841.

"ad Waterfall inter reliquias, (Ecklon)."

Cape Colony Africa

Ehrharta Rehmannii Stapf, Kew Bull. Misc. Inf. 1897: 288. 1897.

"Cape Colony... Outeniqua Mts., Montagu Pass, Rehmann, 74."

Africa

Ehrharta Rehmannii var. *filiformis* Stapf in Thieselt.-Dyer, Fl. Cap. 7: 677. 1900.

"Lowrys Pass, 1500 ft., Schlechter, 7285!"

Stellenbosch Div.

Cape Colony Africa

Ehrharta rupestris Nees in Trin. Mém. Acad. St. Pétersb. VI. Sci. Nat. 34: 71. 1839. of. Nees ipse 1841.

"Cbsp." [Cape Good Hope]

Africa

Ehrharta rupestris Nees, Fl. Afr. Austr. 227. 1841.
of. Nees & Trin. 1839.

"In rupibus apricis solo sabuloso-humoso montium ad Gnadenthal... (Stellenbosch)... (Drège)."

Cape Colony Africa

Ehrharta schlechteri Rendle, Journ. Bot. Brit. & For. 37: 380. 1899.

Collected in western South Africa in 1897-8. by Rudolph Schlechter no. 8133."

Ehrharta setacea Nees, Fl. Afr. Austr. 228. 1841.

"In monte tabulari... (Distr. Cap.)... (Drège)."

[Table mountain]

Cape Good Hope, Africa

Ehrharta setacea var. *scabra* Stapf in Thieselt.-Dyer, Fl. Cap. 7: 669. 1900.

"Swellendam Div.; on a mountain peak near Swellendam, Burchell, 7312!" Africa

Cape Colony

Ehrharta setacea var. *strobilifera* Nees, Fl. Afr. Austr. 1: 228. 1841.

"cum praecedente, (idem) [*Ehrharta setacea*] in Witzem-berg, Vogelvallei Distriktus Capensis (Ecklon)."

* "In monte tabulari" Table mountain

Cape Colony Africa

Ehrharta stipoides Labill. Nov. Holl. Fl. 1: 91. pl. 118. 1804.

Based on *Microlaena stipoides*

"Habitat in capite Van-Diemen."

Tasmania Australia

Ehrharta stricta Nees in Trin. Mém. Acad. St. Pétersb. VI. Sci. Nat. 34: 63. 1839. of. Nees ipse 1841.

[Cape Good Hope] Africa

= *E. calycina* var. *versicolor* (Sohrad) Stapf

Ehrharta stricta Nees, Fl. Afr. Austr. 214. 1841.
of. Nees & Trin. 1839.

"var. ♂ in faucibus praeruptis montium Camiesbergen (Modderfonteinsberg)... Var. ♀ inter Kuil et Pedroskloof... (Klein Namaqua Land), Drège."

Varieties unnamed.

= *E. calycina* var. *versicolor* (Sohrad.) Stapf

Cape Colony

Ehrharta subspicata Stapf in Thieselt.-Dyer, Fl. Cap. 7: 676. 1900.

"Coast Region: Cape Div.; without precise locality, Harvey 318! by a stream from Retreat to Muizenberg Vley, Wolley Dod, 3519! Riverdale Div.; by the Zoetemelks River, Burchell 6712! George Div.; on the East Berg (Cradock Berg) near George, Burchell, 5974!"

Cape Colony So. Africa

Ehrharta tenacissima (Nees) Steud. Syn. Fl. Glum 1: 7. 1854.

Based on *Tetrarrhena tenacissima* Nees

= *Tetrarrhena juncea*

VanDiemen's Land Gunn n. 987

Ehrharta tenella Spreng. Tent. Suppl. Syst. Veg. 11. 1828.

Type loc.: "Uitenhagen. C.B.S. Zeyher (n. 141) v.s."

Basis of *Sporobolus tenellus* (Spreng.) Kunth

Cape Bonae Spei [Cape Good Hope]

Africa

<p><i>Ehrharta thomsoni</i> Petrie, Trans. & Proc. New Zeal. Inst. 12: 356. pl. 10. 1880.</p> <p>"Habitat--Port Pegasus, Stewart Island, on wet open ground, ranging from 100 to 1500 ft. ...Named in honour of G. N. Thomson ...who discovered it along with myself."</p> <p>Stewart Isl., New Zealand</p>	<p><i>Ehrharta undulata</i> var. <i>laxiflora</i> (Schrad.) Nees, Fl. Afr. Austr. 1: 210. 1841.</p> <p>Based on "Ehrharta laxiflora Schrad." = <i>E. calycina</i> in Stapf p. 675.</p> <p>Cape Good Hope Africa</p>	<p><i>Ehrharta villosa</i> Schult & Schult. Syst. Veg. 7²: 1374. 1830.</p> <p>"In Fromont. b. spei, in arenosis maritimis. Ecklon"</p> <p>South Africa</p>
<p><i>Ehrharta triandra</i> Nees in Trin. Mém. Acad. St. Pétersb. VI. Sci. Nat. 3⁴: 61. 1839. cf. Nees ipse 1841.</p> <p>"Cbsp." [Cape Good Hope]</p> <p>Africa</p>	<p><i>Ehrharta undulata</i> var. <i>pumila</i> Nees, Fl. Afr. Austr. 1: 209. 1841.</p> <p>"ad Rondebosch et in valle Rietvallei (Distr. Cap.), Mundt in Herb. Reg. Berol." p. 211.</p> <p>Cape Colony Africa</p>	<p><i>Ehrharta villosa</i> var. <i>maxima</i> Stapf in Thiselt.-Dyer, Fl. Cap. 7: 681. 1900.</p> <p>"Ecklon & Zeyher, 409!"</p> <p>South Africa</p>
<p><i>Ehrharta triandra</i> Nees, Fl. Afr. Austr. 221. 1841.</p> <p>cf. Nees; Trin. 1839.</p> <p>"In valle Wupperthal, (von Wurmb); in rivo ad Kun-kunwub inter Lekkerzing et Natvoet...inter Rooidezand et Hexrivier blumen in collibus siccis ad Ebenezer alt. infra 300' et inter frutices prope Paarl...(Drège)."</p> <p>Cape Colony So. Africa</p>	<p><i>Ehrharta undulata</i> var. <i>submutica</i> Nees, Fl. Afr. Austr. 1: 208. 1841.</p> <p>"in montibus...prope urbem Capstadt atque in littore dunisque ad Rindvalley...(Distr. Cap.), Ecklon; in collibus inter frutices ad Riebekkasteel...(Drège)."</p> <p>Cape Colony Africa</p>	<p><i>Ehrhartia clandestina</i> Web. Prim. Fl. Hols. 64. 1780.</p> <p>[spelled <i>Ehrhartia</i> in book. Not <i>Ehrharta</i> Thunb. (Conserved)]</p> <p><i>Phalaris oryzoides</i> L. cited.</p> <p>"Abundat ad paludes prope Viehburg & Freez." [Preetz]</p> <p>Prussia, Holstein [Germany]</p> <p>= <i>Leersia</i></p>
<p><i>Ehrharta tricoastata</i> Stapf in Thiselt.-Dyer, Fl. Cap. 7: 669. 1900.</p> <p>"Coast Region: Paarl Div.; French Hoek,... Schlechter 9292!"</p> <p>Cape Colony Africa</p>	<p><i>Ehrharta uniflora</i> Burch. ex Stapf in Thiselt.-Dyer, Fl. Cap. 7: 670. 1900.</p> <p>(Stapf cites "Burch. Trav. 1: 57. [1822]; name only" after specific name)</p> <p>"Coast Region: Cape Div.; Cape Flats near Rondebosch, Burchell 1821"</p> <p>South Africa</p>	<p><i>Ekmanochloa aristata</i> Ekman, U. S. Dept. Agr. Miso. Publ. 243: 377. f. 343 B. 1936.</p> <p>"Type in the U. S. Nat. Herb. no. 1385553, coll." in carrascales-pinales, between Taco and Nibujon, prov. Oriente, very rare", Dec. 4, 1914, by E. L. Ekman (no. 3729). Only known from the type collection."</p> <p>Cuba</p>
<p><i>Ehrharta trochera</i> Schrad. Goett. Anz. Ges. Wiss. 3: 2077. 1821.</p> <p>"Ehrh. bulbosa Smith, Trochera [L.C.] Rich." cited. = <i>E. bulbosa</i> Smith, Stapf Fl. Cap. 666.</p> <p>[<i>T. striata</i> L.C. Rich is type of genus <i>Trochera</i>]</p> <p>Cape Good Hope Africa</p>	<p><i>Ehrharta uniglumis</i> P. Muell. Trans. Phil. Soc. Vict. 1: 111. 1855.</p> <p>"In humid valleys on the Brodribb River." Alpine</p> <p>= <i>Tetrarrhena juncea</i></p> <p>Australia</p>	<p><i>Ekmanochloa subaphylla</i> Hitchc. U. S. Dept. Agr. Miso. Publ. 243: 375. f. 343A. 1936.</p> <p>"Type in the U. S. Nat. Herb. no. 1259999, collected on overhanging limestone rocks of Loma Picoote, Sierra de Nipe, prov. Oriente, Cuba, alt. 500m. Nov. 2, 1922, by E. L. Ekman."</p>
<p><i>Ehrharta undulata</i> Nees ex Steud. Nom. Bot. ed. 2. 1: 544. 1840; Fl. Afr. Austr. 208. 1841.</p> <p>= <i>E. calycina</i> in Stapf, Fl. Cap. 675.</p> <p>[So. Africa]</p>	<p><i>Ehrhartia uniglumis</i> Fenzl. ex Dur. & Schinz, Consp. Fl. Afr. 5: 770. 1894, in syn.</p> <p>Not P. Muell. 1855.</p> <p>Basis of <i>Tricholaena uniglumis</i> Fenzl.</p> <p>Nubia, Africa</p>	<p><i>Electra brevifolia</i> Nees ex Steud. Nom. Bot. ed. 2. 1: 516. 1840, as syn. <i>Schismus brevifolius</i></p> <p>= <i>Schismus</i></p>
<p><i>Ehrharta undulata</i> var. <i>adscendens</i> (Schrad.) Nees, Fl. Afr. Austr. 1: 209. 1841.</p> <p>Based on "Ehrharta adscendens Schrad." = <i>E. calycina</i> in Stapf Fl. Cap. 675.</p> <p>Cape Good Hope Africa</p>	<p><i>Ehrharta urvilleana</i> Kunth, Rev. Gram. 2: 189. pl. 6. 1830.</p> <p>"Legit in insula St. Helenae oel. Dumont d'Urville."</p> <p>= <i>E. longiflora</i> Smith in Stapf, Fl. Cap. 664.</p> <p>So. Africa</p>	<p><i>Electra calycina</i> Panz. Fritz. Ind. Io. 394. 1866.</p> <p>Cites: "Munchn. Denkschr. 4,9."</p> <p>= <i>Schismus barbatus</i></p>
<p><i>Ehrharta undulata</i> var. <i>calycina</i> (J. E. Smith) Nees, Fl. Afr. Austr. 1: 209. 1841.</p> <p>Based on "Ehrharta calycina [J. E.] Smith."</p> <p>= " " " " "</p> <p>Cape Good Hope Africa</p>	<p><i>Ehrharta varicosa</i> Nees ex Trin. Mém. Acad. St. Pétersb. VI. Sci. Nat. 3⁴: 65. 1839. of Nees ipse 1841.</p> <p>= <i>E. longifolia</i> in Stapf, Fl. Cap.</p> <p>"Cbsp. in rupestribus."</p> <p>[Cape Good Hope]</p>	<p><i>Electra nitida</i> Panz. ex Steud. Nom. Bot. ed. 2. 1: 516. 1840, as syn. <i>Schismus marginatus</i></p> <p>= <i>Schismus</i></p>
<p><i>Ehrharta undulata</i> var. <i>elatiore</i> Nees, Fl. Afr. Austr. 1: 209. 1841.</p> <p>"Var. A ♂ ** <i>pumila</i>, solo harro in vicinia Gauritz-rivier fluvii (George), Ecklon."</p> <p>Cape Colony Africa</p>	<p><i>Ehrharta varicosa</i> Nees, Fl. Afr. Austr. 200. 1841.</p> <p>cf. Nees; Trin. 1839.</p> <p>"In rupestribus alt. III. montium Van Stadensrivier Berge (Uitenhage), Ecklon."</p> <p>= <i>E. longifolia</i> in Stapf Fl. Cap.</p> <p>Cape Colony Africa</p>	<p><i>Electra scaberrima</i> Nees ex Steud. Nom. Bot. ed. 2. 1: 546. 1840, as syn. <i>Schismus scaberrimus</i>.</p> <p>= <i>Schismus scaberrimus</i></p> <p>South Africa</p>
<p><i>Ehrharta undulata</i> var. <i>geniculata</i> Nees, Fl. Afr. Austr. 1: 210. 1841. "B. a."</p> <p>"B. a."</p> <p>"ad Waterfall prope Tulbagh...(Worcester), in via praerupta ad planum tabularis ducente et in latere septentrionali montis tabularis (Ecklon); ad Ukuip... Drège. In Districtu Zwellendam et George, (Mundt in herb. Reg. Berol.)."</p> <p>Cape Colony Africa</p>	<p><i>Ehrharta versicolor</i> Schrad. Goett. Anz. Ges. Wiss. 3: 2078. 1821.</p> <p>= <i>E. calycina</i> var. <i>versicolor</i> (Schrad.) Stapf</p> <p>Cape of Good Hope. Hesse, Collector.</p> <p>Africa</p>	<p><i>Eleusine aegyptia</i> (L.) Pers. Syn. Fl. 1: 87. 1805.</p> <p>Based on <i>Cynosurus aegyptius</i> L. [<i>aegyptius</i>] of <i>E. aegyptiaca</i> Desf., 1798.</p> <p>= <i>Dactyloctenium aegyptium</i> (L.) Beauv. Man. U. S. Africa, Asia, America</p>
<p><i>Ehrharta undulata</i> var. <i>intermedia</i> Nees, Fl. Afr. Austr. 1: 210. 1841.</p> <p>"inter Coussie et Garip flumina (Klein Namaqualand) Ecklon; in rivulo australi montis tabularis et in monte leonis (Distr. Cap. ...) Bergius in Herb. Reg. Berol."</p> <p>Cape Colony Africa</p>	<p><i>Ehrharta versicolor</i> var. <i>minor</i> Nees, Fl. Afr. Austr. 1: 212. 1841.</p> <p>"var. ♂ in solo Karro ad Gauritzrivier fluvium (George), Ecklon."</p> <p>= <i>E. calycina</i> var. <i>versicolor</i> in Stapf Fl. Cap. 675.</p> <p>Cape Colony Africa</p>	<p><i>Eleusine aegyptia</i> Raf. Chloris Aetn. 7: 1815.</p> <p>Presumably based on <i>Eleusine aegyptia</i> Desf. [error for <i>aegyptiaca</i> Desf.]</p> <p>= <i>Dactyloctenium aegyptium</i> Man. U. S.</p>

Eleusine aegyptiaca (L.) Desf. Fl. Atlant. 1: 85. 1798.

Based on "*Cynosurus [aegyptius]* L."

= *Dactyloctenium aegyptium* (L.) Beauv. Man. U. S.
Africa, Asia, America

Eleusine aegyptiaca (L.) Roxb. Fl. Ind. 1: 345. 1820.

Based on *Cynosurus aegyptius* L.

"Africa, Asia, America."

= *Dactyloctenium aegyptium*

Eleusine africana Kenn. - O'Byrne, Kew Bull. 1957: 65.
f. 1957.

"Type: South Africa. Cape Province: Kimberly District; Warrenton-on-Vaal, 3. 1950, Wilman H. K. L."

"Indigenous to tropical and South Africa----
adventive in the British Isles and Sweden."

Eleusine arabica Hochst. ex Steud. Syn. Fl. Glum.

1: 211. 1854, as syn. of *E. flagellifera* Nees

Africa

Eleusine aristata Ehrenb. ex Boiss. Fl. Orient.

5: 557. 1884, as syn. of *Dactyloctenium scindicum*
Boiss., descr. as species Hook. f. Fl. Brit. Ind.

7: 296. 1896.

Hook. gives only Ehrenb.--no initial

Asia

Eleusine barbata Desv. Opusc. 104. 1831.

"Crescit in Brasillio."

Eleusine barcinonensis Costa, Ind. Sem. Hort. Barcin.

1859; Costa in Willk. Linnaea 30: 125. 1860.

Willkomm cites: "Costa in litt."

"Hanc speciem in Catalauniae locis subhumidis prope
Badalona, Prat, Hospitalet etc. ... legit cl. Costa."

Spain

Eleusine barcinonensis var. *mixta* Gandog. Bull. Soc.

Bot. France 46: 257. 1899.

"Hab. Ponta Delgada (Carreiro, no. 531)."

[Iles Açores. Atlantic Ocean]
[Azores]

Africa

Eleusine blepharoglossis Ind. Kew. Suppl. 1: 151. 1901.

Error for *Eragrostis blepharoglossis* K. Schum.

Africa

Eleusine brevifolia (Hochst. & Nees) Steud.

Syn. Fl. Glum. 1: 211. 1854.

Based on: "*Coelachyrum brevifolium* Hochst. et Nees,
.... Arab. fel." (Hrb. un. it. arab. nr. 799.)"

= *Coelachyrum brevifolium* (Hochst.) Nees

= *Coelachyrum lagopoides* (Burm. f.) Senaratna 1956.

Arabia

Eleusine brevifolia (Koen.) Hook. f. Fl. Brit. Ind.

7: 294. 1896. Same as Hochst., 1854. 1/4

[Other reference: "*Eleusine brevifolia* R. Br. in
Wall. Cat. n. 3815. 133. 1828 [1848?] nom. nud.
Based on *Dactylis brevifolia* H. Heyn. nom. nud.
[Herb. Heyn?]

Based on "*Dactylis brevifolia* Koen. ex Willd. Sp. Fl.
1: 410. (excl. syn.)." Hooker also cites "Roxb. Fl.
Ind. 1: 341; ?Steud. Syn. Gram. 298."

Malabar, India

Eleusine caespitosa A. Rich. Tent. Fl. Abyss.

2: 412. 1851.

"Crescit in regione arenosa Choho dicta inter
littora maris Rubri, et Abyssiniam proprie dictam
(Quartin Dillon)."

[between the Red Sea and Abyssinia]

Eleusine calycina Roxb. Hort. Beng. 8. 1814, without

descr.; Fl. Ind. ed. Carey, 1: 347. 1820.

"on dry pasture ground, but generally amongst bushes"

[India]

Eleusine cerealis Salisb. Prodr. Stirp. 19. 1796.

Based on "*Cynosurus coracanus* Linn."

= *Eleusine coracana*

Asia

Eleusine cerealis Ehrenb. ex Sweet. Hort. Brit. ed.

2. 571. 1830. Nob Salisb. 1796 [as to type?

may be same species]

"Egypt"

Eleusine chinensis (Koen.) P. Muell. Syst. Census

Austral. Plants 134. 1882.

Based on "*Poa Koenig* in Roth."

[*Poa chinensis* Koen in Roth as syn. of *Poa chinensis*
L. in Willd. Sp. Fl. 1: 395.

India

Eleusine ciliata Raf. Précis. Découv. & Trav. Somiol.

45. 1814; Journ. Bot. Desv. 4: 273. 1814.

Sicile, name only, unidentified names. Man. U. S.

Eleusine compressa (Forsk.) Aschers. & Schweinf. ex

C. Chr. Dansk Bot. Arkiv. 43: 12. 1922.

Based on *Panicum compressum* Forsk.

[Egypt]

Eleusine conglomerata Peter, Repert. Sp. Nov. Fedde

Beih. 40: Anhang, 78. pl. 42a. 1930; 272. 1931.

"D O Afr. Buiko Hedaru... (Peter 11041);
Mkomasi Buiko... (Peter 40975)."

"Specimina authentica: Peter 11041, 40975."

Tanganyika

Eleusine coracana (L.) Gaertn. Fruct. & Sem. 1: 8.

pl. 1. 1788.

Based on *Cynosurus coracanus* L.

Man. U. S.

East Indies

Eleusine coracana var. *alba* Koern. in Koern. & Wern.

Handb. Getreidebau. 1: 329. 1885.

"Abessinien"

Africa

Eleusine coracana var. *atra* Koern. in Koern. & Wern.

Handb. Getreidebau. 1: 329. 1885.

"Abessinien"

Africa

Eleusine coracana var. *fusca* Koern. in Koern. & Wern.

Handb. Getreidebau. 1: 329. 1885.

"Abessinien"

Africa

Eleusine coracana var. *stricta* (Roxb.) Nees, Fl. Afr.

Austr. 1: 251. 1841.

Based on "*Eleusine stricta* Roxb."

= *E. coracana* in Stapf

India

Eleusine coracana var. *tooussa* (Pres.) Franch. Bull.

Soc. Hist. Nat. Autun 8: 377. 1893.

Based on *E. tooussa* Pres.

= *E. coracana* in Stapf

Eleusine cruciata Lam. Tabl. Encycl. 1: 203. 1791.

"Ex Indiis utrisque."

Dactyloctenium

Eleusine cruciata Ell. Bot. S. C. & Ga. 1: 176. 1816.

(cf. Lam., 1791)

"Grows in cultivated ground; common." [No hab. cited]

[Presumably S. Carolina acc. to Man.]

= *Dactyloctenium aegyptium* (L.) Aschers. & Schweinf.

Man. U. S.

Eleusine dagussa Schimp. in Regel, Gaetenflora

205. 1872.

"Abyssinia"

Africa

Eleusine digitaria Willd. ex Steud. Nom. Bot. ed. 2.

549. 1840, as syn. of *Leptochloa digitaria* Nees

Peru

Eleusine digitata (R. Br.) Spreng. Syst. Veg. 4:

Cur. Post. 36. 1827.

Based on *Poa digitata* R. Br.

Australia

Eleusine distachya Trin. "in litt." Nees Agrost.

Bras. 440. 1829, as syn. of *Eleusine indica*;

Steud. Nom. Bot. ed. 2. 1: 549. 1840.

Eleusine distans Moench, Meth. Fl. 210. 1794.

"*Cynosurus indicus* L." cited.

"Burmah, Zeylan. p. 106. Tab. 47. fig. 1."
cited by Linn.

= *Eleusine indica*

Eleusine distans Link, Hort. Berol. 1: 61. 1827.

Not Moench, 1794.

"Hab." cult.

Eleusine domingensis (Jacq.) Pers. Syn. Fl. 1: 87. 1805.

Based on *Cynosurus domingensis* Jacq.

= *Leptochloa domingensis* Man. U. S.

[Santo Domingo] W. I.

Eleusine domingensis Sieber, ex Schult. Mant.

2: 323. 1824, as syn. of *Eleusine indica* Lam.

Not Pers. 1805.

Eleusine dura Lam. Tabl. Encycl. 1: 203. 1791.

"Ex Europa australi. *Cynosurus durus* L."
= *Solerochloa dura* Man. U. S.

Eleusine egyptia Raf. Précis Décour. Somiol. 45. 1814.

Presumably based on *Eleusine aegyptia* Desf.
= *Dactyloctenium aegyptium* Man. U. S.

Eleusine elongata Willd. ex Steud. Nom. Bot. ed. 2.

1: 549. 1840, as syn. of *Leptochloa filiformis*
Man. U. S.

Eleusine eruciformis Muhl. Cat. 12. 1813, nom. nud.
ed. 2. 11. 1818, nom. nud.

Not in Man. U. S.

Eleusine erythrosperma Jan. ex Steud. Nom. Bot. ed. 2.
1: 549. 1840, as syn. of *E. oligostachya*

Hab.?

Eleusine falcata (L.) Spreng. Syst. Veg. 1: 349. 1825.

Based on "(*Melica* Falx. L.)...."
= *Harpechloa falx*.
Cape Good Hope Africa

Eleusine falcata Eckl. ex Steud. Nom. Bot. ed. 2.

1: 549. 1840, as syn. of *Microchloa caffra*.
Not Spreng., 1825.

Eleusine figarei Delile ex Kenn.-O'Byrne, Kew Bull.
1957: 65. 1957.

"Paris, Jardin de Plantes, 23. 10. 1955, Herb. J. J. Day. This specimen, which bears the name *Eleusine figarei* Delile, was presumably cultivated from seed collected by Figari in the Sudan. The name is listed by Delile without description in Index Seminum, Horti Regii Botanici Monspeliensis, p. 3. 1847.

nom. nud. as syn. *Eleusine africana* Kenn.-O'Byrne

Eleusine filiformis Pers. Syn. Fl. 1: 87. 1805.

[Muhl. Gram. 136. 1817, as syn.]

"Hab. in Americ. meridion."

= *Leptochloa filiformis* (Lam.) Beauv. Man. U. S.
South Amer.

Eleusine flagellifera Nees, Linnaea 16: 220. 1842

"In planitie deserti prope Dschiddam, ... (Schimper);
Gurhar (Boyle) Boyle Hb. no. 86."
Arabia

Eleusine floccifolia (Forsk.) Spreng. Syst. Veg.
1: 350. 1825.

Based on

"Arabia, (*Cynosurus floccifolius* Forsk.)"
Taaes, Arabia

Eleusine geminata Lange, Ind. Sem. Hort. Havn.
28. 1861.

(Herb. Haun. is Copenhagen)
See under Lange in Pritzel

Eleusine glabra Schumacher, Beskr. Guin. Fl. 73. 1827.

Guinea, Africa [Thonning and other Danish botanists--
from title]
= *E. indica*

Eleusine glaucophylla (Courb.) Munro ex Benth. Journ.
Linn. Soc. Bot. 19: 107. 1881.

Based on "*Dactyloctenium glaucophyllum* Courb.
L'île de Dissee (Mer Rouge)
Red Sea

Eleusine gonantha Schrank, Syll. Ratisb. 1: 191. 1824.

"....Habitat in Brasilia, unde D. de Martius semina
misit."
"= *indica* ?" in Doell in Mart. Fl. Bras. Not in
Nees

Eleusine gouini Fourn. Mex. Fl. 2: 146. 1886.

(Fourn. in Hemsl. Biol. Centr. Amer. Bot. 3: 565.
1885, nom. nud.)

"Vera Cruz (Gouin n. 66)." = *E. indica*
Mexico

Eleusine gracilis Salisb. Prodr. Stirp. 19. 1796.

Based on "*Cynosurus indicus* Linn."
= *Eleusine indica* Man. U. S.
India

Eleusine gracilis (H.B.K.) Spreng. Syst. Veg. 1: 350.

1825. Not Salisb. 1796.

Based on "(*Chloris gracilis* Humb. "....[H.B.K.]
= *Leptochloa domingensis* See Type
Peru

Eleusine inaequalis Fourn. in Hemsl. Biol. Centr.

Amer. Bot. 3: 565. 1885; Fourn. Mex. Fl. 2: 145.
1886.

"Vera Cruz (Gouin n. 67...); Orizaba (Bott. n. 125,
126, et 1258 in herb. Van Heurck); Izhuatlancillo,
(Bourg. n. 2378 part.); Chapultepec (Schaffn. n. 34)
San Luis de Fotosi (Virli.)."
= *E. indica* T.

Eleusine indica (L.) Gaertn. f. Fruct. & Sem. 1: 8.

1788.

Based on *Cynosurus indicus* L. Man. U. S.
India

Eleusine indica Steud. Syn. Fl. Glum. 1: 211. 1854,

as syn. of *Eleusine japonica* Steud. Not Gaertn.,
1788.

Eleusine indica var. *barcinonensis* (Costa) Richt.

Fl. Bur. 1: 67. 1890.

"*Eleusine barcinonensis* Costa ap. Willk. in Linn."
Spain

Eleusine indica var. *brachystachya* Trin. Gram. Icon.

1: pl. 72. 1827.

"*Triticum geminatum* Spr." [Monte Video, Sello]
Cited as syn.
Southern Brazil

Eleusine indica var. *condensata* Doell in Mart. Fl.
Bras. 2³: 86. 1878.

"in Brasilia meridionali et ad Montevideo (Sello)."

Eleusine indica var. *coracana* (Gaertn.) Fiori, Nuov.

Fl. Anal. Ital. 1: 114. 1923.

Based on *E. coracana* Gaertn.

= " " "

Eleusine indica var. *intermedia* Chiov., Webbia

8: 113. 1951.

Portino di El Dire, 21 Mag. (n. 702, 703).
Southern Abyssinia

Eleusine indica var. *major* Fourn. Mex. Fl. 2: 145. 1886.

"Jicaltepec (Karw., Liebm. n. 223,...); in itinere
a Colipa ad Jicaltepec (Karw.); Paso de Doña Juana
(Liebm. n. 222); Mundo nuevo (Karw. n. 955); Morro,
Rancho nuevo (Liebm. n. 227....)"
= *E. indica* Mexico

Eleusine indica var. *minor* Meyen, Reise Erde 1: 92.
1834, no description.

Wayside grass of Rio de Janeiro, Brazil. Meyen

Eleusine indica var. *monostachya* F. M. Bailey,

Queensl. Fl. 6: 1898. 1902.

"Hab.: Irvinebank, F. Bennett; Brisbane River, J. F.
Bailey (this spec. was obtained in a garden and may
have been obtained attached to other plants received
from the north."

Australia

Eleusine indica var. *oligostachya* Honda, Bot. Mag.

Tokyo 41: 636. 1927.

"Formosa: Bakyu (B. Hayata, anno 1919."

Eleusine indica var. *pumila* Aschers. & Graebn. Syn.

Mitteleur. Fl. 2: 91. 1899.

Europe

Eleusine indica var. *sandaensis* Vanderyst, Etude

Agrost. Agr. Trop. 75. 1921.

(No. 5459). Congo Belge. Africa

Eleusine indica var. *stricta* (Roxb.) Chiov. Nuov.

Giorn. Bot. Ital. n. ser. 26: 83. 1919.

Presumably based on *Eleusine stricta* Roxb.
India

Eleusine indica var. *tristachya* (Lam.) Fiori, Nuov.

Fl. Anal. Ital. 1: 114. 1923.

Based on *Cynosurus tristachyus* Lam.

"Kth." erroneously cited as author of *tristachya*.
= *E. tristachya* (Lam.) Lam.

Uruguay

Eleusine indica var. *typica* Fiori, Nuov. Fl. Anal.

Ital. 1: 114. 1923.

= *Eleusine indica*
India

Eleusine Jaegeri Pilger, Bot. Jahrb. Engler 43: 93. 1909.

"(Jäger n. 378)"
"Deutsch-Ostafrika"

Eleusine Jaegeri var. *maxima* Peter, Repert. Sp. Nov. Fedde Beih. 40: Anhang, 78. 1930; 272. 1931.

"D O Afr., Meru: im Krater des Meru"
"Specimina authentica: Peter 2476."
Tanganyika Africa

Eleusine japonica Steud. Syn. Fl. Glum. 1: 211. 1854.

"*E. indica* Steud. Hrbr. Goering nr. 7. Japon."
Japan, Asia

Eleusine juncea Bojer, Hort. Maurit. 370. 1837, nom. nud.

Madagascar

Eleusine lagopoides (Burm.f.) Merr. Philippine Journ. Sci. 19: 339. 1921.

Based on: *Cynosurus lagopoides* Burm.f. based on Plukenet, Amalth. 13. t. 357. f. 4.
not a grass

Misapplied to *Coelachyum lagopoides* (Burm.f.) ined.
Coromandel, India

Eleusine leucosperma Bernh. ex Steud. Nom. Bot. ed. 2. 1: 549. 1840, as syn. of *E. oligostachya*

= *E. oligostachya* Link ?
Hort. Berol

Eleusine lima (L.) Lam. Tabl. Encycl. 1: 203. 1791.

"Ex Hispania. *Cynosurus lima* L."
= *Wengenheima lima* (L.) Moench
Spain

Eleusine macrosperma Stokes, Bot. Mat. Med. 1: 150. 1812.

"In the garden of Mr. S. Shore, from seeds from the Calcutta garden."
India

Eleusine macrostachya Benth. Journ. Linn. Soc. Bot. 19: 107. 1881.

Incidental mention:
"Arthroclasma Boiv. in herb. J. Gay, is a remarkable Madagascar species." [See generic index]

Gives descr. of *E. macrostachya* Benth.
(Transferred to *Solerodactylon macrostachyum* (Benth) A. Camus 1932.)
Madagascar

Eleusine madagascariensis Baron, Rev. Madagaso. 8: 841. 1906, nom. nud. See also Benth. & Hook. Gen. Fl. 3: 1172. 1883 where sp. is indicated and short description given, and *E. macrostachya* Benth. 1881, based on same coll.

"Arthroclasma Boiv. in Herb. J. Gay."
[Madagascar]

Eleusine marginata Lindl. in Mitch. Three Exped. 1: 315. 1838. (Pritzel gives 1839 for vols. 1-2)

Australia along the Bogan

"Glensine" error p. 315.

Eleusine monostachys (Vahl) Spreng. Syst. Veg. 1: 349. 1825.

Based on "(*Cynosurus monostachys* Vahl.)"
Ind. or. König

Eleusine mucronata Michx. Fl. Bor. Amer. 1: 65. 1803.

"Hab. in cultis Illinoisensibus." Michaux.
= *Leptochloa filiformis* Man. U. S.

Eleusine mucronata Stokes, Bot. Mat. Med. 1: 150. 1812. Not Michx. 1803.

"Specimen gathered by Broughton in Jamaica."
Jamaica

Eleusine mucronata Hornem. Hort. Hafn. Suppl. 116. 1819. Not Michx. 1803.

Same sp. as Stokes 1812, but different type.

"*Dactyloctenium* W. E."

[Based on *Dactyloctenium mucronatum* Willd., this based on *Chloris mucronata* Michx.,]
= *Dactyloctenium aegyptium* Man. U. S.

Eleusine multiflora Hochst. Flora Intell. 24: 19. 1841. nom. nud. ex A. Rich. Tent. Fl. Abyss. 2: 412. 1851.

"in pl. Schimp. Abyss., sect. 1, no. 110."

"Crescit in pratis et locis graminosis circa Adowa, nec non in provincia Chiré (Martin Dillon et Schimper)."

Abyssinia Africa

Eleusine oligostachya Link, Hort. Berol. 1: 60. 1827.

"Hab." hort.

Eleusine ovalis Ehrenb. ex Sweet, Hort. Brit. Ed. 2. 571. 1830.

"Egypt."

Eleusine pectinata Moench, Meth. Fl. Suppl. 68. 1802.

"*Cynosurus aegyptius* L." cited, this = *Dactyloctenium aegyptium* (L.) Beauv.

"h. H." Marburg (hort.)
Germany

Eleusine penicillata (Vahl) Spreng. Syst. Veg. 1: 350. 1825.

"Ind. or. (*Cynosurus penicillatus* Vahl, ".....

= *Chloris penicillata*?
Ind. Or.

Eleusine poaeiflora Chiov. Ann. Bot. Roma 10: 409. 1912.

"= *Coelachyum poaeiflorum* Chiov."

Deserto di Ogaden. Somali. (D. Riva n. 303 (150).
Abyssinia

Eleusine polydactyla Steud. Syn. Fl. Glum. 1: 211. 1854.

"Hrbr. Cuming. nr. 824. Ind. Philippinae."

= *E. indica* fide Merr. Enum. Phil. Fl. Fl.

Eleusine polystachya P. Muell. Fragm. Phyt. Austr. 1: 216. 1859.

"Ad fluminis Murchison ripas altiores. Pembert. Walcott."
= *Leptochloa digitata* (R. Br.) Domin
Australia

Eleusine proera Spreng. ex Steud. Nom. Bot. ed. 2. 1: 549. 1840, as syn. of *Uniola racemiflora*

= *Uniola virgata* (Poir.) Griseb.
West Indies

Eleusine prostrata (Willd.) Spreng. Syst. Veg. 1: 350. 1825.

Based on *Dactyloctenium prostratum* Willd.
Cites: "Ind. or. (*Dactyloctenium* W.)"
= *Dactyloctenium aegyptium*
Malabar Ind.

Eleusine racemosa Heyne ex Roem. & Schult. Syst. Veg. 2: 583. 1817.

Both, Nov. Fl. Sp. Ind. Orient. 80. 1821.
"D. B. Heyne---India orientali."

Eleusine radulans R. Br. Prodr. Fl. Nov. Holl. 186. 1810.

"(T.) Littora Novae Hollandiae intra tropicum."
= *Dactyloctenium radulans* (R. Br.) Beauv.
Australia

Eleusine reniformis Divak. Madras Agric. Journ. 46: 485. 1859.

Typus lectus--1950 inter semina ex Africa Orientali. Cum vero typus abfuerit annis praecedentibus inter semina ex Africa missa, praesumitur typus restrictus quibusdam saeculis Africae Orientalis tantum.

[Seed from Africa, grown in Agricultural Research Station, Kovilpatti.]

Eleusine rigida Spreng. Syst. Veg. 4. Cur. Post. 36. 1827.

"Patria? (*Cynosurus rigidus* Hort. berol.)."
This nom. nud.

Eleusine rigidifolia Fourn. in Hemsli. Biol. Centr. Amer. Bot. 3: 565. 1885, nom. nud.; Fourn. Mex. Fl. 2: 146. 1886.

"In arenis prope Vera Cruz (Gouin); Oajaca (Chiesbreght)."

= *E. indica* T.
Mexico

Eleusine Robecchii Chiov. Ann. Ist. Bot. Roma 6: 171. pl. 19. 1896.

"Habitat.--Wuadi Daremo, Ras Maber."

[Somali, raccolte dall'ing. L. Robecchi - Brichetti]
Somalia Africa

Eleusine scabra Fourn. in Hemsli. Biol. Centr. Amer. Bot. 3: 565. 1885, nom. nud.; Fourn. Mex. Fl. 2: 145. 1886.

"Secus agros prope Mejico (Bourg. n. 1030, 2378 part.); San Luis de Potosi (Virl. n. 1435); Orizaba (Billimek n. 454 in herb. Coss., Thomas in herb. Buchinger, Bourg. n. 2743....n. 2634....F. Mull. n. 1392); Vera Cruz (Gouin n. 67)."

= *E. indica*

Mexico

Eleusine somalensis Hack. Mém. Herb. Boiss. 20: 6. 1900.

"Somal-Land: Webi-Habir (Keller)."

= *Drake-Brookmania somalensis* (Hack.) Stapf.

(Illust. Hook. Icon. pl. 3455. 1947.

Eleusine sparsa Muhl. Cat. Fl. 12. 1813; Deser. Gram. 135. 1817.

Based on *E. filiformis* Pers.

"Habitat in Carolina et Georgia"

= *E. filiformis* (Lam.) Beauv. Man. U. S.

Eleusine sphaerosperma Stokes, Bot. Mat. Med. 1: 149. 1812.

"Specimen gathered in the Paris garden."

Eleusine stolonifera R. Br. in Salt, Voy. Abyss. App. 62. 1814, nom. nud.

Abyssinia

Eleusine stricta Roxb. Hort. Beng. 8. 1814, without descr.; Fl. Ind. ed. Carey, 1: 344. 1820.

"In the Rajamundry Circar."

India

Eleusine stricta Willd. ex Steud. nom. Bot. ed. 2. 1: 549. 1840, as syn. of *Leptochloa filiformis*. Not Roxb., 1820.

Eleusine stricta var. *alboabbreviata* Cif. Atti. Ist. Bot. Univ. Pavia V. 2: 172. 1944.

Cult. in Ethiopia

Eleusine stricta var. *alboelongata* Cif. Atti Ist. Bot. Univ. Pavia V. 2: 172, 173. 1944.

Cult. in Ethiopia

Eleusine stricta var. *fuscoabbreviata* Cif. Atti Ist. Bot. Univ. Pavia V. 2: 172. 1944.

Cult. in Ethiopia

Eleusine stricta var. *fuscoelongata* Cif. Atti Ist. Bot. Univ. Pavia V. 2: 172, 173. 1944.

Cult. in Ethiopia

Eleusine stricta var. *rufosabbreviata* Cif. Atti Ist. Bot. Univ. Pavia V. 2: 172. 1944.

Cult. in Ethiopia

Eleusine stricta var. *rufoclongata* Cif. Atti Ist. Bot. Univ. Pavia V. 2: 172, 173. 1944.

Cult. in Ethiopia

Eleusine tenerrima Hornem. Hort. Hafn. 1: 79. 1813.

"Hab. in China."

Basis of *Leptochloa tenerrima* (Hornem) Roem. & Schult.

China

Eleusine Tocussa Fresen. Mus. Senck. 2: 141. 1837.

"*Eleusine Tocussa* Fresen. Catal. sem. hort. bot. Francof. ann. 1834." cited. [Agr. Libr. says "not in Washington."]

Grown in the botanical garden of Francof. [Frankfurt] from seed from Abyssinia. Tocussa--common name.

Above is same as Beiträge zur flora von Abyssinien.

Africa

Eleusine tristachya (Lam.) Lam. Tabl. Encycl. 1: 203. 1791.

Based on *Cynosurus tristachyus* Lam.

Same comb. made by Kunth, Rev. Gram. 1: 92. 1829.

Man. U. S. Uruguay

Eleusine tristachya Schrank, Syll. Ratisb. 1: 191. 1824. Not *tristachya* Lam. 1791.

No loc. cited

Eleusine unioloides Willd. ex Steud. Nom. Bot. ed. 2. 1: 549. 1840, as syn. of *Leptochloa virgata*

= *Leptochloa virgata*

Eleusine verticillata Roxb. Hort. Beng. 8. 1814, without descr.; Fl. Ind. ed. Carey, 1: 346. 1820.

"A native of moist pasture ground."

[India]

Eleusine virgata (L.) Pers. Syn. Fl. 1: 87. 1805.

Based on "*Cynosurus virgatus* L."

Jamaica

Eleusine Wallichii Munro ex Hook.f. Fl. Brit. Ind. 7: 295. 1896, as syn. of *Eleusine brevifolia* "Br. in Wall. Cat. n. 3815." "Munro Mss." List.

= *Coelachyrium brevifolium* (Hookst) Nees

Egypt--Arab.

Eleusine yemensis (Schweinf.) Chiov. Ann. Bot. Roma 10: 410. 1912.

Based on *Cypholepis yemensis* Schweinf.

Africa Arabia

Elictotrichon sempervirens Bess. ex Andr. Rys. Botan.

1: 9. 1823, nom. nud. Only the word "(rarius)" in list.

= *Avena besseri*.

Andrzejewskiego, Antoniego Lukiuwowiez

"Wilno" on title page [= Vilna, Lithuania]

[1] *Elyonurus adustus* (Trin.) Ekman, Ark. för Bot. 13¹⁰: 6. 1913.

Based on *Andropogon adustus* Trin.

[*E. latiflorus* = this. A.C.]

Chili, Brazil, S. Amer.

Elyonurus adustus var. *calvescens* (Hack.) Hicken, Darwiniana 1: 107. 1924.

Based on *E. latiflorus* var. *calvescens* Hack.

Paraguay (Balansa)

Elyonurus agropyroides (Hack.) Roberty, Fl. Ouest-Afr. 409. 1954.

Based on *Eottboellia agropyroides* Hack.

Angola, Africa.

Elyonurus argenteus Nees, Fl. Afr. Austr. 95. 1841.

"In montium Witbergen locis saxosis alt. 6000-6500 (Worcester), ad Philippetown urbem in monte Winterberg alt. IV. et in montium Zurebergen diotorum declivibus saxosis septentrionem spectantibus alt. 3000' (Ceded Territory), in graminosis ad Katrivier fluvium alt. 2500-3000' inter Outento et Omsamulo infra 500', (Drège)."

Africa

Elyonurus argenteus var. *caespitosus* (A. Rich.) Hack. in DC., Monogr. Phan. 6: 340. 1889.

Based on "*Andropogon caespitosus* A. Rich."

Abyssinia

Elyonurus argenteus var. *kindunduensis* Vanderyst, Bull. Agr. Congo Belge 9: 237. 1918.

"(Noyen-Kwilu): Leverville, Gangangala, Kindundu, etc."

Congo Belge Africa

Elyonurus argenteus var. *thymiodora* (Nees) Stapf in Thiseit.-Dyer Fl. Cap. 7: 333. 1898.

Based on "*E. Thymiodorus* Nees, Africa"

(Terra Caffrorum) Ecklon [Africa]

Elyonurus barbiculmis Hack. in DC. Monogr. Phan. 6: 339. 1889.

"America bor.: W. Texas (Wright 804 ex p.); New Mexico (Wright 2106); Arizona (Lamson 2926); Rothrock 638.

Type

Man. U. S.

Elyonurus barbiculmis var. *parviflorus* Scribn. U. S. Dept. Agr. Div. Agrost. Circ. 32: 1. 1901.

"Dragoon Mountains, No. 1849. Griffiths."

Arizona

= *E. barbiculmis* Hack. Man. U.S.

Elyonurus bilinguis (Trin.) Hack. in Mart. Fl. Bras. 23: 308. 1883.

Based on "*Andropogon bilinguis* Trin."

Brazil

Elyonurus brazzae Franch. Bull. Soc. Hist. Nat. Autun. 8: 323. 1893.

"Hab.--La plaine de Mpila près de Brazzaville (J. de Brazza et Thollon, n. 63)"

French Congo [Africa]

Elyonurus candidus (Trin.) Hack. in Mart. Fl. Bras. 23: 306. 1883.

Based on "*Andropogon candidus* Trin."

Brazil

Elyonurus candidus var. *bisetosus* Hack. & Lindm. in Lindm. Svensk. Vet. Akad. Handl. 34(6): 5. pl. 1. 1900.

"Hab. in Brasilia australi....Exp. I. Regnell., A. 675." [Lindman]

Elionurus Chevalieri Stapf, Mém. Soc. Bot. France
8b: 100. 1908.

"Aug. Chevalier" "No. 341."

"Haut - Niger - Sangorola près Kouroussa,"

Africa

[no. 7713 Chevalier, Haut-Chari" also cited]

Elionurus ciliaris H.B.K. Nov. Gen. & Sp. 1: 193. pl.
63. 1816.

"In sylvis Orinocoensis prope Esmeraldam."

Venezuela, Humb. & Bonpl.

= *E. tripsacoides* var. *ciliaris* (H.B.K.) Hack.

Elionurus ciliaris H.B.K., misappl. by Nees, Agrost.
Bras. 356. 1829.

Basis of *E. candidus* Trin.

Brazil

Elionurus citreus (R. Br.) Munro ex Benth. Fl.
Austral. 7: 510. 1878.

Based on "*Andropogon citreus* R. Br."

Australia

Elionurus dubius Nees, Agrost. Bras. 358. 1829.

"Habitat in marginibus sylvarum prope Almada et
Ferradas, prov. Bahiensis."

Brazil

[*Andropogon tener* var. *dubius* (Nees) Hack.]

Elionurus elegans Kunth, Rev. Gram. 1: 161. 1829,
nom. nud.; 2: 361. pl. 94. 1830.

"Senegalia." [Perrot. 897]

Africa

Elionurus gabonensis (Steud.) Roberty, Fl. Ouest-Afr.
409. 1954.

Based on *Jardinea gabonensis* Steud.

Elionurus glaber Phillips, Bothalia 3: 261. 1937.

"Pretoria distr.: Near Pretoria, Liebenberg 3241
(typus)."

Transvaal, Africa

Elionurus glaber var. *villosus* Phillips, Bothalia
3: 261. 1937.

Specimens from Orange Free State, Cape Province,
and Transvaal, cited, but type not designated.

Elionurus gobariensis Vanderyst, Bull. Agr. Congo
Belge 13: 326. 1922.

Cult.
"dans les marais de la source de la Gobari."

Africa.

Elionurus grisebachii J. A. Schmidt, Beitr. Fl. Cap.
Verd. Ins. 154. 1852.

"Hab. 1) In collibus apricis, in arenosis ins. S.
Vinoentii frequens, Janr. 1851! 2) In locis arenosis
humidiusculis ins. Boa Vista, Febr. 1851!"

Cape Verde Isls. Africa

= *E. Royleanus* in Hack.

Elionurus hensii Schum. Bot. Jahrb. Engler 24: 326.
1898.

"Congogebiet: auf trockenen, felsigen Orten bei
Kiengi Lutete (Hens n. 285)"

[Africa]

Elionurus hensii var. *kindunduensis* Vanderyst, Bull.

Agr. Congo Belge 11: 140. 1920, without description

Belgian Congo, Africa.

Elionurus hirsutus (Vahl) Munro in Benth. Journ.

Linn. Soc. Bot. 19: 68. 1881.

Based on "*Rottboellia hirsuta* Vahl."--valid in Hack.

Egypt

Elionurus hirtifolius Hack. in DC. Monogr. Phan.

6: 341. 1889.

"Africa tropica: Nupe ad fl. Niger (Barter in exped.
Baikiana n. 1176)."

Elionurus latiflorus Nees ex Hack. in Mart. Fl. Bras.
2(3): 307. 1883.

(Nees ex Steud. Syn. Fl. Glum. 1: 364. 1854, species
not mentioned, only: "mpt. sub: *Elionurus*". Given
as *Andropogon latiflorus* Nees.)

"Habitat in Brasilia (Sello) [first cited]

South Amer.

= *E. adustus* (Trin.) Ekm.

Elionurus latiflorus var. *adustus* (Trin.) Hack. in
Mart. Fl. Bras. 2(3): 307. 1883.

Based on "*Andropogon adustus* Trin."

= *Elionurus adustus* (Trin.) Ekm.

Brazil

Elionurus latiflorus var. *calvescens* Hack. in DC.
Monogr. Phan. 6: 337. 1889.

"Paraguay (Balansa 295)"

= *E. adustus* var. *calvescens* (Hack.) Hickm.

Elionurus latiflorus var. *gracilescens* Hack. in DC.
Monogr. Phan. 6: 337. 1889.

"Brasilia (Pohl. in h. Vind.); Paraguay (Balansa
295a, 296); Argentina (ex Griseb., qui Bal. 296
citat); Peruvia or. pr. Tarapoto (Spruce 4500)."

= *E. adustus* var. *gracilescens* (Hack.) ined.

Elionurus latiflorus var. *pectinatus* Hack. Repert.
Sp. Nov. Fedde 7: 369. 1909.

"Paraguay: Sierra de Amambay in declivibus. Jan.
1908. Hassler no. 10744, leg. Rojas."

= *Elionurus adustus* var. *pectinatus* (Hack.) ined.

Elionurus Ledermannii Pilger, Bot. Jahrb. Engler
45: 207. 1910.

"Kamerun: zwischen Garua und Mao Madi, auf sandiger,
sehr lichter Baumsavanne, 360 m.ü.M. (Ledermann
n. 3605.--Fruchtend in Mai 1909)."

[Africa]

Elionurus lividus Hack. in DC. Monogr. Phan. 6: 337.
1889.

"Paraguay in campis ad Caaguaza (Balansa 294) et in
Cordill. de Peribebuy (294a)."

Elionurus megapotamicus (Spreng.) Herter, Rev. Sudamer.
Bot. 6: 135. 1940.

Based on *Anatherum megapotamicum* Spreng.

referred with ? to *Elionurus rostratus* Nees in
Hack. Monogr.

Rio Grande, Sello, Brazil.

Elionurus muticus (Spreng.) Kuntze, Rev. Gen. Fl.
3(3): 350. 1898.

Based on *Lycurus muticus* Spreng.

referred to *Elionurus candidus* (Trin.) Hack. in
Hack. Monogr. p. 338.

Montevideo, Sello
Uruguay, S. America.

Elionurus muticus var. *calvescens* (Hack.) Hack. ex
Kuntze, Rev. Gen. Fl. 3(3): 350. 1898.

Presumably based on *E. latiflorus* var. *calvescens*
Hack.

= *E. adustus* var. *calvescens* (Hack.) Hickm.

Paraguay (Balansa 295)

Elionurus muticus var. *gracilescens* (Hack.) Hack.
ex Kuntze Rev. Gen. Fl. 3(3): 350. 1898.

Presumably based on *Elionurus latiflorus* var.
gracilescens Hack.

"Pohl 5051 in herb. Vind [Vienna] probably type--
see A.C. note on Hack. Hb. no. 484.

Brasil, Paraguay.
Argentina, Peru.

Elionurus nuttallianus Benth. ex Vasey, Grasses U. S.
17. 1883.

Based on *Andropogon nuttallianus* Chapm. [error for
Nuttallii Chapm.]

= *Elionurus tripsacoides* Humb. & Bonpl. ex Willd.
Man. U. S.

Elionurus nuttallii (Chapm.) Vasey, Desor. Cat.
Grasses U. S. 25. 1885.

Based on "*Andropogon nuttallii* Chapm."

= *E. tripsacoides* Humb. & Bonpl. ex Willd. Man. U.S.
Fla. & the lower districts of Ga. Sept.

[U. S.]

Elionurus pallidus Schum. Bot. Jahrb. Engler 24: 326.
1898.

"Sierra Leone (Afzelius n. 13)"

[Africa]

Elionurus papuanus Laut. & Schum. in Schum. & Laut.
Fl. Deutsch. Schutzgeb. Sudsee 171. 1901.

"Kaiser Wilhelmsland: Huon-Golf, Samoa-Bai, in
Alangfeldern (Lauterbach n. 716...."

New Guinea

Elionurus pertusus Nees ex Steud. Syn. Fl. Glum. 1: 364.
1854, as syn. of *Andropogon pertusus* Willd.

= *Andropogon pertusus*.

Elionurus platypus (Trin.) Hack. Bol. Soc. Broteriana
3: 135. 1885; DC. Monogr. Phan. 6: 335. 1889.

Both based on "*Andropogon platypus* Trin."

Sierra Leone--Africa

Elionurus Pobeguini Stapf, Journ. de Bot. 19: 99.
1905.

"Pobéguin 517."

"Guinée française: Kouroussa."

French Guinea, Africa

Elionurus pretoriensis Phillips, Bothalia 3: 262. 1937.

Transvaal. ...Zos grounds, Pretoria, Mogg in Nat.
Herb. 20576 (typus)."

South Africa

Elionurus prostratus Kunth, Enum. Pl. 1: 480. 1833.

Error for *E. rostratus* Nees.

Uruguay

Elionurus rostratus Nees, Agrost. Bras. 357. 1829.

"Habitat in eo provinciae Monte Video districtu,
quem Rio grande do Sul flumen alluit. (Sellow.)
(V. in Herb. Reg. Berol.)"

Uruguay

Elionurus royleanus Nees ex A. Rich. Tent. Fl. Abyss.
2: 471. 1851.

"in pl. Schimp. Abyss., sect. II, no. 795."

"Crescit in declivitatibus ad fluvium Tazaze ripam
sinistram (Schimper)."

Abyssinia

Elionurus royleanus var. *albiflorus* A. Terraco. Ann.
Ist. Bot. Roma 5: 94. 1894.

"...terra ferma, sulle colline presso Ras Morah
(March 24)."

East Africa

Elionurus royleanus var. *insularis* A. Terraco. Ann.
Ist. Bot. Roma 5: 94. 1894.

"...terra ferma da Haressan a Ferehan (March 24);
isola Midir, la forma pygmaea (March 22)."

East Africa

Elionurus Royleanus var. *niveus* Chiov. Nuov. Giorn.
Bot. Ital. n. ser. 19: 416. 1912.

"Hamasen: Ghinda, 960 m., 10-IV (n. 1211)."
[Colonia] Eritrea

Africa

Elionurus tenax Stapf, Kew Bull. Misc. Inf. 1909: 422.
1909.

"French Guinea: Kankan, Bardou 15, 36."

Africa

aff. *E. Pobeguini* Stapf

Elionurus thimiodorus Nees, Fl. Afr. Austr. 1: 95.
1841.

"In monte Katrivierberg dioto alt. V-VI. trans-
sylvanum terminos (Terra Caffrorum), Eoklon."
[Kaffrorum]

[So. Africa]

Elionurus Trapnellii C. E. Hubb. Kew Bull. Misc. Inf.
1933: 498. 1933.

"Northern Rhodesia: Mazabuka, Central Research
Station, ...in sandy loam soils, Trapnell 846 (type)."

aff. *E. Welwitschii* Rendle

Elionurus tripsacoides Humb. & Bonpl. ex Willd. Sp.
Pl. 4: 941. 1806.

(H.B.K. Nov. Gen. & Sp. 1: 192, pl. 62. 1815 cites
Willd. Sp. Pl. but has an expanded description.)

"Habitat in Caracas" Humb. & Bonpl., collectors

Venezuela

Elionurus tripsacoides var. *brevidentatus* Hack. in DC.
Monogr. Phan. 6: 334. 1889.

"Paraguay (Bal. 296a)."

Elionurus tripsacoides var. *brevidentatus* subv.

ambiguus Henr. Med. Rijks. Herb. Leiden No. 40: 41.
1921.

"Nord-Argentinien...Kampes von Minafleres, 19. Oct.
1910 (No. 1020)."

Argentina

Elionurus tripsacoides var. *ciliaris* (H.B.K.) Hack. in
DC. Monogr. Phan. 6: 333. 1889.

Based on *E. ciliaris* H.B.K.

"Orinocoensis prope Esmeraldam"

Venezuela

Humb. & Bonpl.

Elionurus tripsacoides var. *sericeus* Hack. in DC.
Monogr. Phan. 6: 334. 1889.

"Mexico pr. Mirador (Liebm. 656 in h. ber.)"

[see Type]

Elionurus tripsacoides var. *subcaudatus* Kuntze, Rev.

Gen. Pl. 3: 251. 1898.

[error for *tripsacoides*]

"Argentina: Provinz Santiago und Santa Fé."

Elionurus tristis Hack. in DC. Monogr. Phan. 6: 331.
1889.

Madagascar; in collibus apricis pr. Andrangoloaka,
prov. Imerina orient. (Hildebrandt 3758)."

Elyonurus urelytroides Roberty, Fl. Ouest-Afr.
409. 1954.

Jardinia *urelytroides* Roberty in clavi, gallice- Afr.

Africa, trop. -ooo.

Elionurus viridulus Hack. in Stuck. Anal. Mus. Nao.
Buenos Aires 13: 414. Dec. 1906.

Stuckert Herb. arg. 15, 344.

Corboba, Argentine

Elionurus welwitschii Rendle, Cat. Afr. Fl. Welw.
24: 137. 1899.

"Fungo Andongo.-Candumba; ...No. 2711."

[Welwitsch, Coll.]

Angola

Elionurus wombaliensis Vanderyst, Bull. Agric. Congo
Belge 9: 237. 1918; Bull. Agric. Congo Belge
13: 325. 1922.

"Bas-Kasai: Wombali" - Congo Belge.

Belgian Congo

[also spelled *Elyonurus*]

Elymandra androphila (Stapf) Stapf in Prain, Fl. Trop.
Afr. 9: 408. 1919.

Based on *Andropogon androphilus* Stapf

Guinée française: Kouroussa (Pobéguin 521)

Elymandra monostachya Jacques-Felix, Rev. Internat.
Bot. Appl. Agric. Trop. 30: 170. f. 11-1. 1950.

Guinée française: Kindia sur les grés horizontaux
(Jacques-Felix 238).

Africa

Elymandra subulata Jacques Felix, Rev. Internat. Bot.
Appl. Agric. Trop. 30: 170. f. 11-2. 1950.

Guinée française: Kindia (Jacques-Felix 172, 454)
Fouta-Djallon (Chevalier 20334 bis, 34620; Pobéguin
1510).

Africa

X *Elymopyrum strictum* (Dethard) Ciferri & Giacom.
Nomencl. Pl. Ital. Pt. 1: 52. 1950.

Based on *Triticum strictum* Dethard [Comp. Fl.
Megalop. 11. 1828.]

Greek Isls.?

X *Elymordeum berkeleyanum* Bowden, Canadian Journ. Bot.
36: 109. 1957.

"*Hordeum brachyantherum* Nevski (!) 568-5 ex Almonte,
Marin Co., Cal., X *Elymus condensatus* Presl (!), ---
2859 ex Gorman, Los Angeles Co., Cal.

Typification: Artificial hybrid No. 621-3, produced
by Stebbins, Berkeley, Cal. --- June 14, 1947
(holotype, UC!; photograph, DAO!)."

X *Elymordeum bowes-lyonii* Melderis in Bor, Grasses of
Burma, Ceylon, India and Pakistan 699. 1960.

Pakistan: Chitral: Turkho, sandy soil by the water
channel, 29/6. 1958, S. A. Bowes-Lyon 1034.
(Holotypus in Herb. Mus. Brit.).

"Resembles X *Elymordeum schmidii* Melderis, from which
it differs in its lemmas glabrous on the back and
scaberulous toward the tip---."

X *Elymordeum dakotense* Bowden, Canadian Journ. Bot.
36: 107. 1957.

X *Hordeum jubatum* L. X *Elymus canadensis* L.
(holotype US 730679!)

South Dakota: Brookings, J. T. Sarvis No. 3, 8/11
(holotype US 730679!)

X *Elymordeum dutillyanum* Lepage, Naturaliste Canadien
84: 97. f. 3. 1957.

"*Elymus mollis* Trin. X *Hordeum jubatum* L.
Quebec: Baie James, Vieux Comptoir 520-37 N.,
78° 42' 0" sur le haut rivage, 29 juil. 1954.
Dutilly, Lepage & Duman 32996."

X *Elymordeum montanense* (Scribn.) Bowden, Canadian
Journ. Bot. 36: 109. 1957.

Based on *Hordeum montanense* Scribn. in Beal,
Grasses N. Amer. 2: 644. 1896.

"*Elymus virginicus* L. X *Hordeum jubatum* L."

Montana, Scribner 430 (holotype, labeled type by
Scribner, US!; photo, DAO!; isotype, GH!)"

X *Elymordeum montanense* var. *pubescens* Bowden, Canadian
Journ. Bot. 36: 113. 1957.

"*Elymus virginicus* L. X *Hordeum jubatum* L." ---
holotype excluded; ---differt lemmatibus pubescentibus.
"*Elymus virginicus* L. X *Hordeum jubatum* L."

Typification of nm. *pubescens*: Montana, Scribner 429
(labelled 430---second sheet 430, on label the
words "*Elymus* with No. 25, ---"

"---parentage of X *Elymordeum montanense* nm. *pubes-*
cens appears to be *Elymus virginicus* L.f.
hirsutiglumis (Scribn.) Fern. X *Hordeum jubatum* L.
var. *jubatum*."

X *Elymordeum piperi* Bowden, Canadian Journ. Bot.
36: 106. 1957. hybr. nov.

X *Hordeum jubatum* L. X *Elymus triticoides* Buckl.
US 1167887! Oregon: Hot Lake, C. V. Piper s.n.,
June 22, 1921 (holotype)

X Elymordeum schaeckianum Bowden, Canadian Journ. Bot.

36: 105. 1977, hybr. nov.

X Elymus hirsutus Presl **X Hordeum brachyantherum** Nevski.

Alaska: Aleutian Isl.: Attu Island, vicinity of Massacre Bay---Lt. G. B. Van Schaack 849. Aug. 10, 1945 (holotype DAO, isotype MO); Attu Isl.: Sarana Valley near---Lake Nicholas---G. W. Soule, M.D. 521. Sept. 2, 1945.

X Elymordeum schmidtii Melderis in Bor, Grasses of

Burma, Ceylon, India and Pakistan 696. 1960.

Pakistan: Prov. de Chitral: haute vallée de Yarkhun. Hauts pâturages, 4000m, 22-27/8 1954, P. Schmid 2334 (holotypus in Herb. Mus. Genev.).

X Elymordeum stebbinsianum Bowden, Canadian Journ. Bot.

36: 108. 1957.

"Hordeum brachyantherum Nevski (♀), parent, 401-3, ex Berkeley, Cal. herb. 2747; X Elymus glaucus Buokl. (♂) pollen parent, 404-2, ex Santa Paula, Calif. herb. no. 2866. Typification: Artificial hybrid no. 558-1, Stebbins et al., Amer. Journ. Bot. 33: 579, 586, figs. 1D, 2D, 3F, 30 1946. Stebbins Aug. 7, 1945 (holotype, UC! photo, DAO!)"

Specimens cited (p. 109) from California, Oregon, Washington.

X Elymordeum triploideum Bowden, Canadian Journ. Bot.

36: 107. 1957. Based on description and figs. of

Baotjseef and Darevskaja, Bot. Zhura. Akad. Nauk.

S.S.S.R. 35: 188-191 and Figs. 1-3. 1950. In

Russian.
X Hordeum zizini (Baotj & Dar.) Mansf. ex Stubbe apud Zizina et Petrova in Der Zücher 25: 164. 1955. Nom. invalid, (no Latin descr.) based on X Hordeum zizini Baotj. et Dar. nom invalid (no Latin descr.)

Hordeum distichum L. cultivar 'Wiener' (♀) n = 7x
Elymus racemosus Lam. var. racemosus (♂) n = 14.

Elymotrigia bergrothii (Lindb.F.) Hylander, Bot. Notiser

1953: 358. 1953.

Apparently cited as syn. of "Agropyrum X repens X Elymus arenarius."

Elymotrigia striata (Dethard) Hylander, Bot. Notiser

1953: 358. 1953.

Based on Triticum striatum Dethard.

perennial = Agropyron

X Elymotritium strictum (Dethard) P. Fourn. Quatre

Fl. France 88. 1935; ed. 2. 88. 1946.

Based on Triticum strictum Dethard

1946--"Elymus arenarius X Triticum junceum = Elymotritium P. Fourn.

see card for Elymopyrum same basis

Elymus acicularis Suksdorf, Werdenda 12: 3. 1923.

"Bingen, 15. Juni 1915; 4. Aug. 1922, Nr. 7861.-- Dieses Gras wurde im Jahre 1906 in Portland, in Oregon, auf Ballast gefunden (meine Nummer 723, Oregon)...."

= E. triticooides Man. U. S.

Elymus aegyptiacus Spreng. Syst. Veg. 1: 328. 1825.

Type loc.: "Aegypt. inf. (E. geniculatus Delil.)"
Lower Egypt.

Elymus agropyroides Presl, Rel. Haenk. 1: 265. 1830.

"Hab. in Cordilleris chilensibus." Haenke
Chile

Elymus agropyroides var. **brevimuconatus** Haum. Anal.

Soc. Cient. Argentina 86: 233. 1918.

"En amont et en aval de Fuente del Inca (au bord de la rivière....); près de Punta de Vacas (Herb. Fac. Agron. de B. A., no. 133)."

[Hautes cordilleres de Mendoza. Argentine Republic]

Elymus akmolinensis Drobov, Trav. Mus. Bot. Acad. Sci.

Petrograd 14: 133. pl. 1. fig. 1, 3. 1915.

"Hab.: Prov. et distr. Akmolinsk. In salsis, declivibus argillosis et ripis lacum (Drobov, 1913, nos. 561, 687 et 719.--Ganeschin, 1914, No. 1130)."

Russia, Asia

aff. E. angustus Trin. acc. to author, compares with E. turgicus Roshev.

Elymus alaicus Korsh. Mem. Acad. St. Petersburg. VIII.

47: 77, 102. 1896.

"in valle Ala;ad fl. Birdshar, in loco Bachmir, ad rivulum Tarascha, ad trajectum Kulduk etc., 5-18 Julii fl. legi."

Turkestan

Elymus alberti Regel, Act. Hort. Petrop. 7: 581. 1881.

"Ad lacum Sairam et in planitie elevata kokkamir (A. Regel)."

Tian-Shan, Asia

Elymus albowianus Kurtz, Rev. Mus. La Plata7: 401. 1896.
[383?]

"Environs d'Ushuala (N[icolas] A[lboff] 1896, nos. 1098-1101)."

Fuegia

Elymus aleuticus Hultén, Svensk Bot. Tidskr. 30: 518.

f. 2a. 1936.

"Aleutian Islands: Atka, July 29th 1932.
Hn. no. 6994."

Elymus altaicus Spreng. Tent. Suppl. Syst. Veg. 5.

1828,

"Imaus mons. Ledebour. Fl. Majo. V. v. in Hort. hal." [Halle]

Asia

Elymus ambiguus Vasey & Scribn. Contr. U. S. Nat.

Herb. 1: 280. 1893.

"Type specimen collected by George Vasey at Pen Guloh, Colorado, in 1884."

Man. U. S.

Elymus ambiguus var. **strigosus** (Rydb.) Hitchc. Amer.

Journ. Bot. 21: 133. 1934.

Based on Elymus strigosus Rydb.

= E. ambiguus var. strigosus Man. U. S.

Colo.

Elymus americanus Vasey & Scribn. ex Macoun, Cat. Can.

Fl. 24: 245. 1888, nom. nud.; Cassidy, Colo. Agr.

Expt. Sta. Bull. 12: 57. 1890.

Arapahoe Pass, Colo.

= E. glaucus Man. U. S.

Elymus ampiculmis Provancher, Fl. Canad. 2: 706.

1862.

"E. mollis Trin." cited.

"Canada; rivages du fleuve et des lacs.
Isle-Verte!"

= Elymus mollis Trin. Man. U. S.

Elymus andinus Trin. Linnaea 10: 304. 1836.

"Andes de Antuco." (America calidior, Poeppig)
Chile

Elymus angulatus Presl, Rel. Haenk. 1: 264. 1830.

"Hab. in Peruviae montanis?" Hanke
Peru

Elymus angustatus Steud. Nom. Bot. ed. 2. 1: 550.
1840, error for E. angustus Trin.

Siberia

Elymus angustifolius Davy in Jepson, Fl. West. Mid.
Calif. 80. 1901.

J. Burt Davy, June 10, 1896 Herb. Univ. Cal.
Presidio, San Francisco, Calif.

Man. U. S.

Elymus angustifolius var. caespitosus Davy in Jepson,
Fl. West. Mid. Calif. 81. 1901.

4255 J. Burt "Davy", June 6, 1898. Herb. Univ.
Calif. "Berkeley Hills" Calif.

= E. glaucus Man. U. S.

Elymus angustus Trin. in Ledeb. Fl. Alt. 1: 119. 1829.

Cites: "E. angustus. Ledeb. Ic. pl. Fl. ross. alt.
illustr. t. 229."

"In argillosis apricis ad fl. Tschuja (B.)"
Siberia

Elymus angustus var. glabriusculus Regel, Act. Hort.
Petrop. 7: 583. 1881.

"In vallibus montium Ulutau et Dachalauly (Sohrenk),
in valle fluvii Tschirtschik montium alatavicorum
(A. Regel)."

Turkestan

Elymus antarcticus Hook.f. Fl. Antarct. 388. 1847.

"Hab. Strait of Magalhaens; Port Famine, Capt. King."
S. America

Elymus antarcticus f. **agroelymoides** Hicken. 1918.

Elymus antarcticus var. fulvescens Kurtz, Rev. Mus.
La Plata, 7: 401. 1896.

"Ile Navarin, prairies humides aupres de la côte
(N[icolas] A[lboff] 1896, nos 1089-1092)."

Tierra del Fuego

Elymus aralensis Regel, Bull. Soc. Nat. Mosc.
41: 285. 1868.

"In der Aral-Caspischen Steppe bei Ust-Urt....
(Borszow No. 526.)."

Russia--Asia

Elymus aralensis var. aristatus Regel, Act. Hort.
Petrop. 7: 584. 1881.

"In chanato chiwensi (Korolkow et Krause), in deserto hisil-kum prope Bairakum (O. Fedtschenko),
Utsch-aral (Tschemiakin), in valle fluvii Ili non procul a hulscha (A. Regel)."

Chinese Turkestan

U.S.S.R., Asia

Elymus aralensis var. *enervius* Regel, Act. Hort.
Petrov. 7: 584. 1881.

"Prope Kuldsha (A. Regel)."
Chinese Turkestan

Elymus aralensis var. *glauco* Regel, Act. Hort.
Petrov. 7: 584. 1881.

"In ohanato ohiwensi (Korolkow et Krause), prope
Kuldsha (A. Regel)."
Chinese Turkestan

Elymus arenarius L. Sp. Pl. 83. 1753.

"Habitat ad Europae litora marina in arena mobili."
Europe

Elymus arenarius Pall. Reise Prov. Russ. Reich.
1: 243. [1769] incidental mention. Linnaeus'
species presumably.

Europe

Elymus arenarius S. G. Omel. Reise 4: 44. 1784
(incidental mention, nom. nud.); ex Ledeb. Fl.
Ross. 4: 332. 1853, as syn. of *E. giganteus* Vahl.
Not L. 1753

Elymus arenarius L. misappl. by Georgi, Geogr. Phys.
& Nat. Besch. Russ. Reich. Nachtr. 257. 1802.
Not L., 1753.

Russia

Elymus arenarius var. *compositus* (Abromeit) St. John,
Rhodora 17: 102. 1915.

"*E. arenarius* f. *compositus* Abromeit, Bibliot.
Bot. 8: heft. 42: 96. 1899.

Man. U. S.
Greenland

Elymus arenarius var. *corensis* Hack. Bull. Herb.
Boiss. II. 3: 507. 1903.

"In arenosis maritimis prope Ouen-san (n. 843)."
"a cl. Urbano Faurie in Corea lecta."

Asia

Elymus arenarius X *Elytrigia juncea* ssp. *boreoatlantica*
(X *Elymotrigia stricta* (Dethard.) Hyland. Nord.
Kärlv. 1: 371. 1953; *Triticum strictum* Dethard.
1828 pro sp.; *Agropyron strictum* (Dethard) Rohb.
1830; X *Tritordeum strictum* (Dethard.) A. & G. 1902.

Elymus arenarius X *Elytrigia juncea* ssp. *boreoatlantica*
Hansen, Flora og Fauna 64, Hæfte 2-3. 69. 1958.

Elymus arenarius X *Elytrigia repens* (X *Elymotrigia*
Bergrothii (Lindb. f.) Hyland. Nord. Kärlv. 1: 371.
1953; X *Tritordeum* Berggr. Lindb. f. 1906.)
sub X *Elymotrigia* Hyland.

Europe

Elymus arenarius ssp. *geniculatus* (Curtis) Husnot,
Gram. Fr. Belg. 76. 1899.

Based on *E. geniculatus* Curtis
Europe

Elymus arenarius var. *geniculatus* Hartm. Handb.
Skand. Fl. ed. 10. 257. 1870.

Based on *Elymus geniculatus* Curt.
Scandinavia

Elymus arenarius var. *giganteus* (Vahl) Schmalh. ex
Krylov. Fl. Zapad. Sibiri Pt. 2. 370. 1928.

Based on *E. giganteus* Vahl.
Source unknown, from Dr. Schumacker.
"Patriam ignora"

Elymus arenarius var. *leopolensis* Zapal. Cons. Pl.
Gal. Critic., Rozpr. Wydz. Mat.-Przyr. Akad.
Umiej. Krakow III. 4, B. 195. 1904. Aug. 11.

"Lwów: Lysa Góra (Janota), Kisielka (Zareczny)."
[Galicia]
Poland

Elymus arenarius var. *minor* Lange, Haandb. Dansk Fl.
ed. 2: 54. 1856.

in Danish. Denmark

Elymus arenarius var. *minor* Blytt, Norges Fl. 166.
1861. Not Lange 1856.

"Fries Herbar. norm. Fasc. 14 n. 87."
Scandinavia

Elymus arenarius ssp. *mollis* (Trin.) Maltén, Kungl.
Svenska. Vet. Akad. Handl. III. 5: 153. 1927.

Based on *Elymus mollis* Trin. in Spreng. 1821.
Kamchatka and Aleutian Is.

Elymus arenarius var. *mollis* (Trin.) Koidz. Journ.
Imp. Univ. Coll. Sci. Tokyo 27: 24. 1910.

Based on *Elymus mollis* Trin.
Herb. Gorenk. Camschatka et in Ins. Aleuticis.
Man. U.S.

Elymus arenarius var. *multiflorus* Hallier, Bot. Zeit.
21: App. 1. 8. 1863.

Helgoland
Isl. North Sea Germany

Elymus arenarius f. *ramosa* Luderw. Allg. Bot. Zeitschr.
15: 89. 1909.

---"eine Monstrosität"
Pommern, Germany

Elymus arenarius var. *sabulosus* (M-Bieb.) Schmalh. Fl.
Centr. & South Russia 2: 667. 1897; Bull. Jard. Bot.
Pierre Grand 16: 210. 1916.

Based on *Elymus sabulosus* Bieb.
U.S.S.R. Europe

Elymus arenarius var. *triticooides* Blytt, Nye bidrag t.
Kund. Karp. Norge, Christiania 1: no 3: 13. 1892.

"Alteidet på Fugleholmen" Norway

Elymus arenarius var. *villosissimus* (Scribn.) Polunin,
Bull. Nat. Mus. Canada 92 (Biol. Ser. 24): 96.
1940.

Based on *Elymus villosissimus* Scribn.
= *E. mollis* Trin.
St. Paul Isl., north Pacific

Elymus arenarius var. *villosus* E. Meyer, Fl. Labrador.
20. 1830.
Labrador

Elymus arenicola Scribn. & Smith U. S. Dept. Agr.
Div. Agrost. Circ. 9: 7. 1899.

"Collected by A. B. Leckenby, at Suferts, Oregon,
November 26, 1898. Growing in the sand dunes
along the Columbia River."
Man. U. S.

Elymus aristatus Merr. Rhodora 4: 147. 1902.

Type specimen no. 2712 W. C. Cusick, in large
clumps, Silver Creek, Harney Co. Oregon, July
31, 1901.
Man. U. S.

Elymus arizonicus (Scribn. & Smith) Gould, Madrono
9: 125. 1947.

Based on *Agropyron arizonicum* Scribn. & Smith
= " " " " "
Man. U. S.

Elymus arkansanus Scribn. & Ball. U. S. Dept. Agr.
Div. Agrost. Bull. 24: 45. f. 19. 1901.

"collected by F. L. Harvey (Arkansas Flora 7, an
part) in woods of northwestern Arkansas."
= *E. villosus* f. *arkansanus* Man. U. S.

Elymus asper Nees ex Steud. Syn. Pl. Glum. 1: 349.
1854.

"Prope Conception, Chili."

Elymus asper (Simonkai) Brand in Koch, Syr. Deutsch.
Fl. ed. 3. 3: 2800. 1907. Not Nees 1854.
Same comb. made by Hand. Mazz. ex Wettst. Sched. Fl.
Exsicc. Austro-Hung. 10: 110. 1913.

Based on
"*Hordeum asperum* Degen" which is based on *Cuviera*
caput-Medusae var. *aspera* Simonkai.

Europe

Elymus atratus (Nevski) Hand.-Mazz. Symb. Sinicase
7: 1292. 1936.

Based on *Clinelymus atratus* Nevski 1932.
Kansu, China

Elymus attenuatus (Griseb.) Richt. Fl. Eur. 1: 132.
1890.

Based on "*E. giganteus* var. *attenuatus* Gris."
Rossia australi ad Wolgam
(Fisch in hb. Ledeb)
Eur. Russia

Elymus auritus Keng, Sunyatsenia 6: 65. 1941.

"Type in the Herbarium of the National Central
University, No. 394, collected on exposed moist
steppes, forming pure stand of an extensive area,
Mi Har Lan K'ou, en route to Labrang, Kansu province
...R. C. Ching (No. 748); dupl. type in U. S. Na-
tional Herbarium, No. 1245764."
probably related to *E. chinensis* (Trin.) Keng
China

Elymus australis Scribn. & Ball, U. S. Dept. Agr.
Div. Agrost. Bull. 24: 46. f. 20. 1901.

"from Biltmore Herb., no. 411b, collected on banks of streams at Biltmore, North Carolina, July 7, 1897."

= *E. virginicus* var. *australis* (Scribn. & Ball) Hitchc.

Elymus australis var. *glabriflorus* (Vasey) Wiegand,
Rhodora 20: 84. 1918.

Based on *E. canadensis* *glabriflorus* Vasey
= *E. virginicus* var. *glabriflorus* (Vasey) Bush
Man. U.S.

Elymus baldschuanicus Roshev. Bull. Jard. Bot. Acad.
Sci. U.R.S.S. 30: 779. 1932.

"Tadschikistan: Baldschuan: pr. Kalkat ad rad. orient. montis sangulak 1500 m, 12 VII 1883, A. Regel"

[Russia. Asia]

Aff. *Elymus alaiicus* Korsh.

Elymus barbatus Kurtz, Bol. Acad. Cien. Cordoba
15: 522 & 506¹. 1897, nom. nud.

Argentina Puesto Lima 10,031 Bodenbender coll. 1896.
Mendoza

[descriptions with exsiccata]

"publicarán en breve descripciones detalladas y acompañadas de laminas."

Elymus borealis Scribn. U. S. Dept. Agr. Div. Agrost.
Circ. 27: 9. 1900.

Based on *Elymus ciliatus* Scribn. not Muhl. Desor.
179. 1817.

= *Elymus hirsutus* Presl

Sitka, Alaska

Elymus brachystachys Scribn. & Ball, U. S. Dept. Agr.
Div. Agrost. Bull. 24: 47, f. 21. 1901.

"Collected by Dr. Edward Palmer, no. 420, " in the Indian Territory, chiefly on the False Washita, between Fort Cobb. and Fort Arbuckle, 1868."

= *E. canadensis* var. *brachystachys* Man. U. S.

Ind. Territory

Elymus brachytrichus Hochst. ex Walp. Ann. 3: 786.
1852-53, as syn. of *Crithopsis brachytricha* Jaub.
& Spach. Error for *rhachitricha*

Syria

Elymus brevifolius (Smith) Jones, Contr. West. Bot.
14: 20. 1912.

Based on "*Sitanion brevifolium* Smith"

= *Sitanion hystrix* Man. U. S.

Tucson, Ariz.

Elymus brownii Scribn. & Smith, U. S. Dept. Agr.
Div. Agrost. Bull. 8: 7. pl. 4. 1897.

Based on "*Elymus mollis* R. Br., Richardson in Franklin Narr. [1823], not Trin."

= *E. innovatus* Man. U. S.

Canada

Elymus caducus Boiss. Fl. Orient. 5: 691. 1884.
"(Munro Mss. ex Hitch. Cat. Journ. Linn. Soc.
18: 110. sub. *Hordeo*)" [nom. nud.]

"Hab. in planitiebus ad Yonutt Affghaniae (Griff. Journ. 1011), valle hurrum ad Karatigah et Seratigah 9-11000' (Hitch. 8151)."

Asia

Elymus caespitosus Sukacz, Trav. Mus. Bot. Acad.
Sci. St. Pétersb. 11: 80, pl. 9. 1913.

"Hab. in declivibus siccis abruptis argillosis valle fl. Lena prope Jakutsk (6 Iunii 1912 fl., legit G. Dolenko)." [J]

Siberia

Elymus californicus (Bolander) Gould, Madroño
9: 127. 1947.

Based on *Gymnostichum californicum* Bolander

= *Hystrix californica* Man. U. S.

Elymus canadensis L. Sp. Pl. 83. 1753.

"In Canada. Kalm"

Man. U. S.

Elymus canadensis var. *albanensis* Lepage, Nat. Canad.
79: 177-184. 1952.

Ontario: Baie James, berge graveleuse de la rivière Albany, environ 6 milles de l'embouchure, 5 août 1946, Dutilly & Lepage 16,044; même endroit, 12 août 1946, Dutilly & Lepage 16,190 (Type à Catholic Univ. of Am., Wash); même endroit, 13 août 1946, Dutilly & Lepage 16,256.

Elymus canadensis var. *brachystachys* (Scribn. & Ball)
Farwell, Mich. Acad. Sci. Rep. 21: 357. 1920.

Valid Man. U. S.

Based on *E. brachystachys* Scribn. & Ball.

Indian Territory
(Palmer 420 in 1868)

Elymus canadensis forma *oreocandus* Ramaley, Minn.
Bot. Studies 1: 114. 1894.

"Minn. specimen in herb.: Sheldon 1120.
Springfield."

= *E. canadensis* var. *robustus* Man. U. S.

Elymus canadensis var. *glabriflorus* Vasey ex L. H.
Dewey Contr. U. S. Nat. Herb. 2: 550. 1894.

"Central Texas to Georgia"

= *E. virginicus* var. *glabriflorus* Man. U. S.

Elymus canadensis var. *glaucofolius* (Muhl.) Torr. Fl.
North. & Mid. U. S. 1: 137. 1823.

Based on *E. glaucofolius* Muhl. ex Willd.

= *E. canadensis* Man. U. S.

Pennsylvania

Elymus canadensis f. *glaucofolius* (Muhl.) Fernald,
Rhodora 35: 191. 1933.

Based on *E. glaucofolius* Muhl.

= *E. canadensis* Man. U. S.

Pennsylvania

Elymus canadensis var. *intermedius* Vasey ex A. Gray,
Man. ed. 6. 673. 1890.

"River-banks; common." Man. U. S.

U. S.

Elymus canadensis var. *pendulus* Eaton & Wright, N.
Amer. Bot. Ed. 8. 232. 1840.

= *E. canadensis* L. Man. U. S.

No locality cited.

Eastern States

Elymus canadensis var. *philadelphicus* (L.) Farwell,
Mich. Acad. Sci. Rep. 21: 357. 1920.

Based on *E. philadelphicus* L.

= *E. canadensis* Man. U. S.

Pennsylvania (Kalm)

Elymus canadensis var. *robustus* (Scribn. & Smith)
Mackenz. & Bush, Man. Fl. Jackson County 38. 1902.

Based on *E. robustus* Scribn. & Smith

Man. U. S.

Ill., Iowa, Kansas & Montana

Elymus canadensis var. *villosus* Bates, Amer. Bot.
20: 17. 1914.

"On July 20 & 21, 1911, at Loup City and Arcadia on the Middle Loup river"...Bates, Collector

= *E. canadensis* var. *robustus* Man. U. S.

Elymus canadensis var. *villosus* (Muhl.) Shinnars,
Rhodora 56: 28. 1954. Not Bates, 1914.

(*Elymus villosus* Muhl. ex Willd., Enum. Fl. Hort. Berol. 1: 131. 1809)

Pennsylvania

= *E. villosus* Muhl. Man. U. S.

Elymus caninus L. Fl. Suec. ed. 2. 39. 1755.

[Based on *Triticum* -- to be removed from *Triticum* because lower spikelets are in pairs]

"Habitat ad Hellekis W-gothiae."

Sweden

Elymus caninus L. misappl. by Leers, Fl. Herborn
pt. 12, f. 4. 1775. Not L.

Herborn. Germany

Elymus caninus Roth, Tent. Fl. Germ. 1: 51. 1788.
Not L. 1755.

"Habitat in cultis, ad sepes totius fere Germaniae"

Elymus capitatus Scribn. U. S. Dept. Agr. Div. Agrost.
Bull. 11: 55. pl. 14. 1898.

Growing with *E. mollis* and other grasses at Homer, Alaska (no. 471, Walter Evans, July 27, 1897).

= *Elymus mollis* Trin. Man. U. S.

Alaska

Elymus cappadocius Boiss. & Bal. Bull. Soc. Bot.
France 4: 308. 1857.

"Bal[ansa] pl. Or. exsicc. n. 843"

"Croît dans les prairies salées situées à l'ouest de Césarée (Cappadoce)."

Asia Minor

Elymus caput medusae L. Sp. Pl. 84. 1753.

"In Lusitaniae, Hispaniae maritimis."

Man. U. S.

Spain Portugal

Elymus caput-medusae Forsk. Fl. Aegypt. Arab. 25.
1775. Not L. 1753.

"Menejrae. Arab."

Elymus caput-medusae f. *acaulis* Senn. & Maurie, Cat. Fl. Rif Oriental 137. 1934. nom. nud.

Tizi-Ifri. Morocco

Elymus caput-medusae var. *asper* (Simonkai) Halac. Consp. Fl. Graec. 3: 426. 1904.

Based on "*Cuviera caput-medusae* var. *asper* Simk." Greece

Elymus caput medusae var. *asper* Fiori, Nuov. Fl. Anal. Ital. 1: 163. 1923. See Halac. 1904.

"*Hordeum* Cap.-Med. v. asp. Asch. et Gr. (1902)" cited

Elymus caput medusae ssp. *bobartii* (Asch. & Graeb.) Maire, Flore Afrique Nord 3: 393. 1955.

Based on *Hordeum bobartii* Asch. & Graeb. France

Elymus caput medusae var. *bobartii* Fiori, Nuov. Fl. Anal. Ital. 1: 163. 1923.

Based on "*Hordeum* Cap.-Med. A. Bob. Asch. et Gr. 1902." Italy

Elymus caput-medusae ssp. *crinitus* (Schreb.) Maire, Flore Afrique Nord 3: 393. 1955.

Based on *Elymus crinitus* Schreb. Smyrna - Georgia, U.S.S.R.

Elymus caput medusae var. *crinitus* Ball, Journ. Linn. Soc. Bot. 16: 732. 1878.

Same comb. Fiori, Nuov. Fl. Anal. Ital. 1: 163. 1923.

Based on "*E. crinitus* Schreb." Asia Minor

Elymus caput-medusae ssp. *crinitus* var. *asper* (Degen) Fiori, Fl. Anal. Ital. 1: 162. 1923.

Based on *Hordeum caput-medusae* ssp. Degen in Asch. & Graeb.

Cuviera caput Medusae var. *aspera* Simonkai Tern. közl. 29. Fötf. 230. 1897--cited by Aschers. & Graebn. p. 744.

Europe

Elymus caput-medusae ssp. *crinitus* var. *crinitus* (Schreb.) Ball, Spicil. Fl. Maroc. 732. 1878.

Smyrna - Georgia U.S.S.R.

Elymus caput-Medusae var. *crinitus forma* *pubivagina-* tus Maire, Bull. Soc. Hist. Nat. Afr. Nord 30: 370. 1939.

"Moyen Atlas: pâturages sur basalte vers l'Ari Hebbri, 1950 m (L. Faurel)."

Africa

Elymus caput medusae var. *hordeaceus* Pau, Bol. Soc. Arag. Cien. Nat. 1: 29. 1902.

Only description: "Robusta, mayor, aspecto de *Hordeum*; espigas más largas, dos ó tres veces mayores. Variedad notable."

"Avila. Mayo 1900. (Barras leg.)."

Spain

Elymus carolinianus Walt. Fl. Carol. 82. 1788.

S. Carolina

= *E. virginicus* L. Man. U.S.

Elymus chatangensis Roshev. Bull. Jard. Bot. Acad. Sci. U.R.S.S. 30: 778. 1932.

"Sibiria borealis: Iter Chatangense I. Tolmachev, ad lacus Essej, 25 VIII 1905, No. 128."

Elymus chinensis (Trin.) Keng, Sunyatsenia 6: 66. 1941.

Based on *Triticum chinense* Trin.

Northern China

Elymus chinensis f. *altus* Melderis in Norlindh., Fl. Mongol. Steppe & Des. Areas, Rep. Sci. Exped. North-western Prov. China, Dr. Sven Hedin, Publ. 31: 134. 1949 (Stockholm).

Mongolia: c. 7km ad sept.-orient. vers. a Khadain-sume, flor., 26 Oct. 1936, Eriksson, n. 1004 (type!)

Elymus chinensis f. *macrochaetus* Melderis in Norlindh., Fl. Mongol. Steppe & Des. Areas, Rep. Sci. Exped. North-western Prov. China, Dr. Sven Hedin, Publ. 31: 134. 1949 (Stockholm).

Mongolia: 60 km. ad occid. vers. a Yiren Dabasu, ad flumen exsiccatum in "Gobi", flor. et fruct., 22 Jul. 1936, Eriksson, n. 1127 (type!)

Elymus chinensis var. *pumilus* Melderis in Norlindh., Fl. Mongol. Steppe & Des. Areas, Rep. Sci. Exped. North-western Prov. China, Dr. Sven Hedin, Publ. 31: 134. 1949 (Stockholm).

Mongolia: Bulung-khuduk (Camp. Norinii XIV), distr. Dzun-gung, prov. Suiyuan, on dry gravel near the edge of a dry lake, flor., 17 Jun. 1927, Soderbom, n. 6609 (type!)

Elymus ohonoticus R. A. Phil. Linnaea 29: 104. 1857-58.

"Ad S. Rafael et Portum Americanum archipelagi Chonos invenit orn. Dr. Fr. Fonk."

Chile

Elymus ohubutensis Speg. Rev. Fac. Agron. y Vet. La Plata 3: 632. 1897.

"Hab. In pratis collinis prope Teka-Choiue." [Carlos Moyano in 1889] also by E. Fischer

Argentina

Elymus ciliatus Muhl. Desor. Gram. 179. 1817. Name only Muhl. Cat. Fl. 14. 1813.

"Habitat in Carolina Septentrionali".

= *E. villosus* Man. U. S.

Elymus ciliatus Scribn. U. S. Dept. Agr. Div. Agrost. Bull. 11: 57. pl. 16. 1898. Not Muhl. 1817.

"Common in wet places, Sitka, Alaska (no. 210, Walter Evans, June, 1897)...."

Elymus cinereus Scribn. & Merr. Bull. Torrey Club 29: 467. 1902.

"Type specimens collected by C. A. Purpus, no. 6050, dry plains, Fahrump valley, Nevada. May-October, 1898."

Man. U. S.

Elymus cladostachys Turcz. Bull. Soc. Nat. Moscou 29: 64. 1856.

"prope Ochotiam a beato Kuznetsowio lecta." [Flora Baicalensis-Dahurica in regionibus Cis- et Trans-baicalensibus atque in Dahuria] from title.

Siberia

Elymus compositus Steud. Syn. Fl. Glum. 1: 348. 1854.

"Transylvania."

Rumania

Elymus condensatus Presl, Rel. Haenk. 1: 265. 1830.

"Hab. ad Monte-Rey Californiae. 742" [Haenke] Man. U. S.

Elymus condensatus var. *pubens* Piper, Erythea 7: 101. 1899.

"Yakima City, Wash. Collected 10 July 1897. no. 2591." [Piper]

= *E. cinereus* Scribn. & Merr. Man. U. S.

Elymus condensatus f. *pubens* (Piper) St. John, Fl. Southeast. Washington & Adj. Idaho 42. 1937.

Based on *E. condensatus* var. *pubens* Piper

= *E. cinereus* Man. U. S.

Elymus condensatus var. *triticooides* (Buckl.) Thurb. in S. Wats. Bot. Calif. 2: 326. 1880.

Based on *E. triticooides* Buckl. Man. U. S. Rocky Mts. (Nuttall)

Elymus ocreanus Honda, Journ. Fac. Sci. Univ. Tokyo Sect. III, Bot. 3: 17. 1930.

"*Agropyrum repens* (non Beauv.) Nakai, Journ. Coll. Sci. Imp. Univ. Tokyo 31: 375. 1911."

"Corea: vallis Segel-tu-koran, districtus Musang (V. Komarov, no. 197, anno 1897); Hokori (M. Furum, no. 71, anno 1917)."

Elymus corralensis R. A. Phil. Linnaea 33: 303. 1864-65.

"Prope Corral" ab indefesso Krause inventus."

Chile

Elymus crescendus (Ramaley) Wheeler, Minn. Bot. Stud. 3: 106. 1903.

Based on "*Elymus canadensis* f. *crescendus* Ramaley."

= *E. canadensis* var. *robustus* Man. U. S.

[Minn - Sheldon 1120, Springfield, type of f. *crescendus*]

Elymus cretaceus Zing. ex Nevski in Komarov, Fl. U.R.S.S. 2: 714. 1934, as syn. of *Psathyrostachys juncea* (Fisch.) Nevski U.R.S.S.

Elymus crinitus Schreb. Besch. Gräs. 15. pl. 24. 1769.

"Wilhelm Scherard....Smyrna entdeckt, ..auch von Burbaum in Georgien gefunden worden."

Elymus crinitus var. *siculus* Lojac. & De Degen in Lojac. Fl. Sicul. 3: 366. 1909.

"---Etna---porto al Mile---Teste, Tin! Bronte Tin!----"

Sicily

Elymus crinitus var. *sinaicus* Fig. & De Not. Mem. Acc. Torino II. 12: 261. 1852.

"*Elymus crinitus* Decaisn. Fl. sinaic. n. 37." Not Schreb. 1769.

"In humidis convallium ad Sinai."

Figari Collector Arabia

[Decaisne Ann. Sci. Nat. II. 2: 13. 1834.]

Elymus curvatus Piper, Bull. Torrey Club 30: 233.
Ap. 1903.

"Collected by Mr. Frank O. Kreager, no. 375, in Box Cañon, Pend Oreille River, Stevens County, Washington, Aug. 2, 1902."

= *E. virginicus* var. *subauticus* Hook. Man. U. S.

Elymus cylindricus Pohl, Tent. Fl. Bohem. 1: 122.
1810.

"Berg Tabor bei Lomnitz, Karlstein," Bohemia

Europe

Descr.: "*Elymus cylindricus* mihl. Walzen haargras. Spiculis scabris, flosculis aristatis, fol. planis flaccidis.

Cuviera europaea, Koel. gr. p. 328.
Hordeum cylindricum, Murr. Götting. p. 43. *Hordeum sylvaticum*, Huds. n. 57. *Hordeum europaeum*, Allion. Fed. n. 2276. *Hordeum montanum*, Schrank. Bav. 1. pag. 386. *Elymus europaeus*, Linn. Mant. p. 35. et plur. script.
Abbildungen. Host gr. 1. tab. 28. Engl. Bot. t. 1317. Lam. Ill. t. 49. f. 2. Mart. Fl. Aust. t. 45. Scheuchz. Prodr. t. 1.
over

Elymus cylindricus (Franch.) Honda, Journ. Fac. Sci. Univ. Tokyo Sect. III, Bot. 3: 17, 1930. Not Pohl 1810, invalid.

Based on *Elymus dahuricus* var. *cylindricus* Franch. 1884.

[renamed *E. europens* L., knowingly. His name was invalid when published.]

Elymus dagestanicus Alexeenko ex Lipsky, Trav. Jard. Bot. Tiflis 1902: 97. 1902. (Lipsky, Fl. Cauc. Suppl. 1)

"Prov. Dagestan: distr. Dargi: prope Deschlagar, angust. Wanaschi-mashi... 30 Mayo 1901... (first cited)

Russia Europe

Elymus dahuricus Turcz. Bull. Soc. Nat. Moscou 105.
1838. nom. nud.; Griseb. in Ledeb. Fl. Ross.
4: 331. 1853.

"Turcz. Cat. Baic. Dah. n. 1331."

"prope Charatzai, in siccis Dahuriae."

Siberia

Elymus dahuricus var. *brevisetus* Ohwi, Journ. Jap. Bot. 19: 168. 1943.

"China borealis: Shansi: Ning Wu (T. Kanashiro, n. 4371.)"

China

Elymus dahuricus var. *cylindricus* Franch. Nouv. Arch. Mus. Hist. Nat. (Paris) II. 7: 152. 1884.

"Chine septentrionale: environs de Pékin; (no. 518). A. David Coll.

Elymus dahuricus var. *exceus* (Turcz.) Roshev. in Fedtsch. Fl. Transbaical. 1: 102. 1929, in Russian.

Based on "*Elymus exceus* Turcz."

Siberia

Elymus dahuricus var. *micranthus* Melderis, in Bor, Grasses of Burma, Ceylon, India and Pakistan 697. 1960
Pakistan: Bumbrait, 22/7 1956, J. J. Norris 25184 (holotypus in Herb. Kew.).

Elymus dahuricus var. *tangutorum* Roshev. ex Nevski, Bull. Jard. Bot. Acad. Sci. U.R.S.S. 30: 647. 1932, as syn. of *Clinelymus tangutorum* Nevski.

U. R. S. S.

Elymus dahuricus var. *villosulus* (Ohwi) Ohwi, Acta Phytotax. & Geobot. 10: 101. 1941.

Based on *E. villosulus* Ohwi

Japan

Elymus dasystachys Trin. in Ledeb. Fl. Alt. 1: 120.
1829.

"*E. dasystachys* Ledeb. Ic. pl. Fl. ross. alt. illustr. t. 249." Cited.

Russia - Asia

Elymus dasystachys var. *angustus* Trautv. ex Fedtsch. Bull. Jard. Bot. Pierre Grand 14(Suppl. 2): 102.
1915, nom. nud.

U.S.S.R.

Elymus dasystachys var. *aristatus* Regel, Act. Hort. Petrop. 7: 583. 1881.

"Prope Karakol ad lacum Issyk-kul (A. Regel)."

Russia Asia

Elymus dasystachys var. *asper* Regel, Act. Hort. Petrop. 7: 583. 1881.

"Prope kuldsha."

Chinese Turkestan

Elymus dasystachys var. *glaber* Korsh. Mém. Acad. St. Pétersb. VIII^e. Phys. Math. 7: 491. 1898.

"Isianowa." [Orenburg. Russia, Eur.]

Elymus dasystachys var. *glabrior* Regel, Act. Hort. Petrop. 7: 582. 1881.

"Turcomania (herb. Ledeb.), in Turkestan orientali in planitie inter fluvios Ton et Konurulen (A. Regel)."

Turkestan

Elymus dasystachys var. *gymnostachys* Trautv. ex Fedtsch. Bull. Jard. Bot. Pierre Grand 14(Suppl. 2): 102. 1915, nom. nud.

U.S.S.R.

Elymus dasystachys var. *ligulatus* Keng, Sunyatsenia 6: 65. 1941.

"Type in the Herbarium of the National Central University, No. 392, collected on bare dry gravelly base of hill, Yao Kai, Ping Fan, Kansu province, ... by R. C. Ching (No. 253); duplicate types in the U. S. Nat. Herb. No. 1245300."

China

Elymus dasystachys var. *litoralis* (Pall.) Griseb. in Ledeb. Fl. Ross. 4: 333. 1853.

[t]

Based on "*Triticum litorale* Pall. "

Siberia baikalensis ad Baikalem! (Turcz.)

Elymus dasystachys var. *maximoviczii* Komarov, Act. Hort. Petrop. 20: 320. 1901.

"In provinciis Austro-Ussuriensi, Kirinensi, Mukdenensi et in korea septentr. ad ripas fluviorum locis arenosis hic inde crescit."

Menchuria, Korea

Elymus dasystachys var. *mongolicus* Melderis in Norlindh, Fl. Mongol. Steppe & Des. Areas, Rep. Sci. Exped. North-western Prov. China, Dr. Sven Hedin, Publ. 31: 128. f. 12b, 13d, 15. 1949. (Stockholm)

Mongolia: 20 km. ad occid. vers. a Shara-muren, ad flumen exsiccatum, flor. et fruct., 19 Jul. 1934, Eriksson, n. 788 (type!)

Asia

Elymus dasystachys var. *mongolicus* f. *angustiformis* Melderis in Norlindh, Fl. Mongol. Steppe & Des. Areas, Rep. Sci. Exped. North-western Prov. China, Dr. Sven Hedin, Publ. 31: 130. f. 13 e. 1949. (Stockholm).

Mongolia: 30 km ad merid. vers. a Mandaltein-sume, Gobi, flor., 18 Jul., 1935, Eriksson, n. 1084 (type!)

Asia

Elymus dasystachys var. *mongolicus* f. *nudus* Melderis in Norlindh, Fl. Mongol. Steppe & Des. Areas, Rep. Sci. Exped. North-western Prov. China, Dr. Sven Hedin, Publ. 31: 129. f. 13h, 16. 1949. (Stockholm).

Mongolia: Prope Khoburin-nor, inter Camp. XXII et XXIII, in steppe arenoso, ster., 29 Aug. 1927, Hummel, n. 1488 (type!)

Asia

Elymus dasystachys var. *pamiricus* Fedtsch. Bull. Jard. Bot. Pierre Grand 14 (Suppl. 2): 101. 1915, nom. nud.

U.S.S.R.

Elymus dasystachys var. *parviflorus* Melderis in Norlindh, Fl. Mongol. Steppe & Des. Areas, Rep. Sci. Exped. North-western Prov. China, Dr. Sven Hedin, Publ. 31: 126. f. 13f., 14, 1949 (Stockholm).

Mongolia: Khonin-ohaghan-cholo-gol, Camp. XI, flor., 1 Aug. 1927, Hummel, n. 1282 (type!)

Asia

Elymus dasystachys Trin. var. *pauciflorus* Regel, Bull. Soc. Nat. Moscou 41^e: 284. 1869.

"In den Steppen des kaspischen Meeres, im Bereich des Flusses Emba... (Borszow No. 543), Bei der Stadt kokbekty (Semenow)."

Russia - Asia

Elymus dasystachys var. *pubescens* Fedtsch. Act. Hort. Petrop. 21: 435. 1903.

Russia [loc. given in Russian]

Asia?

Elymus dasystachys var. *pubiculmis* Melderis in Norlindh, Fl. Mongol. Steppe & Des. Areas, Rep. Sci. Exped. North-western Prov. China, Dr. Sven Hedin, Publ. 31: 131. f. 17. 1949. (Stockholm).

Mongolia: 40 km ad occid. versus ab Khadain-sume, in valliculo, flor., 19 Jun. 1931, Eriksson, n. 568 (type!)

Asia

Elymus dasystachys var. *salsuginosus* Griseb. in Ledeb. Fl. ross. 4: 333. 1853.

"Hab. in Sibiria altaica pr. Semipalatinsk! (Karel. et Kiril.) in deserto Ischimensi! (Turcz.)."

Asia

Elymus dasystachys subv. *strigillosus* Haek. Allg.
Bot. Zeitschr. 11: 134. 1905.

"Auf trockenem Steppenboden des Alaiplateau's in
südöstl. Fergana am r. Ufer des Kizil-su."
Turkestan

Elymus dauricus Turcz. in A. Braun, Ind. Sem. Hort.
Berol. 3. 1857.

= *dahuricus* Turcz.
Baical. [Siberia]

Elymus delileanus Schult. Mant. 2: 424. 1824.

Described by Schult. "Delile Descript. de l'Egypte
(sub geniculato t. 13. f. 1.)" nom. nud. Cited.
1812
Egypt.

see *Chritopsis rhaohitricha* Jaub. & Spach; referred
to *E. delileanus* Schult. by Haek. and made *Hordeum*
subgen. *Chritopsis* (Jaub.) Haek. *E. delileanus* Schult.
not transferred to *Hordeum* by Haek.

Elymus desertorum Kar. & Kir. Bull. Soc. Nat. Moscou
1841: 867. 1841.

"Hab. utraque varietas in montosis apricis prope
Ajagus deserti Soongoro-Kirghisici."

Russia Asia

Elymus desertorum var. *angustifolius* Kar. & Kir. Bull.
Soc. Nat. Moscou 1841: 867. 1841.

Russia Asia

Elymus desertorum var. *latifolius* Kar. & Kir. Bull.
Soc. Nat. Moscou 1841: 867. 1841.

Russia Asia

Elymus difformis Nutt. ex J. O. Smith, U. S. Dept.
Agr. Div. Agrost. Bull. 18: 15. 1899, as syn. of
Sitanion hystrix

= *Sitanion hystrix* Man. U. S.

Elymus distans Desv. Opusc. 97. 1831.

"Habitat....?"

Elymus divaricatus Drobov, Repert. Sp. Nov. Fedde
21: 45. 1925.

"Prov. Syr-darja. Distr. Aulie-ata. Prope pag.
Burnoje (Abolin et Popov, 1921, no. 8972)."

Turkestan Asia

Elymus divergens Davy in Jepson, Fl. West Mid. Calif.
80. 1901.

Petaluma, Calif. Davy 4037

= *Elymus glaucus* var. *jepsoni* Davy Man. U. S.

Elymus diversiglumis Scribn. & Ball, U. S. Dept. Agr.
Div. Agrost. Bull. 24: 48. f. 22. 1901.

"Collected by T. A. Williams, no. 2653 in rich
openings of the Bear Lodge Mountains, Wyoming
July 23, 1897."

= *Elymus interruptus* Man. U. S.

Elymus dives Presl, Rel. Haenk. 1: 265. 1830.

"Hab. in sinu Nootka." Haenke. Vancouver Isl.,
Haenke.

= *E. mollis* Trin.

Elymus dumetorum Hoffm. Deutschl. Fl. ed. 2.
1: 64. 1800.

"Leers, t. 12. f. 4. I" cited.

"In montosis sylvaticis (Herborn. Leers.)"
Germany

Elymus durus Hedw. ex Steud. Nom. Bot. ed. 2. 1: 550.
1840, as syn. of *Elymus virginicus* L.

= *E. virginicus* Man. U. S.

Elymus edentatus Suksdorf, Werdenda 18: 4. 1923.

"...Bingen, Washington, No. 10057; no. 10065,
Falkental." Suksdorf

= *E. glaucus* var. *jepsoni* Man. U. S.

Elymus elymoides (Raf.) Swezey, Nebr. Fl. Doane
Coll. 15. 1891.

Based on *Sitanion elymoides* Raf.

= *Sitanion hystrix* Man. U. S.

Missouri

Elymus Engelmanni Hort. ex Avdulow, Bull. Appl. Bot.
Leningrad Suppl. 44: 27. 1931, nom. nud.

Hab. ?

Elymus erianthus R. A. Phil. Anal. Mus. Nac. Chile
Bot. 13. pl. 3. 1892.

"...in Andibus uspallatensis ad thermas Baños del
Inca; invenit 1866 orn. Aug. Borchers."

Chile

Elymus erianthus var. *aristatus* Hicken, Physis
2: 8. 1915.

"Walter Fischer [coll.]...los alrededores de Rio
Negro, Argentine, 1907; XI."

Elymus erianthus var. *Spegazzinii* (Kurtz) Haum. Anal.
Mus. Nac. Hist. Nat. Buenos Aires 29: 410. 1917.

"E. spegazzinii Kurtz nom. nud." cited.

"Patagonie: Trelew Teoa (Chubut, leg. Illin,
décembre 1899." [Argentina]

Elymus europaeus L. Mant. Fl. 1: 35. 1767.

"Habitat in Germania."

Elymus europaeus [L. misappl. by? Willd.] Fl. Berol.
Prod. 61. 1787.

Germany

Elymus europaeus [L. err. det.] Muhl. Desor. Gram.
180. 1817.

"Habitat in Virginia et Georgia."

[not in Muhlenberg Herbarium A.S.H.]

Elymus europaeus var. *elatio* Zapal. Consp. Fl. Galic.
Crit., Rozpr. Wydz. Mat.-Prz. Akad. Umiej. etn.
Krakow III. 4, B. 195. 1904. Aug. 11.

"Luboniu."

Galicia, Poland

[Consp. Fl. Gal. Crit. 1: 82. 1906, which corres-
ponds to above in subject matter, was not published
until 1906. At Arnold Arboretum]

Elymus excelsus Turcz. ex Griseb. in Ledeb. Fl. Ross.
4: 331. 1853.

"E. excelsus Turcz. cat. Baic. Dah. n. 1332." cited
"prope Charatzai."

Siberia

Elymus fasciculatus Roshev. Bull. Jard. Bot. Acad.
Sci. U.R.S.S. 30: 780. 1932.

"Kasakstanian occidentalis: District Turgai in
sabulosis partem inferiorem fl. Sary-su, 26 V 1914,
No. 5165. H. Krascheninnikov!"...first cited.

U.S.S.R. Asia

Elymus flavescens Scribn. & Smith, U. S. Dept. Agr.
Div. Agrost. Bull. 8: 8. f. 1. 1897.

"916, W. N. Suksdorf, June 11, 1886, Columbus
Klickitat County, Washington." Man. U. S.

Elymus flexuosus Tausch, Flora 20: 120. 1837.

"in Garten gezogen"

[garden plant]

Elymus fragilis Boiss. Diagn. 12: 128. 1846, as syn.
of *Hordeum fragile* Boiss.; (Boiss.) Griseb. in
Ledeb. Fl. Ross. 4: 330. 1853, Latin desor.

Griseb. cites "Boiss, pl. Pers. austr. Kotschy
n. 375." [Exsiccatae?]

Based on *Hordeum fragile* Boiss.

Elymus gayanus E. Desv. in C. Gay, Fl. Chil.
6: 467. 1853.

"Valdivia (Gay, no. 294)." Chile

Elymus geniculatus Curtis, Wm. Obs. British Grasses
46. 1787. nom. nud.

Britain

Elymus geniculatus Delile Fl. Egypte 174. pl. 13.
f. 1. 1812. Not Curtis 1798, nom. nud.

"J'ai trouvé cette plante à Alexandrie dans des
champs d'orge, entre le lac Mareotis et la mer, au
mois de Mars 1800."

Egypt

= *E. delileanus* Schult. based on this, but
described by Schult.

Elymus giganteus Vahl, Symb. Bot. 3: 10. 1794.

"Patriam ignoro, dedit Dn. Schumacker."

[? Asia]

Elymus giganteus var. *alterniflorus* Regel, Bull. Soc.
Nat. Moscou 41: 283. 1868.

"In der Steppe des Aral-Sees bei Uest-Urt...
(Borsczow No. 519)."

U.S.S.R. Asia

Elymus giganteus var. *attenuatus* Griseb. in Ledeb.
Fl. Ross. 4: 332. 1853.

"In Rossia australi ad Wolgam! (Fisch. in hb.
Ledeb.)."

U.S.S.R. Europe

Elymus giganteus var. *crassinervius* Kar. & Kir. Bull.
Soc. Nat. Moscou 868. 1841.

"In sabulosis prope Semipalatinsk."

U.S.S.R. Asia

Elymus giganteus var. *cylindraceus* Roshev. Acta Hort.
Petrop. 40: 253. f. 139. b. 1928. in Russian only

Southeast European U.S.S.R.

Elymus giganteus var. *longiglumis* Roshev. in Grossh.
Fl. Cauc. Reg. 1: 364. 1939.

Elymus giganteus var. *minor* Lavr. Bull. Jard. Bot.
Kieff 12-13: 149. 1931.

"Ucraina orientalis, ad fl. Oskol: prope Kupjansk.
1915, 1920. M. Klokov! Dvurecznaja. 1825,
Czernjaev! 1915, M. Klokov!"

Elymus giganteus var. *pyramidatus* Grossh. Trudy Bot.
Inst. Azerbaidzh. Fil. Akad. Nauk S.S.S.R. 8: 364.
1939, in Russian. [Fl. Cauc. Reg. 1: 364. 1939
is same work]
Caucasus. Russia. Eur.

Elymus giganteus var. *sabulosus* C.A.M.* ex Regel,
Bull. Soc. Nat. Mosc. 41: 283. 1868.

["Probably C. A. Meyer. Given as above in book--
no explanation]

"Steppe des Ural-Flusses... (Borsczow No. 348)."
U.S.S.R. Asia

Elymus giganteus var. *sabulosus* (Bieb.) Hack. in
Baturhist. For. Kjobenhavn Vid. Medd. 1903: 178.
1903.

Based on "E. sabulosus Marsch.--Bieb."
Russia. Eur.

Elymus giganteus var. *typicus* Lavr. Bull. Jard. Bot. Kieff
12-13: 149. 1931.

Ucraina orientalis, ad fl. Donetsk: Andreevka, 1855.

Elymus giganteus var. *typicus* Grossh. Trudy Bot. Inst.
Azerbaidzh. Fil. Akad. Nauk S.S.S.R. 8: 364. 1939,
in Russian Not Lavr. 1931.

Distribution map. 243 for species.
Caucasus. Russia. Eur.

Elymus glaber (J. G. Smith) Davy, Univ. Calif. Publ.
Bot. 1: 57. 1902.

Based on *Sitanion glabrum* J. G. Smith.
= *Sitanion hystrix* Man. U. S.
Coso Mts. Calif.
914 Coville & Funston

Elymus glabriflorus (Vasey) Scribn. & Ball, U. S.
Dept. Agr. Div. Agrost. Bull. 24: 49. f. 23. 1901.

Based on "E. canadensis var. *glabriflorus* Vasey...
1894."
= *E. virginicus* var. *glabriflorus* Man. U. S.
Texas to Ca.

Elymus glaucifolius Muhl. in Willd. Enum. Pl. 1: 131.
1809.

"Habitat in Pennsylvania."
= *Elymus canadensis* Man. U. S.

Elymus glaucifolius var. *oreocandus* (Ramaley) Bush, Amer.
Midl. Nat. 10: 83. 1926.

Based on *E. canadensis* f. *oreocandus* Ramaley
= *E. canadensis* var. *robustus* Man. U. S.

Elymus glaucifolius var. *robustus* (Scribn. & Smith)
Bush, Amer. Midl. Nat. 10: 87. 1926.

Based on *E. robustus* Scribn. & Smith
= *E. canadensis* var. *robustus* Man. U. S.

Elymus glaucus Buckl. Proc. Acad. Phila. 1862: 99.
1862.

"Columbia River. Nuttall."
Man. U. S.

[Oregon, Washington]

Elymus glaucus Regel, Act. Hort. Petrop. 7: 585. 1880.
Not Buckl. 1862.

Turkestan

Elymus glaucus Regel, Act. Hort. Petrop. 7: 585. 1881.
Not Buckl., 1863.

No loc. cited Old world

Elymus glaucus var. *aristatus* (Merr.) Hitchc. in
Abrams, Illustr. Fl. 1: 252. 1923.

Based on *E. aristatus* Merr.

= " " " "
2712 W. C. Cusick Oregon

Elymus glaucus var. *breviaristatus* Davy in Jepson,
Fl. West Mid. Calif. 79. 1901.

"Point Reyes, Calif. Davy."
= *E. glaucus* Man. U. S.

Elymus glaucus ssp. *Jepsonii* (Davy) Gould, Madroño
9: 126. 1947.

Based on *Elymus glaucus* var. *Jepsonii* Davy
= " " " " "
California

Elymus glaucus var. *jepsoni* Davy in Jepson, Fl.
West Mid. Calif. 79. 1901.

"Jepson," Napa Valley, Calif.
Man. U. S.

Elymus glaucus f. *Jepsoni* (Davy) St. John, Fl.
Southeast. Washington & Adj. Idaho 42. 1937.

Based on *E. glaucus* var. *Jepsoni* Davy
= " " " " "
Man. U. S. California

Elymus glaucus var. *maximus* Davy in Jepson, Fl.
West Mid. Calif. 79. 1901.

"Napa Valley"
California Jepson
= *E. glaucus* Man. U. S.

Elymus glaucus Regel var. *planifolius* Regel, Act.
Hort. Petrop. 7: 585. 1881.

"In Kokaniae montibus Alai (O. Fedtschenko)."
Central Asia

Elymus glaucus var. *tenuis* Vasey, Contr. U. S. Nat.
Herb. 1: 280. 1893.

"Type specimen collected by John Macoun on
Vancouver Island in 1887 (No. 3)."
Man. U. S. Canada

Elymus glaucus Regel var. *teretifolius* Regel, Act.
Hort. Petrop. 7: 585. 1881.

"Ad fluvium Borotala superiorem (A. Regel)."
Central Asia

Elymus glaucus ssp. *virescens* (Piper) Gould, Madroño
9: 126. 1947.

Based on *Elymus virescens* Piper
= *E. virescens* Man. U. S.

Elymus gracilis R. A. Phil. Limnaea 33: 301. 1864-65.

"Loco Pantanos" dioto praedii mei valdiviani
inveni."

Elymus halophilus Biokn. Bull. Torrey Club 35: 201.
1908.

[collector not given--Bioknell?]

"Type from Acquidness Point++Sept. 11, 1907, in
herb. N. Y. Bot. Garden.
Nantucket, Mass.
= *E. virginicus* var. *halophilus* Man. U. S.

Elymus hansenii Scribn. U. S. Dept. Agr. Div. Agrost.
Bull. 11: 56. f. 12. 1898.

"Amador County, Cal. (No. 1742, George Hansen)
= *Sitanion hansenii* Man. U. S.

Elymus hirsutiglumis Scribn. U. S. Dept. Agr. Div.
Agrost. Bull. 11: 58. 1898.

Based on "E. intermedius Scribn. & Smith 1897....
not *E. intermedius* Marsch.--Bieb.
= *E. virginicus* var. *intermedius* (Vasey) Bush
Man. U. S.

Elymus hirsutus Schreb. ex Roem. & Schult. Syst. Veg.
2: 776. 1817, as syn. of *E. villosus* Muhl.

Man. U. S.

Elymus hirsutus Presl, Rel. Haenk. 1: 264. 1830.

"Hab. in sinu Nootka" Haenke
Vancouver Isl. Canada
Man. U. S.

Elymus hirtiflorus Hitchc. Amer. Journ. Bot.
21: 132. f. 2. 1934.

"Type specimen in the U. S. Nat. Herb. no. 1019435,
collected along edge of river at Green River, Wyo.
June 25, 1895, by C. L. Shear (no. 284)."
Man. U. S.

Elymus hispidulus Davy in Jepson Fl. West. Mid.
Calif. 79. 1901.

"4306b Davy, Aug. 1898."
"Olema, Marin Co.," Calif.
= *E. glaucus* Man. U. S.

- Elymus hordeaceus* Pall. Nov. Act. Acad. Petrop.
10: 305. 1797, nom. nud.
U.R.S.S.
- Elymus hordeiformis* Willem. Phytogr. Enayol. Fl. Econ.
1: 112. 1808, as syn. of *Elymus arenarius*
[Europe]
- Elymus hordeiformis* Roem. & Schult. Syst. Veg.
2: 779. 1817.
Roem. & Schult. cite: "H. paris. ...Habitat?"
- Elymus hordeiformis* Desf. Cat. Pl. Paris ed. 3. 18,
387. 1829. Not Roem. & Schult. 1817.
[Desf. Tabl. 1: 15 nom.]
"E. striatus Willd."
Hort. Paris [cultivated from American seed or error]
- Elymus howellii*, Scribn. & Merr. Contr. U. S. Nat.
Herb. 13: 88. 1910.
"Type U. S. National Herbarium no. 592340, collected August 14, 1895, Revillagigedo Island by Thomas Howell (no. 1723) and distributed as "Elymus dahuricus Turcz. (?)." "
Alaska
- Elymus hyalanthus* Rupr. Mém. Acad. St. Petersburg. VII.
14: 36. 1869.
No loc. cited Central Asia
- Elymus hystrix* L. Sp. Pl. 560. 1753.
"Habitat in ---[Va. Gronovius]
= *Hystrix patula* Man. U. S.
- Elymus hystrix* (Nutt.) Jones, Contr. West Bot.
14: 20. 1912. Not L. Sp. Pl. 1753.
Based on "Aegilops Hystrix Nutt."
= *Elymus hystrix* Jones Not L. Man. U. S.
Western U. S.
- Elymus innovatus* Beal, Grasses N. Amer. 2: 650. 1896.
"North fork of Sims River, Mont. R. S. Williams" in 1887.
Man. U. S.
- Elymus innovatus* f. *laxatus* Lepage, Nat. Canad. 79:
178. 1952.
Ontario: Baie James, berge de calcaire silurien, rivière Attawapiskat, 1946, Dutilly & Lepage 16395 (TYPE, Catholic Univ. of America, Wash.).
- Elymus innovatus* ssp. *velutinus* Bowden, Can. Journ. Bot.
37: 1146. 1959.
Alaska: Cyt. No. 1267, Big Delta Camp Area, Mile 264, Richardson Highway, ---W. J. Cody & T. J. M. Webster 6158, holotype of ssp. *velutinus* (D.A.O.); 2n = 56 det on one plant. Cyt. No. 1268, same locality (paratype and topotype), clump in disturbed ground by road through mixed spruce woods, W. J. Cody 6259; 2n = 56 det. on one plant.
"Other specimens examined of ssp. *velutinus* (paratypes Alaska: Vicinity of Donnelly Dome, east of Richardson Highway, elev. 2000 ft. ---G. W. Argus 1049. Near Delta Junction ---W. J. Cody & T. J. M. Webster 6033--Fairbanks ---A. S. Hitchcock 1476---many cited.
- Elymus insularis* (J. G. Smith) Jones, Contr. West.
Bot. 14: 20. 1912.
Based on "Sitianion insulare J. G. Smith."
= *Sitianion hystrix* Man. U. S.
Utah
- Elymus interior* Muhlén, Acta Univ. Lund. n. ser.
38: 270. f. 1 c & 2 a. 1942.
"Type specimen: S. coast of Taimyr sea 74° 37' N. 103° 25' E. Tolmatchev 434 (S)."
Siberia
- Elymus intermedius* Marsch.-Bieb. Fl. Taur. Cauc.
1: 82. 1808.
"Habitat in Iberias deserto Karajoes...D. Steuen."
Transcaucasia Russia
- Elymus intermedius* Scribn. & Smith, U. S. Dept. Agr.
Div. Agrost. Bull. 4: 38. 1897. Not Marsch.-Bieb. 1808.
"From Maine to Virginia, west to Illinois and Nebraska."
(changed to *E. hirsutiglumis* Scribn.)
= *E. virginicus* var. *intermedius* Man. U. S.
- Elymus interruptus* Buckl. Proc. Acad. Phila.
1862: 99. 1862.
"Llano County. Texas. Buckley."
Man. U. S.
- Elymus jejunos* (Ramaley) Rydb. Bull. Torrey Club
36: 539. 1909.
Based on *Elymus virginicus* f. *jejunus* Ramaley.
= *Elymus virginicus* Man. U. S.
Minn. Sheldon no. 1735 [error for 1375] 1894.
- Elymus jennisensis* Turcz. Bull. Soc. Nat. Moscou
29: 64. 1856.
"In sabulosis ad fl. Jenissei, prope Krasnoyarsk."
Siberia
- Elymus jubatus* (L.) Link, Hort. Berol. 1: 19. 1827.
Based on "Hordeum jubatum L."
Cult. [description indicates *Hordeum jubatum*]
- Elymus junceus* Fisch. Mem. Soc. Nat. Moscou 1: 25,
pt. 4. 1811.
"communiquée par Mr. Redoffsky, qui la croit originaire des steppes sablonneuses du bas Volga."
U.S.S.R. Europe
- Elymus junceus* var. *alberti* (Regel) Roshev. ex Fedtsch.
Bull. Jard. Bot. Pierre Grand 14(Suppl. 2): 101. 1915.
Based on *E. alberti* Regel
Thian-Shan-Central Asia
- Elymus junceus* Fisch. var. *desertorum* (Kar. & Kir.)
Regel, Bull. Soc. Nat. Moscou 41: 284. 1868.
Based on *E. desertorum* Kar. & Kir. enum. pl. Soong.
p. 214. no. 214.
Russia Asia
- Elymus junceus* var. *glabriusculus* Regel, Bull. Soc.
Nat. Moscou 41: 284. 1868.
"Tschilik-Thal im Alatau transiliensis, auf Steppenboden...(Semenow)."
Central Asia
- Elymus junceus* Fisch. var. *glabriusculus* Regel ex Fedtsch. Bull. Jard. Bot. Pierre Grand 14(Suppl. 2): 101. 1915, nom. nud. as syn. of *E. karatavicus* Regel ex Fedtsch. l.c. nom. nud.
"E. junceus var. *typicus* (Trautv.) Regel, Descr. Pl. Nov. Acta H. P. VII, p. 584) (ex parte)." cited.
"Hab.: Prov. et distr. Akmolinsk. In agris et declivibus lapidoso-stepposis (Ganeschin, 1914, NoNo 480 et 529.---Semenov, 1914, NoNo 172309, 313 et 413).
Russia, Asia
- Elymus karatavicus* Regel ex Fedtsch. Bull. Jard. Bot. Pierre Grand 14(Suppl. 2): 101. 1915, without descr.
"E. junceus Fisch. var. *glabriusculus* Regel" cited.
- Elymus karataviensis* Roshev.
- Elymus karelini* Turcz. Bull. Soc. Nat. Moscou
29: 64. 1856.
"In Turcomania legit am. Karelin."
Turkestan
- Elymus kirghisorum* Drobov, Trav. Mus. Bot. Acad. Sci. Petrograd 14: 135. pl. 2. 1915.
"Hab.: Prov. Akmolinsk. Distr. Kokozetav et Akmolinsk. In salsis, steppeis arenoso-lapidosis et ripis arenosis (Drobov, 1913, No. 935.---Ganeschin, 1914, NoNo 330, 782, 881, 965 et 1414.---Semenov, 1914, NoNo 28, 30, 259 et 598)."
Russia, Asia
aff. *E. arenarius* L.
- Elymus kirghisorum* var. *glaber* Drobov, Trav. Mus. Bot. Acad. Sci. Petrograd 14: 136. 1915.
"Akmolinsk Drobov 935
Ganeschin 330, 965
[Habitat given in Russian]
Russia, Asia
- Elymus kirghisorum* var. *hirsutus* Drobov, Trav. Mus. Bot. Acad. Sci. Petrograd 14: 136. 1915.
Akmolinsk [Habitat in Russian]
Ganeschin No. 1414, No. 782, No. 881.
Semenov No. 28, 40, 598, 259
Russia, Asia
- Elymus kokozetavicus* Drobov, Trav. Mus. Bot. Acad. Sci. Petrograd 14: 131. pl. 1, fig. 5. 1915.
"Hab.: Prov. Akmolinsk, distr. Kokozetav. In declivibus lapidoso-stepposis prope piket Asat (Drobov, 1913, No. 207)."
Russia, Asia
"Aff. *E. junceus* Fisch."
Compares with "*E. caespitosus* Sukacz (*E. caespitosus* m. sp. nov.)"
- Elymus kopetdagensis* Roshev. in Fedtsch. Fl. Turkm.
1: 211, f. 86. 1932, in Russian; (Nevski) Roshev. Acta Inst. Bot. Acad. Sci. U.R.S.S. I. 2: 100. 1936, Latin descr.
Citation 1936--Based on *Aneurolepidium kopetdagense* Nevski [1934]
[Turkomans. Russia. Asia]
"aff. *Elymus turgaiico* Roshev."

Elymus krascheninnikovi Roshev. Bull. Jard. Bot.

Acad. Sci. U.R.S.S. 30: 780. 1932.

Based on *Elymus sibiricus* var. *krascheninnikovi* Roshev. no citation.

Mongolia bor.-occidentalis: In valle fl. Dshargalanta. Ad fontem fl. Ueber-Dshargalanta, no. 967/169 11 IX 1925, H. Krascheninnikov!"

aff. *Elymus sibiricus* L.

Elymus lanatus Korsh Mem. Acad. St. Petersburg. VIII.

4: 102. 1896.

"Hab. in valle Alaj (Katta-Alaj, id est vallis pars major) in abruptis et declivibus lapidoso-arenosis ad fl. Birdshar; 18 Jul. fl. legi."

Turkestan

Elymus lanatus var. *canus* Hack. Naturhist. For.

Kjøbenhavn. Vid. Medd. 1903: 178. 1903.

"N. 974. Pamir, on dry slopes near the lake Jashil Kul...N. 1100. Ibid.

Pamir, Asia

Elymus lanceolatus (Scribn. and Smith) Gould, Madrono

10: 94. 1949.

Presumably based on *Agropyron lanceolatum* Scribn. & Smith.

= *Agropyron dasystachyum* (Hook.) Scribn. Man. U. S.

Elymus lanuginosus Trin. ex Ledeb. Fl. Alt. 1: 121.

1829.

"In montibus Arkaul et Dolenkara, versus casumen (N.)."

Siberia

Elymus latiglumis B. A. Phil. Linnaea 33: 302. 1864-65.

"Ad lacum S. Rafael"....invenit orn. Dr. Fr. Fonok."

Chile

Elymus lechleri Steud. Syn. Fl. Glum. 1: 430. 1855.

"Hrbr. Lechler nr. 1235. Sandy Point Magellan, S. America

Elymus leckenbyi (Piper) Piper, Contr. U. S. Nat.

Herb. 11: 151. 1906.

Based on *Sitanion leckenbyi* Piper

= *Sitanion hansenii* Man. U. S.

Snake River, Washington

Elymus leptostachyus Speg. Rev. Fac. Agron. Vet.

La Plata 3: 631. 1897.

"Hab. In pratis dumetosis et in sylvis secus Rio Carren-leofé." [Carlos Moyano in 1889.]

[Some were coll. by E. Fischer]

Argentina

Elymus leucostachys Eversm. ex Griseb. in Ledeb. Fl.

Ross. 4: 333. 1853, as syn. of *E. dasystachys* var. *salsuginosus* Ledeb.

"Eversm. mscr. in hb. Bung."

Russia, Asia

Elymus litoralis Turoz. ex Griseb. in Ledeb. Fl.

Ross. 4: 333. 1853, as syn. of *E. dasystachys* Trin.

"E. litoralis Turoz. mscr."

"Triticum litorale Pall. It. III, p. 287." cited

Russia, Asia

Elymus mackenziei Bush, Amer. Midl. Nat. 10: 53. 1926.

"Type, Bush 77, Eagle Rock, Missouri, June 15, 1897 U. S. N. Herb. No. 318128; cotypes in Herbarium of Missouri Bot. Garden, Sheet No. 119875, and in Herbarium of Kenneth K. Mackenzie."

= *E. glaucus* Man. U. S.

Elymus macounii Vasey, Bull. Torrey Club 13: 119.

1886.

"from Mr. J[ohn] Macoun an *Elymus* collected in the Great Plains of British America."

Man. U. S.

"Of the 7 collections (two on one sheet) at the U.S. Herbarium 4 Macoun specimens that had been collected in the province of Saskatchewan from 1872 to 1879 are part of the type material of *E. macounii*." Bowden, Bull. Torrey Club 87: 206. 1960.

Elymus macrostachys Spreng. Journ. Bot. Schrad. 2: 196.

1800.

"Von Frau von Friedland auf Kauersdorf." [im botanischen Garten zu Halle im Jahre 1801 gezogen sind.] [from title]

Spica longissima, spiculis quaternis trifloris, flossulo imo sessili, reliquis duobus pedunculatis involucri octophyllo subulato floribus longiori."

Elymus marginalis Rydb. Bull. Torrey Club 36: 539.

1909.

"British Columbia: Lower Arrow Lake, June 18, 1890. Macoun 44 (type in herb. Columbia University)."

= *E. glaucus* Man. U. S.

Elymus mexicanus Cav. Desc. Fl. 314. 1802.

"Es natural de México, y se cultiva al ayre libre en el Real Jardin botanico."

Elymus minor (J. G. Smith) Jones, Contr. West Bot.

14: 20. 1912.

Based on *Sitanion minor* J. G. Smith.

= *Sitanion hystrix* Man. U. S.

? California

Elymus mollis Trin. in Spreng., Neu. Ehtd. 2: 72. 1821.

"Herb. Gorenk. ...Hab. in Camtschatka et in Inss. aleuticis."

Kamohatka and Aleutian Islands.

Trin. author of pp. 33-84. Man. U.S.

Elymus mollis R. Br. in Richards. Bot. App. Frankl.

Journ. 732. 1823. Not Trin. 1821.

Cited as "Brown Ms." = R. Br.

"wooded country from latitude 54° to 64° north." [Richardson, Collector]

= *E. innovatus* Beal Man. U. S.

Canada

Elymus mollis var. *brevispicus* Scribn. & Smith, U. S.

Dept. Agr. Div. Agrost. Bull. 11: 56. 1898.

"from St. Lawrence Bay"

Siberia

= *E. mollis* Trin. Man. U. S.

Elymus mollis var. *coreensis* (Hack.) Honda, Journ.

Fac. Sci. Univ. Tokyo Sect. III, Bot. 3: 21. 1930.

Based on *Elymus arenarius* var. *coreensis* Hack.

Korea

Elymus mollis ssp. *interior* (Hultén) Bowden, Can. Journ.

Bot. 35: 972. 1957.

Based on *E. interior* Hultén.

Elymus mollis ssp. *mollis* (Trin.) Bowden, Can. Journ.

Bot. 35: 954. 1957.

Elymus mollis ssp. *mollis* var. *coreensis* (Hack.) Bowden,

Can. Journ. Bot. 37: 1150. 1959.

Based on *Elymus arenarius* (L.) var. *coreensis* Hack. 1903.

Holotype: Korea:---prope Ouen-san, U. Faurie 843(W!) Syn. *Elymus mollis* ssp. *mollis* var. *japonicus* Bowden, Can. Journ. Bot. 35: 971. 1957. ["*Elymus mollis* (Trin.) Bowden, Can. Journ. Bot. 35: 951-993(1957)" listed] "*Elymus mollis* (Trin.) Pilger, Bot. Jahrb. 74: 6. 1945. Ohwi (14) wrote that this combination had already been published earlier but invalidly as a synonym = *Elymus mollis* (Trin.) Hara---Bot. Mag. Tokyo 52: 232. 1938. invalid"]

Elymus mollis ssp. *mollis* var. *japonicus* Bowden, Can.

Journ. Bot. 35: 971. 1957.

Japan: Hondo: Penins. Tateishi, prope Tsuruga, J. Ohwi 6661 type (U.S.). Shioyama near Sendai, Anonymous 20/9/1914 (U.S.). Rikuchū: Sakata's Nurseries s.n. Sept. 1912 (S). Korea---Ouen San (= Wonsan = Gensan), U. Faurie 843 (W). USSR: Maritime Territory, Prov. Austro-ussuriensis = Poset: s.w. of Vladivostok, A. F. Saverkin 199 (NY).

Elymus mollis ssp. *mollis* var. *mollis* f. *scabrinervis*

Bowden, Can. Journ. Bot. 35: 980. 1957.

"The plants of forma *scabrinervis* were tetraploid, 2n = 28.---New Brunswick: Cyt. no. 1487, Westmoreland Co. Cape Tormentine,---Northumberland Strait at Ferry Dock, W. G. Dore and D. Erskine 13716; Cyt. no. 1487 Cl., Arboretum Flots---Bowden & R. Roger, June 24, 1954---

Prince Edward Island, New Brunswick and Quebec

Elymus mollis ssp. *mollis* var. *mollis* f. *simulans* Bowden,

Can. Journ. Bot. 35: 981. 1957.

"British Columbia: Cyt. no. 1787Cl, Vancouver: Spanish Banks: W. G. Dore 15062, type of f. *simulans*,---

Elymus mollis forma *moniliformis* Lepage, Nat. Canad.

82: 189-193. 1955.

Quebec: prairie côtière, Vieux-Comptoir, 52° 37' N., 78° 42' W., 5 août 1954, Lepage 32211.

Elymus mollis Trin. ssp. *villosissimus* (Scribn.) Löve,

Bot. Not. 1950: 33. 1950.

Based on *Elymus villosissimus* Scribn. 1899, p. 326 - in Man. U. S.

St. Paul Isl. Alaska

= *E. mollis* Trin. [too late for Man.]

Elymus monococtus L. Syst. ed. 10. 2: 879. 1759.

[No place cited] Not in Savage, Cat. Linn Herb. L's descr. does not agree with that of *Triticum monococtum* L. 1753.

Elymus montanus Pall. ex Georgi, Geogr. Phys. & Nat.

Beschr. Russ. Reich. Nachtr. 258. 1802, nom. nud.

Russia

Elymus multicaulis Kar. & Kir. Bull. Soc. Nat.

Moscou 868. 1841.

"Hab. in sylvaticis ad torrentem Terekty circa montes Tarbagatai."

[Semipalatinsk, Russia, Asia]

Elymus pilosus Muhl. Am. Phil. Soc. Trans. 3: 161.
1793.

Pennsylvania

U. S. Unidentified

Elymus platatherus Link, Hort. Berol. 1: 18. 1827.

"Hab. in Aegypto. T. Ehrenberg."

Elymus praetervisus Steud. Syn. Fl. Glum. 1: 348. 1854.

"Lessing legit in montibus Ural."

Russia

Elymus pratensis R. A. Phil. Linnaea 33: 301. 1864.-
65.

"In praedio meo S. Juan crescit."

Chile

Elymus pringlei Scribn. & Merr. U. S. Dept. Agr. Div.
Agrost. Bull. 24: 30. 1901.

"Type specimen collected in wet soil in a valley
near Tula, State of Hidalgo....6637 C. G. Fringle,
June 1897."

Mexico

Elymus propinquus Fresen. Ind. Sem. Hort. Franco.
1836; ex Steud. Syn. Fl. Glum 1: 349. 1854.

"Illinois"

Man. U.S.

= *E. villosus* Muhl. in Willd. 1809.

Elymus pseudoagropyrum (Griseb.) Trin. ex Turcz. Bull.
Soc. Nat. Moscou 105. 1838, nom. nud.; 1: 63. 1856.

Based on *Triticum pseudoagropyrum* Griseb.

"Siberia transbaikalensis--"

Elymus pseudohystrix Schult. Mant. 2: 427. 1824.

Based on "*Elymus hystrix* Nutt." (error for L.,
Nuttall applying the Linnaean name correctly).

= *Hystrix patula* Moench Man. U. S.

and plains of the Missouri [western United States]

Elymus pubescens Davy in Jepson, Fl. West. Mid.

Calif. 78. 1901.

"July"

"Point Reyes" Calif.

= *Elymus virescens*

Elymus pubiflorus (J. G. Smith) Davy, Univ. Calif.

Bull. Bot. 1: 58. 1902.

Based on *Sitanion pubiflorum* J. G. Smith

= *Sitanion hystrix* Man. U. S.

Arizona

Elymus pubinodis Keng, Sunyatsenia 6: 85. pl. 14.
1942.

China

"Type in the Herbarium of the Biological Laboratory,
the Science Society of China,....in yard of a ruined
house, on the left hill behind Shaowusze Agricul-
tural Station, Taining district, Sikang province,
July 25, 1940, by K. L. Chu (no. 7470)."

"near *E. mollis* Trin. var. *corensis* Honda"

Elymus racemosus Lam. Tabl. Encycl. 1: 207. 1791.

"Ex Siberia."

Elymus racemosus Poir. in Lam. Encycl. Suppl. 2: 546.
1812. Not Lam. 1791.

"Cette plante est cultivée au Jardin des Plantes de
Paris. Son lieu natal n'est pas connu." (V. v.)"

Elymus racemosus var. *sabulosus* (Marsch.-Bieb.) Bowden,
Can. Journ. Bot. 35: 978. 1957.

Based on *Elymus sabulosus* Marsch.-Bieb.

[Marsh.-Bieb. not cited, only "(Bieb.) comb. nov."]

[Eur. Russia]

"---Tauria---ad Caucasum, etiam ad Wolgam" [Volga]

Elymus ramosus Desf. Tabl. Ecol. Bot. Mus. 15. 1804;

Cat. Fl. Paris ed. 3. 18, 387. 1829.

No loc. cited: "Hortus parisiensis." Cult.

Elymus Regeli Roshev. Bull. Jard. Bot. Acad. Sci.

U.R.S.S. 30: 781. 1932.

Elymus aralensis var. *glaucus* Rgl. "ex parte!"

"District Kuldsha: Filutschi prope Kuldsha, 17 V.
1877, et Chojur-Sumen, meridiem, versus ab urbe
kuldsha, 27. V. 1877, A. Regel."

Central Asia

aff. *Elymus aralensis* Regel

Elymus repens (L.) Gould, Madrono 9: 127. 1947.

Based on *Triticum repens* L.

= *Agropyron repens* Man. U. S.

Elymus rhachitrichus Hochst. ex Jaub. & Spach,
Illustr. Fl. Orient. 4: 30. 1850-53, as syn. of
Crithopsis rhachitricha Jaub. & Spach.

Syria

Elymus rigescens Trin. Linnaea 10: 304. 1836.

"Andes de Antuco." (America calidior, Poeppig)

Chile

Elymus riparius Wiegand, Rhodora 20: 84. 1918.

"bottomland woods and thickets in alluvial soil at
head of Cayuga Lake, Ithaca, August 1915....Eames &
MacDaniels, no. 3567 (type in Gray Herb.)"

Man. U. S.

New York

Elymus riparius (Scribn. & Smith) Gould, Madrono

9: 127. 1947. Not Wiegand 1918.

Based on *Agropyron riparium* Scribn. & Smith

= " " " " " "

Man. U. S.

Elymus robustus Scribn. & Smith, U. S. Dept. Agr.
Div. Agrost. Bull. 4: 37. 1897.

"Has been regarded variety of *E. canadensis* Linn.
Specimens examined from Illinois, Iowa, Kansas and
Montana."

= *E. canadensis* var. *robustus* Man. U. S.

Elymus robustus var. *vestitus* Wiegand, Rhodora
20: 90. 1918.

"Type (in Herb. N. Y. State Col. Agric. Ithaca):
dry ground, Cedar Point, Erie County, Ohio, July
17, 1914, L. H. MacDaniels, no. 106."

Ohio

= *E. canadensis* Man. U. S.

Elymus rydbergii Gould, Madrono 10: 94. 1949.

Based on *Agropyron riparium* Scribn. and Smith,
Not *Elymus riparius* Wieg.

= *Agropyron riparium* Scribn. and Smith. Man. U. S.

Elymus sabulosus Marsch.-Bieb. Fl. Taur. Cauc.

1: 81. 1808.

"Abundat in arenâ mobili tam per Tauriam, quam ad
Caucasum; etiam ad Wolgam, Borysthenem et Tanaim."

Russia Europe

Elymus sabulosus var. *depauperata* Bornm. Bot.

Centralbl. 36: 156. 1888.

"*Elymus arenarius* (L. misappl. by) Velen. Abh.
Böhm. Ges. Wiss. VII 1: 46. 1886. No description
given here, only the place. "Im Meeressande bei
Varna."

Bulgaria

Elymus sabulosus var. *typicus* Krilov, Flora Altaica

7: 1708. 1914 (In Russian)

Altai, Asia

[4]
Elymus salina Jones, Proc. Calif. Acad. II.

5: 725. 1895.

[*Elymus salina* was doubtless a slip of the pen]

"No. 5447. Top of Salina Pass, Utah, 8200' alt.,
in clay, in rather alkaline soil." [Jones]

Elymus salsuginosus Turcz. ex Ledeb. Fl. Ross.

4: 333. 1853, as syn. of *E. dasystachys* var. *salsu-*
suginosus Ledeb. Cited here as "*E. salsuginosus*
Turcz! msor." without any citation; Roshev. Act.
Hort. Petrop. 40: 254. 1928, with Russian descr.
[Valid date, 1928.]

Russia Asia

Elymus salsuginosus var. *glabrior* (Regel) Roshev. Act.
Hort. Petrop. 40: 255. 1928.

Based on *Elymus dasystachys* var. *glabrior* Regel.

Turkestan

Elymus salsuginosus var. *paboanus* (Claus) Roshev.

Act. Hort. Petrop. 40: 255. 1928.

Based on *Elymus paboanus* Claus

(Pabo missus)

Russia- Europe

Elymus saundersii Vasey, Bull. Torrey Club

11: 126. 1884.

"Collected at Veta Pass, Colorado."

= *Agropyron saundersii* Man. U. S.

Elymus Saundersii var. *californicus* Hoover, Leaf1.

West. Bot. 3: 255. 1943.

"Upper Cottonwood Creek, Hoover No. 5568 (type)."

[Sweetwater Mountains n.w. of Bridgeport in Mono
County]

California

= *Agropyron saundersii* Man. U. S.

Elymus saxicolus Scribn. & Smith, U. S. Dept. Agr.

Div. Agrost. Bull. 11: 56, pl. 15. 1898.

"among boulders and rocky crevices on the summit of
Mount Chapaca, altitude 1,900 meters (no. 554,
Elmer, August 1897)"

Washington

= *Agropyron saxicola* (S. & S.) Piper Man. U. S.

Elymus tener var. *ramosus* Tausch, Flora 20⁷: 119.
1837. [ramosus error for racemosus]

"E. racemosus Poir" cited.
[Jardin des Plantes, Paris]

Elymus thompsoni Hook.f. Fl. Brit. Ind. 7: 374. 1896.

"Western Tibet; Danskar, in Piti, alt. 13,000 ft.
Thomson."

Tibet

Elymus tianschanicus Drobov, Repert. Sp. Nov. Fedde
21: 45. 1925.

(Drobov in Vved. Key Fl. Tashkent 44. 1923, in
Russian)

"Prov. Syr-darja. Distr. Taschkent. In declivi-
bus prope pag. Erioz-mulla. (Drobov, 1921, no. 178)

Turkestan

Elymus trachycaulus (Link) Gould, "ined." ex Shinnars,
Rhodora 56: 28. 1954.

Based on *Triticum trachycaulum* Link. (*Elymus*
pauciflorus (Schweinitz) Gould, 1947; not
Lamarck, 1791 cited).

= *Agropyron trachycaulum* Man. U. S.

Grown from seed from North America

Man. U.S.

Elymus triticoides Buckl. Proc. Acad. Nat. Sci.
Phila. 1862: 99. 1862.

"Rocky Mountains. Nuttall." Man. U. S.

Elymus triticoides ssp. *multiflorus* Gould, Madrono
8: 46. 1945.

"Type. Near San Francisco Bay at Albany, Contra
Costa County, California, July 4, 1941, Frank W.
Gould 1304 (University of California Herbarium
no. 686616)." Man. U. S.

Elymus triticoides var. *pubescens* Hitchc. in
Jepson, Fl. Calif. 1: 186. 1912.

"Type in the National Herbarium, collected at
Griffin, Ventura Co., by Elmer (no. 3748)." Man. U.S.

California

Elymus triticoides var. *simplex* (Scribn. & Williams)

Hitchc. Amer. Journ. Bot. 21: 132. 1934.

Based on *Elymus simplex* Scribn. & Williams

Man. U. S.

Elymus tsukushiensis Honda, Bot. Mag. Tokyo 50: 391.
1936.

Hab. Kyūshū: Fukuoka, prov. Chikuzen (K. Nakajima,
no. 9, anno 1933--typus in Herb. Imp. Univ. Tokyo);
ins. Genkaijima, prov. Chikuzen (K. Nakajima, no. 6,
anno 1933); Izuhara, prov. Tsushima (K. Nakajima,
no. 96, anno 1935).

Planta endemica

Elymus turganicus Roshev. ex Fedtsch. Bull. Jard. Bot.

Pierre Grand 14 (Suppl. 2): 100. 1915, nom. nud.;

Act. Hort. Petrop. 40: 253. 1928, in Russian and
Latin.

"*Elymus giganteus* auct. partim!

"*salsuginosus* auct. partim!" cited.

Turgai, Siberia

Elymus ugamicus Drobov, Repert. Sp. Nov. Fedde
21: 45. 1925.

(Drobov in Vved. Key Fl. Tashkent 44. 1923, in
Russian)

"Prov. Syr-darja. In mont. ca. urb. Taschkent.
(Popov, 1920, no. 1191, 1345-46, 1360.)
Tosozevikova, 1921, no. 154)." Man. U. S.

Turkestan

Elymus uniflorus R. A. Phil. Anal. Univ. Chile
94: 349. 1896.

"Ex expeditione ad vallem fluminis Palena advexit
orn. Frid. Delfin."

Chile

Elymus vaginatus R. A. Phil. Linnaea 33: 300. 1864-65.

"Prope Corral" legit orn. Krause."

Chile

Elymus valdiviae Steud. Syn. Fl. Glum. 1: 349. 1854.

"(Hrbr. Lechler nr. 444)""Valdivia Chile."

X *Elymus vancouverensis* Vasey, Bull. Torrey Club

15: 48. 1888. Type (U.S.!) Man. U.S.

Vancouver Island. J. Macoun 1887.

Elymus X vancouverensis Vasey ex Bowden, Can. Journ. Bot.
35: 973. 1957.

Vancouver Isl., J. Macoun 1887.

T

Elymus X vancouverensis nm. *californicus* Bowden, Can.
Journ. Bot. 35: 975. 1957.

"Type: Cultivated---gardens---Div. Genetics, Univ.
California, Berkeley, Cal., from rhizomes---Stinson
Beach, Marin Co., Cal. in 1945 and growing with
E. mollis and E. triticoides; G. L. Stebbins Jr. 3594,
July 28, 1953 (holotype, DAO and 3 isotypes); and 1
sheet, grown at Ottawa from living rhizomes of same
collection, transplanted Aug. 1953, col. in Arboretum
plots by Bowden, Cyt. no. 1678C2---"

Elymus X vancouverensis Vasey nm. *oreocentianus* Bowden,
Can. Journ. Bot. 35: 976. 1957.

British Columbia: Vancouver: Crescent Beach---near
Dore & Eastham 15066 (E. mollis Trin.); at top of
beach;---immature spike W. G. Dore & J. W. Eastham
15067, June 4, 1954, type (DAO)

Elymus X vancouverensis Vasey nm. *Vancouverensis* Bowden,
Can. Journ. Bot. 35: 981. 1957.

[E. vancouverensis Vasey, Vancouver Isl.]

Elymus velutinus Scribn. & Merr. Bull. Torrey Club
29: 466. 1902.

"Type specimen collected at Deep Creek, San Bernar-
dino mountains, California, no. 2056, L. Abrams,
July 30, 1901."

= E. glaucus var. *jepsoni* Man. U.S.

Elymus villiflorus Rydb. Bull. Torrey Club
32: 609. 1905.

Boulder, Colo.; ^{Tweedy 4811} Letterman 553 [type];
Wyoming, A. Nelson 7151.

= E. ambiguus var. *strigosus* Man. U. S.

Elymus villosissimus Scribn. U. S. Dept. Agr. Div.
Agrost. Bull. 17: 326. f. 622. 1899.

"Type specimen from St. Paul Island. James M.
Macoun (16226)"

= *Elymus mollis* Man. U. S.

Alaska

Elymus villosulus Ohwi, Bot. Mag. Tokyo 45: 183. 1931.

"Typus: Hondo; Mt. Kirigamine in prov. Shinano
(10 VII. 1928. J. Ohwi)--in Herb. Univ. Imp.
Kyotoensis."

E. dahuricus var. *villosulus* (Ohwi) Ohwi 1941 based
on above

Elymus villosus Muhl. in Willd. Enum. Pl. 131. 1809.

"Habitat in Pennsylvania." Muhlenberg
Man. U. S.

Elymus villosus Trin. ex Fedtsch. Bull. Jard. Bot.
Pierre Grand 14 (Suppl. 2): 102. 1915, nom. nud.
Not Muhl, 1809.

U.S.S.R.

Elymus villosus f. *arkansanus* (Scribn. & Ball)
Fernald, Rhodora 35: 195. 1933.

Based on E. arkansanus Scribn. & Ball Man. U. S.

Elymus villosus var. *glabriusculus* Torr. U. S. Rep.
Expl. Miss. Pacif. 4(5): 157. 1855.

"Napa Valley, California."

= *Elymus glaucus* Buckl. Man. U.S.

Elymus virescens Piper, Erythea 7: 101. 1899.

[Piper]
"Based on my no. 1988, collected in damp coniferous
woods...Olympic Mts. Aug. 1895."

Wash.

Man. U.S.

Elymus virginicus L. Sp. Pl. 84. 1753

Man. U. S. Virginia

Elymus virginicus var. *arcuatus* Wood, Amer. Bot. &
Flor. Pt. 2. 405. 1871.

"s" = South of Va. & Ky.

[? *Elymus virginicus* var. *submuticus* Hook.--A.S.H.]
Man. U.S.

Elymus virginicus var. *australis* (Scribn. & Ball)

Hitchc. in Deam, Ind. Dept. Conserv. Pub.

82: 113. 1929.

Based on *Elymus australis* Scribn. & Ball.

Man. U. S.

Elymus virginicus var. *glabriflorus* (Vasey) Bush, Amer.
Midl. Nat. 10: 62. 1926.

Based on E. canadensis var. *glabriflorus* Vasey.
Man. U. S.

Elymus virginicus var. *glabriflorus* f. *australis*
(Scribn. & Ball) Fernald, Rhodora 35: 198. 1933.

Based on E. australis Scribn. & Ball

= E. virginicus var. *australis*

Man. U. S.

Elymus virginicus var. *glaucus* Beal, Grasses N. Amer.
2: 653. 1896.

Agricultural College, Mich. Beal 164, 165.

= E. virginicus var. *glabriflorus* Man. U. S.

Elymus virginicus var. *halophilus* (Bickn.) Wiegand,
Rhodora 20: 83. 1918.

Based on *E. halophilus* Bicknell Man. U. S.

Elymus virginicus var. *halophilus* f. *lasiolepis*
Fernald, Rhodora 35: 198. 1933.

"Nova Scotia: crest of cobbly barrier beach, Sand
Beach, Sept. 7, 1920, Fernald, Long & Linder No.
20,113 (Type in Gray Herb.) distributed as *E.*
virginicus var. *hirsutiglumis*."

= *Elymus virginicus* var. *halophilus* Man. U. S.

Elymus virginicus var. *hirsutiglumis* Hitchc. in
Robinson, Rhodora 10: 65. 1908.

Based on *Elymus hirsutiglumis* Scribn.

= *E. virginicus* var. *intermedius* Man. U. S.

Elymus virginicus intermedius (Vasey) Bush, Amer.
Midl. Nat. 10: 60. 1926.

Based on *Elymus canadensis* var. *intermedius* Vasey
Man. U. S.

Elymus virginicus var. *jejunus* (Ramaley) Bush, Amer.
Midl. Nat. 10: 65. 1926.

Based on *E. virginicus forma jejunus* Ramaley

= *E. virginicus* Man. U. S.

Elymus virginicus f. *jejunus* Ramaley. Minn. Bot.
Stud. 9: 114. 1894.

"Lake Benton Minn., Sheldon 1735 [err. for 1375]"

= *E. virginicus* Man. U. S.

Elymus virginicus var. *micromeris* Schmolli, Rhodora
39: 416. 1937.

"North Dakota: Peninsula of Lake Ibsen, Leeds,
July 28, 1900, J. Lunell (Type in Herb. Field
Mus.)."

= *E. virginicus* Man. U. S.

Elymus virginicus var. *minor* Vasey ex L. H. Dewey,
Contr. U. S. Nat. Herb. 2: 550. 1894.

W. ...
Northern Texas Buckley

= *E. Virginicus* Man. U. S.

Elymus virginicus var. *submuticus* Hook. Fl. Bor.
Amer. 2: 255. 1840.

"Cumberland House Fort, on the Saskatchewan,
Drummond." Man. U. S.

Elymus virginicus f. *submuticus* (Hook.) Pohl, Amer.
Midl. Nat. 38: 549. 1947.

Based on *E. virginicus* var. *submuticus* Hook.

= *E. virginicus* var. *submuticus* Man. U. S.

Elymus virginicus var. *typicus* f. *hirsutiglumis*
(Scribn.) Fernald, Rhodora 35: 198. 1933.

Based on *E. hirsutiglumis* Scribn.

= *Elymus virginicus* var. *intermedius* Man. U. S.

Elymus vulpinus Rydb. Bull. Torrey Club 36: 540. 1909.

"Nebraska: Lake region of Grant Co., north east of
Jhitman, Rydberg 1612 (type, in herb. N. Y. Bot.
Gard.)."

= *Agropyron vulpinum* (Rydb.) Hitchc. Man. U. S.

Elymus Wiegandii Fernald, Rhodora 35: 192. 1933.

"The following may stand as type: low gravelly
thicket by St. John River, St. Francis, Maine,
Aug. 5, 1893, Fernald, no. 197, in Gray Herb.
(distributed as *E. canadensis* var. *glaucofolius*)."

= *E. canadensis* Man. U. S.

Elymus Wiegandii f. *calvescens* Fernald, Rhodora
35: 192. 1933.

"Type: river-intervale, Dead River, Maine, Aug. 13,
1896, Fernald & Strong (Herb. N. E. Bot. Club)."

= *E. canadensis* Man. U. S.

Elymus yessoensis Honda, Journ. Fac. Sci. Univ.
Tokyo Sect. III, Bot. 3: 16. 1930.

"Yezo: Sine loco speciali (J. Matsumura?)
Japan

Elymus yubaridakensis (Honda) Ohwi, Acta Phytotax. &
Geobot. 6: 54. 1937.

Based on "*Clinelymus yubaridakensis* Honda"
Japan

Elytrigia alaica (Drobov) Nevski, Act. Univ. Asiae
Med. VIII b. Bot. 17: 61. 1934.

Based on *Agropyron alaicum* Drobov.

Hab. Prov. Fergana, distr. Skobelev....ad fl.
kara-kasyk (Drobov 323)

Fergana, Asiatic Russia

Elytrigia alaica (Drob.) Nevski, Notulae Syst. ex herb.
Inst. Bot. Mem. V. L. Komarovii Acad. Sci. URSS. 20:
424. 1960. See 1934.

Elytrigia alaica ssp. *pamirica* Tzevel. Not. Syst. Inst.
Bot. V. L. Komarov Acad. Scient. URSS 20: 425. 1960.

"Typus subspecies: Tadzhikistania, Pamir, sistema fl.
Pahart occidentalis.....6 VII 1958, No. 490,
N. Tzevel."

Cites *Roegneria carinata* f. *vachanica* Oves.

Elytrigia alatavica (Drobov) Nevski, Act. Univ.
Asiae Med. VIII b. Bot. 17: 60. 1934.

Based on *Agropyron alatavicum* Drobov

Prov. Semi-reczie. Distr. Ama-ata. Fl. Czilik
(Abolin, 1915, no. 2867 et 2874),
Distr. Dzharkent. Fl. Kessyk ak-tas, (Abolin, 1917,
no. 5289.)

Turkestan

Elytrigia amgunensis (Nevski) Nevski, Acta Inst. Bot.
Acad. Sci. U.R.S.S. I. 2: 78. 1936.

Based on *Agropyron amgunense* Nevski.

Habitat in Oriente Extremo. (25 VI 1909 No. 144
I. V. Kuznetsov)

Elytrigia angularis Nevski, Acta Inst. Bot. Acad.
Sci. U.R.S.S. I. 2: 79. 1936.

"[Typus: in montibus prope Borshom, leg. G. Radde,
16, VI. 1867, No. 158." "Georgia caucasica."

Transcaucasia, Russia, Europe

aff. *E. gracillima* Nevski

Elytrigia argentea Nevski, Act. Univ. Asiae Med.
VIII b. Bot. 17: 61. 1934, in key.

"Tian-sohan orientalis."

Central Asia

Elytrigia armena Nevski, Acta Inst. Bot. Acad. Sci.
U.R.S.S. I. 2: 80. 1936.

"Armenia (Habitat in montibus besobdalensibus)"

aff. *E. pertenui* (C.A.M.) Nevski

Elytrigia attenuatiglumis Nevski, Acta Inst. Bot.
Acad. Sci. U.R.S.S. I. 2: 78. 1936.

"*Agropyron divaricatum* Grossh." cited

Typus: "in nemorosis montosis inter Pag. Swant et
Drych." 24 VI 1830, lg. C. A. Meyer."

Transcaucasia austro-orientalis ...in montibus
talyshensibus.

Russia, Europe

Elytrigia Aucheri (Boiss.) Nevski, Acta Inst. Bot.
Acad. Sci. U.R.S.S. I. 2: 24. 1933.

In Russian discussion, cites *Aegilops mutica* Boiss.
.... [*Agropyron trichophorum* auct. = *Elytrigia*
aucheri (Boiss.) Nevski]

Based on *Aegilops aucheri* Boiss

" " " " " fide Zhukov.

Syria

Elytrigia Batalinii (Krassn.) Nevski, Act. Univ.
Asiae Med. VIII b. Bot. 17: 61. 1934.

Based on *Triticum Batalini* Krassn.

in valle fluminis Sarry-Jassy in montibus Tian-
Shan.

Central Asia

Elytrigia caespitosa (C. Koch) Nevski, Act. Univ.
Asiae Med. VIII b. Bot. 17: 61. 1934.

Based on *Agropyron caespitosum* C. Koch

Auf dem Hochlande des obern kur Gebietes im Gause
Artahan...

[Kur River = Transcaucasia]

Gau = district, Province

Elytrigia ciliolata Nevski, Acta Inst. Bot. Acad.
Sci. U.R.S.S. I. 2: 84. 1936.

"Typus: in declivis stepposis prope pag. Laj.
distr. Argajash. leg. S. Nevski, 27. VI. 1930,
no. 83]."

Siberia transuralensis

aff. *E. praetermissa* Nevski

Elytrigia cretacea (Czern.) Hlokov & Prokudin, Proc.
Bot. Inst. Kharkov 3: 166. f. 5. I. 1938.

Based on "*Agropyron rigidum* Schrad. var.
cretaceum Czern."

In collibus cretaceis Ucraina VIII 1849.

[Kharkov, Russia]

Europe

Elytrigia dasystachya (Hook.) Löve & Löve, Bull.
Torrey Club 81: 33. 1954.

Based on *Triticum repens* var. *dasystachyum* Hook.

N. Amer. Aided to Man. U. S. II

= *Agropyron dasystachyum* (Hook.) Scribn.

Elytrigia disticha (Stapf) Prokudin, Not. Syst. Herb.
Inst. Bot. Acad. Sci. URSS, 16: 63. 1954, in obs.

= "*Agropyron distichum*" Ind. Kew 1959. p. 52.

Elytrigia divaricata (Boiss. & Bal.) Nevski, Acta
Inst. Bot. Acad. Sci. U.R.S.S. I. 2: 78. 1936.

Based on *Agropyron divaricatum* Boiss & Bal.

"sous-alpine du Karamas-Dagh et du Dédé-Dagh
(Cappadoce)."

Asia Minor

Elytrigia dshungarica Nevski, Act. Univ. Asiae Med.
VIII b. Bot. 17: 61. 1934.

[also spelled dshungarica]

"Alatau Dshungaricus, Tian-Schan"

= Typus: in declivis saxosis in valle fluminis Arasan (Tian-Schan orientalis), lg. B. Schischkin, 28 V 1912. [Latter copied from Nevski, Acta Inst. Bot. Acad. Sci. U.R.S.S. I. 2: 81. 1936.]

Asia media

aff. *E. ferganensis* (Lob.) Nevski

Elytrigia elongata (Host) Nevski, Acta Inst. Bot.
Acad. Sci. Russia 1: 23. 1933.

Based on *Triticum elongatum* Host.

Istria peninsula, etc.

[Adriatic Sea]

= *Agropyron elongatum* (Host) Beauv.

Elytrigia elongata var. *haifensis* Meld. Ark. för
Bot. 2: 304. 1952.

Haifa, Sandstrand, Syria.

Elytrigia elongatiformis (Drobov) Nevski, Act. Univ.
Asiae Med. VIIIb. Bot. 17: 61. 1934.

Based on *Agropyron elongatiforme* Drobov

Prov. Syr-darja. Distr. Taschkent. Circa urb. Taschkent (Drobov, 1919.) Distr. Czimkent. Dahebogly (Abolin et Popov, 1921, no. 8342.)

Turkestan

Elytrigia ferganensis (Drobov) Nevski, Act. Univ.
Asiae Med. VIII b. Bot. 17: 61. 1934, in key.

Based on *Agropyron ferganense* Drobov.

"Hab.: Prov. Fergana, distr. Skobelev...ad fl. kara-kasyk (Drobov No. 317)."

Fergana, Asiatic Russia.

Elytrigia firmiculmis Nevski, Acta Inst. Bot. Acad.
Sci. U.R.S.S. I. 2: 82. 1936.

"[Typus: Transcaucasia. Ustupi. leg. Radde, 9 VI 1890, no. 356]."

Transcaucasia australis

Russia, Eur.

aff. *E. caespitosa* (C. Koch) Nevski

Elytrigia geniculata (Trin.) Nevski, Acta Inst. Bot.
Acad. Sci. U.R.S.S. I. 2: 82. 1936.

Based on *Triticum geniculatum* Trin.

"ad fl. Tscharysch (L.) [Ledeb.]"

Siberia, Russia, Asia

Elytrigia Gmelinii (Trin.) Nevski, Acta Inst. Bot.
Acad. Sci. U.R.S.S. I. 2: 78. 1936.

Based on *Triticum Gmelini* Trin., which is probably based on *T. caninum* var. *Gmelini* Griseb.

Siberia, Russia, Asia.

Elytrigia gracillima Nevski, Acta Inst. Bot. Acad.
Sci. U.R.S.S. I. 2: 79. 1936.

"Typus: Caucasus, Daghestania, Mikra, leg. G. Radde 1. VII. 1885, no. 422."

Europe

aff. *E. stipifolia* (Czern.) Nevski

Elytrigia intermedia (Host) Nevski, Acta Inst. Bot.
Acad. Sci. U.R.S.S. I. 14. 1933.

Cited with basis in Russian discussion.

Also published in: Act. Univ. Asiae Med. VIIIb. Bot. 17: 61. 1934.

Based on *Triticum intermedium* Host, which is based on *T. junceum* Desor. in vol. 2 (pl. 22) not of L.

[Eur. No locality]

= *Agropyron intermedium* (Host) Beauv.

Elytrigia intermedia var. *genuinum* (Gren. & Godr.)
Prokudin, Proc. Bot. Inst. Kharkov 3: 176. 1938.

Based on *Triticum glaucum* var. *genuinum* Gren. & Godr.
Fl. France 3: 608. 1856.

France

Elytrigia intermedia var. *hispidum* (Aschers. & Graebn.)
Prokudin, Proc. Bot. Inst. Kharkov 3: 176. 1938.

Based on "*Triticum glaucum* A.I.B. *hispidum* Asch. & Gr."

Europe

Elytrigia intermedia var. *latronum* (Godr.) Prokudin,
Proc. Bot. Inst. Kharkov 3: 176. 1938.

Based on *Triticum glaucum* A.I.B. *latronum* Aschers. & Graebn., which is based on *T. latronum* Godr.

J'ai trouvé cette plante à la montagne de Cousson, près de Digne, etc.

Montpellier, France

Elytrigia intermedia var. *puberulum* Prokudin, Proc.
Bot. Inst. Kharkov 3: 176. 1938, in Uremanian.

"Syn. *Agropyron trichophorum* (Link) Richt. var. *glabrescens* Grossh."

[Prokudin cites Fl. U. R. S. S. 2: (1937) but this not located tho Dr. Blake's cards have Fl. Russia 1934-1940 or later.]

Elytrigia intermedia var. *virosens* (Panc.) Prokudin,
Proc. Bot. Inst. Kharkov 3: 176. 1938.

Based on "*Triticum glaucum* var. *virosens* Panc."

"Abhänge bei Bazurnja im Kragujevac Kr."

Europe Jugostavia

Elytrigia jacutorum Nevski, Acta Inst. Bot. Acad.
Sci. Russia 1: 24. 1933, incidental mention. Says
"= *Agropyron aegilopoides* Drobov, p. pte."
(Nevski) Nevski, Acta Inst. Bot. Acad. Sci. U.R.S.S. I. 2: 78. 1936.

Based on *Agropyron jacutorum* Nevski

Jacutia (4. VII. 1912, No. 386, V. P. Drobov)

Siberia, Yakutsk, Russia, Asia.

Elytrigia juncea (L.) Nevski, Acta Inst. Bot. Acad.
Sci. U.R.S.S. I. 2: 83. 1936.

[Nevski, Acta Inst. Bot. Acad. Sci. U.R.S.S. I. 1: 17. 1933, above name mentioned in Russian discussion]

Based on *Triticum junceum* L. Moen. Acad. 4: 266. 1759.

"Helvetia, Oriente" Switzerland

Elytrigia juncea ssp. *boreoatlantica* (Sim. & Quin)
Hyland. Nord. Käriväx. 1: 368. 1953.

Based on *Agropyron junceum* ssp. *boreoatlanticum* Sim. & Quin.

Europe

Elytrigia juncea ssp. *boreoatlantica* X *Elymus arenarius*
(X *Elymotrigia striata* (Deth.) Hyl. Hansen, Botanisk
Tidskrift 55: 309. 1960.

"Denmark"

Elytrigia juncea ssp. *boreoatlantica* (Sim. & Quin.) Hyl.
X *pungens* (Pers.) Tutin in Hansen, Botanisk
Tidskrift 55: 300. f. 6. 1960.

[Based on *Triticum pungens* Pers.] (loc. not cited)

(Label is "Plantae Daniellae")

Elytrigia juncea ssp. *boreoatlantica* X *pungens* (E. X
obtusiuscula Lange) Hyland. Nord. Käriväx. 1: 369. 1953.

Europe

Elytrigia juncea ssp. *boreoatlantica* X *repens* (E. X
litorea (Schum.) Hyland. Nord. Käriväx. 1: 369. 1953.

Europe

Elytrigia juncea var. *Sartorii* (Boiss. & Heldr.)
V. & G. Täckh. Egypt. Univ. Faculty Sci. Bull.
no. 17: 222. 1941.

Based on *Agropyron junceum* var. *Sartorii* Boiss. & Heldr.

Type loc.: "Hab. in insula Teno (Sartori) Greece"

= *Agropyron*

Elytrigia junceiformis Löve & Löve, Univ. Inst. Appl.
Sci. Dept. Agr. Rep. Ser. B. 3: 105. 1948. "n. nom."

"*Agropyron junceum* ssp. *boreoatlanticum* Simonet & Guinocet, Bull. Soc. Bot. France 82. 1935 ----
Agropyron junceiforme Löve et Löve, n. comb." cited.

[North Atlantic]

Elytrigia kanashiroi (Ohwi) Melderis in Norlindh., Fl.
Mongol. Steppe & Des. Areas, Rep. Sci. Exped.
North-western Prov. China, Dr. Sven Hedin, Publ.
31: 122. 1949 (Stockholm).

Presumably based on *Agropyron kanashiroi* Ohwi
China

Elytrigia Kryloviana (Schischk.) Nevski, Acta Inst.
Bot. Acad. Sci. U.R.S.S. I. 2: 84. 1936.

"*Agropyron Krylovianum* Schischk."

Type locality "Hab.: Prov. Altaj. In valle fl. Czuja inter ostium et steppa Kura, fl. 7/VII. M. Lisitzyn.--In rupestribus ad ripam Sinistram fl. Sorghol-dshjuk, confluvii laevi fl. Czuja. Fl. 22/VII-1927. B. Schischkin.--Prov. Semipalatinsk. In viciniis pag. katon-karagaj. Fl. 17/VII-1925. N. koschuvnikova."

Prov. Altai, Siberia

Elytrigia litoralis (Host) Hyl. Uppsala Univ. Arskr.
7: 36. 1945.

Based on *Agropyron litorale* Dum., this based on *Triticum litorale* Host.

Europe

Elytrigia X litorea (Schum.) Hylander, Nord. Käriväxfl.
1: 369. 1953; Hylander, Bot. Notiser (1953): 357. 1953.

"*Triticum littoreum*"

Elytrigia lolioides (Karel. & Kir.) Nevski, Act. Univ.
Asiae Med. VIII b. Bot. 17: 61. 1934.

Based on *Triticum lolioides* Karel. & Kir.

prope Semipalatinsk ad rivulum Suchaja-retschna

Russia, Asia

Elytrigia Maeotica (Prok.) Prokudin, Proc. Bot. Inst.
Kharkov 3: 183. pl. 5: II. 1938, in Russian.

Cites *Agropyron maeoticum* Prok. as if published in Fl. U.R.S.S. 2: 1937. Miss Atwood could not locate any such 1937 publ. We have it as published in 1940, which is later than above.

Ukraine. Russia. Europe

Elytrigia mediterranea (Simonet) Prokudin, Bot. Syst.
Herb. Inst. Bot. Acad. Sci. URSS, XVI. 61. 1954.

"*Agropyron junceum* ssp. *mediterraneum*."

Elytrigia mucronata (Opiz) Prokudin, Proc. Bot. Inst. Kharkov 3: 178. 1938.

Based on "*Agropyrum mucronatum* Opiz", nom. nud. Published as Opiz ex Bercht.

Bohemia, Czechoslovakia

"in authent. Herb. n. 164 den 15. Jan. 1825."

Elytrigia nodosa (Stev.) Nevski, Acta Inst. Bot. Acad. Sci. U.R.S.S. I. 2: 83. 1936.

Based on *Triticum nodosum* Stev. [this publ. as syn. of *T. junceum* L.] [Helvetia]

aff. *E. caespitosa* (C. Koch) Nevski

Elytrigia X obtusiuscula (Lange) Hylander, Nord.

Kärleväxtfl. 1: 369. 1953; Hylander, Bot. Notiser 1953: 357. 1953.

Based on "*Agropyron obtusiusculum*."

Elytrigia pertensis (C. A. Meyer) Nevski, Acta Inst.

Bot. Acad. Sci. U.R.S.S. I. 2: 80. 1936.

Based on "*Triticum intermedium* var. *pertensis* C.A.M. Enum. pl. p. 25(1831)"

= *Agropyron*

Elytrigia praetermissa Nevski, Acta Inst. Bot. Acad. Sci. U.R.S.S. I. 2: 84. 1936.

Nom. nov. *Agropyron pumilum* Nevski, [made earlier by Fedtsoh., 1915] ⁴⁴

Based on *Triticum pumilum* Steud. Not L.

"communioavit Turozaninow e Sibiria."

Siberia, Russia, Asia

Elytrigia propinqua (Nevski) Nevski, Act. Univ. Asiae

Med. VIIIb. Bot. 17: 61. 1934.

Based on *Agropyron propinquum* Nevski

"Habitat Sibiria altaica" 22.VII.1914. Sapozhnikov, Collector. [name in Russian]

Elytrigia pruinifera Nevski, Act. Univ. Asiae Med.

VIII b. Bot. 17: 61. 1934, in key; Acta Inst.

Bot. Acad. Sci. U.R.S.S. I. 2: 81. 1936, Latin descr.

"Montes Mugodsharienses, M. Koketschetau" "Typus: mons Turatka prope pagum Illjasovo, 16. VII. 1930, leg. N. Ivanova, A. Koroleva et A. Heinrichson, no. 71." Ural meridionalis, Ural Mts.

aff. *E. stipifolia* (Czern.) Nevski

Elytrigia pseudocaesia (Pacz.) Prokudin, Proc. Bot.

Inst. Kharkov 3: 186. f. 4. 1938.

Based on *Agropyron repens* var. *pseudocaesium* Paczoski, Khersonskaia Flora 1: 252. 1914, acc. to Prokudin.

Elytrigia pulcherrima (Grossh.) Nevski, Act. Univ.

Asiae Med. VIII b. Bot. 17: 61. 1934.

Based on *Agropyron pulcherrimum* Grossh.

"Habitat Armenia Rossica, pr. kars, distr. Ardahan prope Göljabert, ..25-VIII-14 ab A. Grossheim lecta."

Transcaucasia, Russia, Europe

Elytrigia pungens (Pers.) T. G. Tutin, Watsonia

2: 186. 1952.

Based on *Triticum pungens* Pers., Syn., 1, 109 = *Agropyron pungens* (Pers.) Roem. & Schult., Syst., 2: 753.

England

Elytrigia reflexiaristata (Nevski) Nevski, Acta Inst.

Bot. Acad. Sci. U.R.S.S. I. 2: 77. 1936.

Based on *Agropyrum reflexiaristatum* Nevski

"Habitat in montibus uralensibus." Cites many specimens in Russian "134 Kuznetsov."

[Asia]

Elytrigia repens Desv. ex Nevski, Act. Univ. Asiae

Med. VIIIb. Bot. 17: 61. 1934, in key.

Elytrigia repens Desv. ex Jacks. Ind. Kew 1: 836. 1893.

Based on *Triticum repens* L.; not published by Desv. misapplied

Europe

= *Agropyron repens* Desv. not in Man. U. S. (note added)

Elytrigia repens var. *aristata* (Doell) Prokudin, Proc.

Bot. Inst. Kharkov 3: 189. 1938.

Based on "*Triticum repens* var. *aristatum* Doell." Fl. Bad. 128. 1855.

Germany

Elytrigia repens var. *caesium* (Fresl) Prokudin, Proc.

Bot. Inst. Kharkov 3: 189. 1938.

Based on "*Agropyrum caesium* Fresl."

[Budweis, Bohemia, Czechoslovak,]

Europe

Elytrigia repens var. *dumetorum* (Rohb.) Prokudin,

Proc. Bot. Inst. Kharkov 3: 189. 1938.

Based on "*Agropyrum repens* [Beauv.] var. *dumetorum* Rohb." Ic. Fl. Germ. 1: pl. 20. f. 1386. 1834.

[Reichenb. does not cite Roem. & Schult.]

Europe

Elytrigia repens X Hordeum secalinum (X *Elytrordeum* Lange (Richt.) Hyland, Nord. Kärleväxt 1: 369. 1953.

"*Agropyron X Langei* Richt. 1890; *Tritordeum Langei* (Richt.) A. & G. 1902; A. pratensis x repens Lange 1886."

Europe

Elytrigia repens var. *leersianum* (Roem. & Schult.)

Prokudin, Proc. Bot. Inst. Kharkov 3: 189. 1938.

Based on *Agropyron repens* var. *leersianum* Reichenb. by Prokudin, but this was made earlier by Roem. & Schult., both citing "Leers, Fl. Herborn. t. 12. f. 4."

Herborn, Germany
Europe

Elytrigia repens var. *maritimum* (Koch) Prokudin,

Proc. Bot. Inst. Kharkov 3: 190. 1938.

Based on "*Triticum repens* var. *maritimum* Koch & Ziz, Cat. Fl. Palat. 5. 1814. [Citation is in Pritzsl. Not in Agr. Library. In Lloyd Library.]

[Palatinate, Germany]

Elytrigia repens var. *maritima* (Koch & Ziz) Hyland, Nord. Kärleväxt 1: 367. 1953. see 1938.

Based on *Triticum repens* b. *maritimum* Koch & Ziz 1814.

Elytrigia repens var. *pubescens* (Doell) Prokudin, Proc.

Bot. Inst. Kharkov 3: 190. 1938.

Cites as basis "*Triticum repens* var. *pubescens* Doell Fl. Bad. 128. 1857." [Presumably *T. repens* var. *aristatum* forma 4. *pubescens* Doell 129. 1855 is meant.]

Diese Form habe ich in Lang's Herbar als Trit. Leersianum vorgefunden; sie ist ohne Zweifel bei Müllheim gesammelt worden"

"Auch im Herbarium meines Freundes Buchinger habe ich eine solche Form entdeckt, welche von Sonder 'im Hamburger Stadtgraben' gesammelt und einfach als Trit. repens mitgeteilt worden ist."

Elytrigia repens var. *caespium* (Thuill) Prokudin, Proc.

Bot. Inst. Kharkov 3: 189. 1938.

Based on "*Triticum repens* var. *caespium* (Thuill.) Döll Fl. Bad. 128. 1857."

[Presumably *T. repens* var. *aristatum* 3. forma sepium Doell, Fl. Bad. 129. 1855 is meant. Based on *T. sepium* Thuill.]

Paris, France

Elytrigia repens var. *subulatum* (Reichenb.) Prokudin,

Proc. Bot. Inst. Kharkov 3: 189. 1938.

Based on "*Agropyrum repens* Beauv. var. *subulatum* Rohb." Fl. Germ. I. t. XX f. 1383. (1834)."

Elytrigia repens var. *vallantianum* (Reichenb.)

Prokudin, Proc. Bot. Inst. Kharkov. 3: 189. 1938.

Based on "*Agropyrum repens* var. *vallantianum* Rehb."

Elytrigia repens var. *vulgare* (Doell) Prokudin, Proc.

Bot. Inst. Kharkov 3: 189. 1938.

Based on "*Triticum repens* var. *vulgare* Doell."

[Baden, Germany]

Elytrigia ruthenica (Griseb.) Prokudin, Proc. Bot.

Inst. Kharkov 3: 163, 166. 1938.

"*Triticum rigidum* var. *ruthenicum* Griseb."

"Hab. in Rossia media [Volhynia (Besser)] et australi [Podolia! (Besser), Cherson pr. Spaski (Ledeb.)] inque provinciis caucasicis [Karabagh et Taidsoh! (C. A. Meyer, Hohenack.)]"

Russia

Elytrigia ruthenica var. *Czurjukense* Prokudin, Proc.

Bot. Inst. Kharkov. 3: 169. 1938, in Russian.

"Prokudin, Fl. U.R.S.S. II. (1937)" cited.

Acc. to our records not published under *Agropyron* until 1940.

Elytrigia ruthenica var. *littorale* (Lavrenko) Prokudin,

Proc. Bot. Inst. Kharkov 3: 169. 1938.

Based on "*Agropyrum elongatum* var. *littorale* Lavrenko" Bull. Jard. Bot. Kieff 12/13: 147. 1931 [Russia]

Elytrigia scythica Nevski, Acta Inst. Bot. Acad. Sci.

U.R.S.S. I. 2: 79. 1936.

"Typus: mons Czatyrdagh prope Alushta, 21 VII 1929, leg. H. Poplawska, No 150." [Tauria]

Russia, Europe

Elytrigia setulifera Nevski, Act. Univ. Asiae Med.

VIII b. Bot. 17: 61. 1934.

"Pamir-alai occidentalis."

"[Typus: M. Kuhitang prope pagum Chodshafil-ata, leg. S. Nevski, 18. VII. 1931, No. 871] Latter copied from Nevski, Acta Inst. Bot. Acad. Sci. U.R.S.S. I. 2: 82. 1936."

Asia media (Pamir-Alai occidentalis)

Elytrigia sinuata Nevski, Acta Inst. Bot. Acad. Sci.

U.R.S.S. I. 2: 80. 1936.

"Typus: prov. Artvin, distr. Ardauoz., inter Ardauoz-su et Aravat-su, leg. S. Turkevicioz, 30. V. 1914, no. 600"

Transcaucasia, Russia, Eur.

[Town Artvin and Ardauoz in Stieler's Atlas in Kutais Gov.]

aff. *E. angulari* Nevski

Elytrigia Smithii (Rydb.) Nevski, Acta Inst. Bot.

Acad. Sci. U.R.S.S. 1: 25. 1933, mentioned in

Russian descr. See Löve, Bot. Not. 1950: 31. 1950

Based on "*Agropyron smithii* Rydb."?

= *Agropyron* probably misapplied. Not in Man. U. S.

Elytrigia smithii (Rydb.) Löve, Bot. Not. 1950: 31. 1950.

Based on *Agropyrum smithii* Rydberg in Mem. N. York Bot. Garden I., 1900, p. 64.

= *A. smithii* Not in Man. U. S. Too late for ed. II.

Elytrigia Sosnovskii (Hack.) Nevski, Acta Inst. Bot. Acad. Sci. U.R.S.S. I. 2: 82. 1936.

Based on *Agropyrum Sosnovskyi* Hack.

Transcaucasus, Eur.

prope Olty (18.VI. 1911) leg. D. Sosnowsky) Typus in Herb. Hack.

Elytrigia stenophylla (Nevski) Nevski, Act. Univ. Asiae Med. VIII b. Bot. 17: 61. 1934.

Based on *Agropyrum stenophyllum* Nevski

Turkestan (prov. Semireozie 11. VII. 1908 Roshevitz)

Elytrigia stipaeifolia (Czern.) Nevski, Acta Univ. Asiae Med. VIII b. Bot. 17: 60. 1934.

[Spelled *stipifolia* (Czern.) Nevski, Acta Inst. Bot. Acad. Sci. U.R.S.S. I. 2: 79. 1936. Same basis]

Based on *Agropyron stipaeifolia* Czern.

Steppe rocky slopes Eur. part of the U.S.S.R.: Volga-Don. Endemic. Described from Sukhoi Yar near Kharkov. Type in Kharkov. [Trans. by Vera Turin]

Elytrigia strigosa (Bieb.) Nevski, Acta Univ. Asiae Med. VIII b. Bot. 17: 60. 1934.

Based on *Bromus strigosa* Bieb.

"in montibus Tauriae"

Russia, Europe

Elytrigia tesquicola Prokudin, Proc. Bot. Inst. Kharkov 3: f. 3, I. 181. 1938.

"*Agropyron tesquicola* Prokudin" cited. Publ. as syn in above work. Prokudin cites Fl. Ukr. 2: (1937).
Ukraine

Elytrigia trichophora (Link) Nevski, Act. Univ. Asiae Med. VIII b Bot. 17: 57. 1934.

Based on *Triticum trichophorum* Link

= *Agropyron trichophorum*
prope Tergestum Asia

Elytrigia trichophora var. *glabrifolia* Prokudin Proc. Bot. Inst. Kharkov 3: 180. 1938, in Russian.

Cites Prokudin Fl. U.R.S.S. II (1937) as if published there. Could not locate such a publication. Probably not published until 1940. See *Agropyron trichophorum* var. *glabrifolium* Prok.

= *Agropyron*

[Ukraine] Europe

Elytrophorus africanus Schweickhardt, Natal Mus. Ann. 10: 196. f. 2, 10. 1942.

"Tanganyika Territory: Dodoma distr.: Manyone, 7.vi.1928, growing along roadside, Phillips 2288 PRE sub 15759) typus."

PRE = National Herbarium, Pretoria
aff. *E. interruptus* Pilger

Elytrophorus articulatus Beauv. Ess. Agrost. 67. pl. 14. f. 2. 1812.

"Gramen alopecuroides Maderasastanum, etc., Fluck. Alm. tab. CXC, f. XVI. [error for 6.]"

India

= *E. spicatus* (Willd.) A. Camus in E. G. & A. Camus, Fl. Gen. Indo-Chine 7: 547. 1923.

Elytrophorus globularis Hackel ex Schinz. Bull. Herb. Boiss. II. 2: 935. 1902.

"Deutsch-Südwestafrika: Amboland, Olukonda, Rautanen."
Africa

Elytrophorus interruptus Pilger in Baum. Kunene-Sambesi Expedition 176. 1903.

"Linkes Kunene-Ufer, in der Nähe von Soba Gongo, 1115 m, auf feuchtem Sandboden in der Nähe eines Tümpels. (Nr. 112....1899)."

Zambesi, Africa

Elytrophorus spicatus (Willd.) A. Camus in E. G.

Camus & A. Camus, Fl. Gen. Indo-Chine 7: 547. 1923.

Based on *Dactylis spicata* Willd. Willd., Ges. Naturf. Freund. Berlin Neue Schrift 3: 416. 1801, cites "Fluk. phytog. t. 190, f. 6." This figure represents *Elytrophorus articulatus* Beauv. and antedates that.

India

X *Elytrodium langei* (Richt.) Hylander, Nord. Käriväx. 1: 369. 1953; Hylander, Bot. Notiser 357. 1953.

"*Rouxia Huetot*" cited as syn. of genus.

Elytrodium clavigerum McClure, Journ. Washington Acad. Sci. 32: 176. f. 5. 6. 1942.

"Type in U. S. Nat. Herb. (4 sheets) 1062456-1062459, H. M. Curran no. 123, collected April-May, 1916, growing wild in inaccessible mountain region, alt. 150-600 m, along the Norosi-Tiquisio trail, Lands of Loba, Dept. of Bolivar, Colombia. Cariso de Castilla. Introduced (?)."

Elytrodium typicum McClure, Journ. Washington Acad. Sci. 32: 174. f. 4. 1942.

"Type in Herbario Nacional de Venezuela, Ministerio de Agricultura y Cria, Pittier no. 9226, collected February 21, 1921, at alt. 600 m, in the edge of a monsoon forest near El Limon, Valle Puerto La Cruz, Federal District, Venezuela. Dupl. in U. S. National Herbarium, no. 1067333."

Endallex arundinacea Raf. ex Jacks. Ind. Kew 1: 839. 1893.

Genus described by Rafinesque but species not.
= *Phalaris* L.

Endodia lenticularis Raf. ex Jacks. Ind. Kew. 1: 840. 1893.

= *Leersia lenticularis* Michx.

Enneapogon abyssinicum (Hochst.) Rendle, Cat. Afr. Fl. Welw. 2: 229. 1899.

Based on "*Pappophorum abyssinicum* Hochst."

Abyssinia

Enneapogon arenicola (Domin) Burbridge, Proc. Linn. Soc. London 153 Sess. (1940-41): 77. 1941.

Based on *Pappophorum nigricans* var. *arenicolum* Domin, this based on a specimen collected by Tryon, Queensland. South Percy Island.

aff. *E. nigricans* (R. Br.) Beauv.

Enneapogon asperatus C. E. Hubb. in Hook. f. Icon. Fl. 34: pl. 3337. 1937.

"Queensland. Gregory North District: Duchess, 350 m., Feb. 1931, Hubbard 2348."
U.S.

Australia

aff. *E. nigricans* (R. Br.) Beauv.

Enneapogon avenaceus (Lindl.) C. E. Hubb. Kew Bull. Misc. Inf. 1934: 450. 1934.

Based on *Pappophorum avenaceum* Lindl.
Central Australia

Enneapogon benguelense Rendle, Cat. Afr. Fl. Welw. 2: 230. 1899.

"Mossamedes.--Sandy places on the river Bero near Mata dos Carpinteiros....No. 2303. Sandy places on the banks of the Bero and even in the river, near Quipola....no. 2304." [Welwitsch, Coll.]

Angola Africa

Enneapogon borealis (Griseb.) Honda, Rep. 1st Sci. Exped. Manchoukuo Seo. IV. Pt. 4. 101. 1936.

Based on *Pappophorum boreale* Griseb.

"Hab. in Sibiriae baikalensis rupibus ad Selengam! (Turcz.)"
Siberia

Enneapogon brachystachys (Jaub. & Spach) Stapf in Theselt.--Dyer, Fl. Cap. 7: 654. 1900.

Based on: "*Pappophorum brachystachyum* Jaub. & Spach"

"*Arabia felici* (circa urbem Taifa) legit oel. Botta anno 1838."

Enneapogon brachystachys var. *macranthera* Stapf in Theselt.--Dyer, Fl. Cap. 7: 655. 1900.

"Griqualand West; Dutoits Pan, Tuck!"

Cape Colony, Africa

Enneapogon caeruleus (Gaudich.) Burbridge, Proc. Linn. Soc. London 153 Sess. (1940-41): 87. 1941.

Based on *Pappophorum caeruleus* Gaudich.

Western Australia. Sharks Bay, Gaudichaud (type)

Enneapogon cenchroides (Licht.) C. E. Hubb. Kew Bull. Misc. Inf. 1934: 119. 1934.

Based on *Pappophorum cenchroides* Licht.

in terra Coronarum inter 'l Kaigariet et Leeuwenkuil.
Africa

Enneapogon Clelandii Burbridge, Proc. Linn. Soc. London 153 Sess. (1940-41): 80. 1941.

"Central Australia.--Mount Liebig, Cleland L 23, L 24 (type)."

Enneapogon cylindricus Burbridge, Proc. Linn. Soc. London 153 Sess. (1940-41): 89. f. 5. 1941.

"South Australia....Frome Downs, Wade 26(type)."
aff. *E. asperatus* Hubbard

Enneapogon desvauxii Beauv. Ess. Agrost. 82, 161. pl. 16. f. 11. 1812; ex Desv. Opusc. 98. 1831.

See Chase, Madroño 8: 187. 1946.

[See Desv. Opusc. 98. 1831 (Mem. Soc. Agr. Angers 1: 202. 1831) where Desv. describes this, since Beauvois had figured it only. In 1813 (Journ. de Bot. 1: 70. 1813) Desv. cites both *E. desvauxii* Beauv. and *Pappophorum gracile* R. Br. as syns. of *E. gracile* Desv.] [See Burbridge, Proc. Linn. Soc. London 1940-41: 57. 1941-- she found part of type sent to R. Br.]

"*Nanilia*" [error; doubtless from Mendoza, Argentine collected by Née. Parodi found specimen of *Née* in Madrid, which is same sp. as *P. wrightii* S. Wats. of U.S. and Mex.]
Pappophorum wrightii S. Wats. of America! = *E. desvauxii* Beauv.

Enneapogon dipsaceus Wall. ex Hook.f. Fl. Brit. Ind.
7: 301. 1896, as syn. of *Pappophorum elegans* Nees

India

Enneapogon elegans (Nees) Stapf, Kew Bull. Misc. Inf.
1907: 224. 1907.

Based on *Pappophorum elegans* Nees ex Steud.

"Ind. or."

Enneapogon filifolius (Pilger) Pilger, Willdenowia
1: 210. 1954.

Based on *Pappophorum filifolium* Pilger

So. Africa

Enneapogon flavescens (Lindl.) Burbridge, Proc. Linn.
Soc. London 153 Sess. (1940-41): 74. f. 3. 1941.

Based on *Pappophorum flavescens* Lindl.

[Now in Lindley collection at Cambridge]

Collected by Mitchell on the Bogan River, south of
Nyngan, New South Wales, 13 Jan. 1846.

Australia

Enneapogon glaber Burbridge, Proc. Linn. Soc. London
153 Sess. (1940-41): 72. 1941.

"Western Australia, Victoria River, Elsey; East
Kimberley, Connor 12 (type)."

aff. *E. purpurascens* (R. Br.) Beauv.

Enneapogon glumosus (Hochst.) Maire & Weiller, Fl.
Afr. Nord. 2: 193. 1953.

Based on *Pappophorum glumosum* Hochst.

"(Hb. abyss. Buch. nr. 1297)"

[Schimper coll. in 1853]

Abyssinia

Enneapogon gracilis (R. Br.) Beauv. Ess. Agrost.
82, 161, 171. 1812.

Based on *Pappophorum gracile* R. Br.

Australia

Enneapogon intermedius Burbridge, Proc. Linn. Soc.
London 153 Sess. (1940-41): 67. 1941.

"*Pappophorum nigricans* var. *glabrescens* Domin in
Bibl. Bot. xx, p. 381 (1915) pro parte"

"Queensland. Alpha, Hubbard 7881 (type)."

aff. *E. gracilis* (R. Br.) Beauv.

Australia

Enneapogon Lindleyanus (Domin) C. E. Hubb. Kew Bull.
Misc. Inf. 1934: 450. 1934.

Based on *Pappophorum lindleyanum* Domin

["*P. flavescens* Lindl."]

Australia

Enneapogon lophotrichum Chiov., Webbia 8: 119. 1951.

Pappophorum brachystachyum Chiov., Ann. Ist. Bot.
Roma, 8, 61 1902, non Jaub. et Spach. cited as syn.

Fortino di Dande, 1 Ag. (n. 860, 898) - Eolo, 6 Ag.
(n. 173). Southern Abyssinia

Enneapogon mollis Lehm. Nov. Stirp. Pugill. 3: 40.
[1831, acc. to Fritzel] [Must be 1830 -- trans-
ferred by Kunth in 1830]

"Habitat in Promontorio Bonae Spei, in terrae
tractu, qui vocatur Beaufort. (v. s.)."

Cape Good Hope, Afr.

See Stapf, Bull. Misc. Inf. Kew. 1917: 217. 1917.

Enneapogon nigricans (R. Br.) Beauv. Ess. Agrost.
82, 161, 171. 1812.

Based on *Pappophorum nigricans* R. Br.

Australia

Enneapogon oblongus Burbridge, Proc. Linn. Soc. London
153 Sess. (1940-41): 85. 1941.

"Queensland. Mount Sturgeon Station, north of
Hughenden, Hubbard and Widders 7745 (type)."

Australia

aff. *E. lindleyanus* (Domin) C. E. Hubb. and *E.*
caerulescens (Gaudich.) Burbridge.

Enneapogon pallidus (R. Br.) Beauv. Ess. Agrost.
82, 162, 171. 1812.

Based on *Pappophorum pallidum* R. Br.

Australia

Enneapogon pallidus var. *brevisetia* Burbridge, Proc.
Linn. Soc. London 153 Sess. (1940-41): 80. 1941.

"Queensland. Callide, Biloela, Cowdray 23 (type)."

Australia

aff. *E. Lindleyanus* (Domin) C. E. Hubb.

Enneapogon persicus Boiss. Diagn. Pl. Orient. Nov.
1: Faso, 5: 71. 1844.

"Hab. in Persia australi, Aucher No. 5430."

Enneapogon phleioides Roem. & Schult. Syst. Veg.
2: 616. 1817.

"...(fide Herb. Zeae)...Habitat? in Amer. meridion.?"

South Amer.?

= *Enneapogon desvauxii* ex descr.

Enneapogon planifolius Burbridge, Proc. Linn. Soc.
London 153 Sess. (1940-41): 73. 1941.

"Distribution.--Western Australia. Noonkanbah Sta-
tion, West Kimberley, Station Manager (type)."

aff. *E. glabra* Burbridge

Australia

Enneapogon polyphyllus (Domin) Burbridge, Proc. Linn.
Soc. London 153 Sess. (1940-41): 69. f. 2. 1941.

Based on *Pappophorum nigricans* var. *polyphyllus*
Domin

"The type was collected on the Victoria River,
Northern Territory, during December 1855, by
Mueller on Gregory's North Australian Expedition."

Australia

Enneapogon pretoriensis Stent, Bothalia 1: 174.
pl. 3. 1922.

"Pretoria, Wonderboom, Burt-Davy 8905; northern
slopes of Magaliesberg, Fouché 1."

South Africa

Enneapogon pubescens (Domin) Burbridge, Proc. Linn.
Soc. London 153 Sess. (1940-41): 83. f. 4. 1941.

Based on *Pappophorum Lindleyanum* var. *pubescens*
Domin.

"Queensland. ...Chillagoe, Domin [type] (Herb.
Domin)."

Australia

Enneapogon purpurascens (R. Br.) Beauv. Ess. Agrost.
82, 162, 171. 1812.

Based on *Pappophorum purpurascens* R. Br.

Australia

Enneapogon pusillum Rendle, Cat. Afr. Fl. Welw. 2: 229.
1899.

"Mossamedes....Dry sand hills by the Atlantic near
Giradil; ...Nos. 2281, 2283." [Welw.]

Angola Africa

Enneapogon robustissimus (Domin) Burbridge, Proc. Linn.
Soc. London 153 Sess. (1940-41): 78. 1941.

Based on *Pappophorum nigricans* var. *robustissimum*
Domin, the type one of his own specimens collected
on the Flinders River at Hughenden, Queensland,
(Domin II 1910)

Australia

Enneapogon scaber Lehm. Nov. Stirp. Pugill. 3: 41.
1828.

"Habitat in Promontorio Bonae Spei, in terrae
tractu, qui vocatur Beaufort. (v. s.)."

Cape Good Hope, Africa

Enneapogon scaber f. *nigrescens* Maire & Weiller, Fl.
Afr. Nord. 2: 196. 1953.

Enneapogon scaber f. *pallascens* Maire & Weiller, Fl.
Afr. Nord. 2: 196. 1953.

Enneapogon scoparius Stapf in Thiseit.-Dyer, Fl.
Cap. 7: 656. 1900.

"Central Region: Graaff Reinet Div.; stony hills
near Graaff Reinet, ...Bolus 691! Colesberg Div.;
Colesberg, Shaw! Phillipstown Div.; by the Orange
River near Vissers Drift, Burchell 2674! Albert
Div. Cooper 651!
Kalahari Region: Orange Free State, Buchanan 248;
271! Transvaal; Bosch Veld Klippan, Rehmann, 5361!"

Central Africa & Transvaal

Enneapogon spathaceus Goossens, Kew Bull. Misc. Inf.
1934: 200. 1934.

"Transvaal: Zoutpansberg District; Messina, in
Botanical Reserve, Pole Evans in Nat. Herb.
Pretoria 110083, 110084.

Africa

aff. *E. mollis* Lehm.

Enneapogon Wrightii (S. Wats.) C. E. Hubb. in Hook.f.
Icon. Pl.--(pl. 3337). 2. 1937.

Based on *Pappophorum Wrightii* S. Wats. Man. U.S. I
1935.

= *Enneapogon desvauxii* Beauv. Man. U.S. II. 1951.

Enodium atrovirens Dumort. Obs. Gram. Belg. 108. pl. 4.
f. 15. 1823.

"Io. Scheuchz. Agrost. t. 4. f. 11." cited.

= *Molinia coerulea*

Europe

Enodium coeruleum Gaudin, Agrost. Helv. 1: 145. 1811.

as
Based on "*Aira coerulea* L."

= *Molinia caerulea* L.

Europe

Enodium coeruleum var. *altissimum* Link ex Lange,
Haandb. 4 Udg. 69. 1886.

"hist og her paa skyggefulde Steder."

[Denmark]

= *Molinia*

Enodium coerulea var. *capillare* Rostr. in Lange,
Haandb. 4 Udg: 69. 1886.

"Fyen. Kirkeby Hede (19)."

[Denmark]

= *Molinia*

Enodium coeruleum var. *divaricatum* Lange, Haandb.
4 Udg: 69. 1886.

"Sjaelland. Teglsttrup Hegn. (Mortensen,
Seminarislaerer)

[Denmark]

= *Molinia*

Enodium coeruleum var. *major* Anderss. Fl. Scand.
Gram. 60. 1852.

Scandinavia

= *Molinia*

Enodium coeruleum var. *pallidum* Lange, Haandb. 4 Udg:
69. 1886.

Cited as *pallidum* nom. nud. in Bot. Tidskr.
[10]: 186. 1877-79.

"J. = Jylland. Rold Skov (Den bot. Forening 1 Kbh.)

[Denmark]

= *Molinia*

Enodium coeruleum var. *viviparum* Lange, Haandb.
4 Udg: 69. 1886.

"Lolland. ved Maribo S. (Docent Rostrup)

[Denmark]

= *Molinia*

Enodium litorale Reichenb. ex Kunth, Enum. Fl. 1: 380.
1833, as syn. *Molinia caerulea* Moench.

= *Molinia caerulea* (L.) Moench

Europe

Enodium sylvaticum Link, Enum. Hort. Berol.
1: 80. 1821.

[Willd.]

[Roem. & Schult.]

"*E. coeruleum* W. Sp. 1. 303. R. S. 2. 531." cited

= *Molinia caerulea*

Enteropogon badamicum Bhide, Journ. & Proc. Asiatic
Soc. Bengal n. ser. 7: 514. pl. 7. 1912.

"In Provincia Bombay supra antra viculi Badami, ad
castrum, collegit mense Septembris, A.D. 1909,
R. K. Bhide."

India

Enteropogon barbatus C. E. Hubb. Kew Bull. Misc. Inf.
1941: 196. 1941.

"Somaliland: Boundary Pillar 93, 45° 9' E., 8° 37'
N., 900 m., 6-10-1932, Gillett 4196 (type in Kew
Herb.)."

Africa

aff. *E. Ruspoliano* Chiov.

Enteropogon dolicoctachyus (Lag.) Keng, Claves gram.
prim. Sinicarum 197. 1957.

Based on *Chloris dolicoctachya* Lag.

Philippines

Enteropogon gracillior Rendle, Journ. Linn. Soc. Bot.
36: 403. 1904.

"Formosa: Takow (A. Henry 1119!), Apes' Hill
(A. Henry, 1940!). Mus. Brit.; Herb. Kew"

Enteropogon leptophylla Benth. Journ. Linn. Soc.
19: 101. 1881.

"Mayotte in Madagascar, Boivin n. 3019."

[us]

Enteropogon macrostachya (Hochst.) Munro ex Benth.
Journ. Linn. Soc. 19: 101. 1881.

Based on "*Chloris macrostachya* Hochst."

Abyssinia

Enteropogon macrostachyus K. Schum. ex Engl. Abh.

Preuss. Akad. Wiss. 31. 1894. name only:

E. macrostachyum Munro?

cf *E. macrostachyus* Munro 1881.

Trop. Africa

Enteropogon melicoides (König) Nees in Lindl. Introd.
Nat. Syst. II. 449. 1836.

Based on "*Ischaemum melicoides* König."

India

Enteropogon monostachyus (Vahl) Schum. in Engl.
Pflanzenw. Ost. Afr. C. 110. 1895.

"(Vahl, Symb. II, 20 sub Cynosuro)"

India

Enteropogon muticus Hack. Bull. Herb. Boiss.
7: 25. 1899.

"Pondoland, Bachmann 187."

Africa

Enteropogon rupestris (J. A. Schmidt) A. Cheval.
Rev. Bot. Appl. 15: 1048. 1935.

Based on *Ctenium rupestre* J. A. Schmidt

Cape Verde Islands

Enteropogon Ruspolianum Chiov. Ann. R. Ist. Bot.
Rom. 7: 72. pl. 3. f. 3. 1897.

"D. Riva, n. 303 (150)."

"Deserto Ogaden" Somali

Africa

Enteropogon seychellarum (Baker) Benth. Journ. Linn.
Soc. 19: 101. 1881.

Based on *Ctenium seychellarum* Baker [misspelled
sechellense "Benth." Dur. & Schinz. Consp. Fl.
Afr. 5: 859. 1894.

Seychell Isls. Indian Ocean east of Africa

Enteropogon simplex (Schum. & Thonn.) Chevalier, Rev.
Bot. Appl. 14: 125. 1934.

Based on *Chloris simplex* Schum. & Thonn

Africa

Enteropogon somalense Chiov. Ann. Ist. Bot. Roma
6: 170. pl. 16. 1896.

"Habitat.--Habr-Aval. VII, VIII, 1891."

[Somali. raccolte dall' Ing. L. Robecchi-Bricchetti]

Africa

Entolasia imbricata Stapf, Fl. Trop. Afr. 9: 739.
1920.

"Mozambique Distr. German East Africa: Unyamwezi
.....Speke & Grant!"

Africa

Entolasia marginata (E. Br.) Hughes, Kew Bull. Misc.
Inf. 331. 1923.

Based on *Panicum marginatum* E. Br.

Australia

Entolasia olivacea Stapf, Fl. Trop. Afr. 9: 740. 1920.

"North Central Eastern Shari:....Chevalier, 6492
bis!"

Lower Guinea. French Congo:...Chevalier
4034!"

Africa

Entolasia stricta (E. Br.) Hughes, Kew Bull. Misc.
Inf. 331. 1923.

Based on *Panicum strictum* E. Br.

Australia

Entolasia subjuncea C. E. Hubb. Journ. Ecol. 21: 223.
1933, nom. nud.; Hook. Icon. Fl. 33(3209): 2. 1933,
as syn. of *Cleistochloa subjuncea* C. E. Hubb.

= *Cleistochloa subjuncea* C. E. Hubb.

[same species as *Panicum subjunceum* Domin, and
Domin's name cited by Hubb. in *Entolasia subjuncea*
Hubbard.]

Australia

Entolasia whiteana C. E. Hubb. in Hook. f. Icon. Fl.
1937: pl. t. 3338. 1937.

"Queensland....Bulimba, Brisbane, abundant on dry
barren rocky slopes, cleared Eucalyptus forest
Country, Sept. 1930, Hubbard 4079 (type)."

Australia

Entoplocamia aristulata (Hack. & Rendle) Stapf, in
Thiselt.-Dyer, Fl. Cap. 7: 711. 1900.

Based on "*Tetrachne aristulata* Hack. & Rendle."

Namaqualand, Scully.

Africa

Entoplocamia benguelensis Rendle, Cat. Afr. Fl.
Welwitsch 24: 228. 1899.

"Mossamedes.-On sandy rocky hills near Quipola in
the Mossamedes district....No. 2306." Welwitsch

Angola Africa

Entoplocamia procera Chiov. Bull. Soc. Bot. Ital.
45. 1924.

"Mossamedes: Lobito."

[Angola. Africa]

Epheopogon gratus Nees & Meyen ex Steud. Nom. Bot.
ed. 2. 1: 556. 1840, nom. nud.

"Meyen, China"

Hackel (Monogr. Phan. p. 175) cites this as a name
in herb. Berol. as syn. of *Pollinia grata*.

(= *Microstegium gratum* (Hack.) Camus 1921.)

= *Microspegium vagans* (Nees) Camus 1921.

Epicampes anomala Scribn. Reel, Grasses N. Amer.
2: 311. 1896.

"Mexico (Chihuahua), Fringle 1423."

= *Muhlenbergia longiligula* Man. U. S.

Epicampes argentea (Vasey) Jones, Contr. West. Bot.
14: 7. 1912.

Based on
"*Muhlenbergia argentea* Vasey."

Southwestern Chihuahua, Mexico.

Palmer 160 in 1885.

Epicampes arundinacea ("Trin.") Hack. Stuck. in Anal.
Mus. Nac. Buen. Aires 11: 107. 1904.

"Trin." error for Grisebach. (Trinius' name is Vilfa rigens)

Based on "*Dischyrium arundinaceum* Griseb."

Lorentz 44 T

= *Sporobolus rigens* (Trin.) Desv.

Argentina

Epicampes berlandieri Fourn. ex Hemsl. Biol. Centr.

Am. Bot. 3: 548. 1885, nom. nud., Fourn. Mex. Fl. 2: 89. 1886.

"Mejico (Berl. n. 670)."

= *Muhlenbergia robusta* Hitchc.

Epicampes bourgaei Fourn. ex Hemsl. Biol. Centr. Am. Bot. 3: 548. 1885, nom. nud., Fourn. Mex. Fl. 2: 88. 1886.

"Escamela pr. Orizaba.... (Bourg. n. 2973)."

= *Muhlenbergia gigantea* (Fourn.) Hitchc.

Mexico

Epicampes Bourgaei var. *grandis* (Vasey) Jones, Contr.

West. Bot. 14: 7. 1912.

Based on

"*Muhlenbergia grandis* Vasey Cont. Nat. Herb. 1: 283."

= *Muhlenbergia grandis* Mex. Grasses

Epicampes bourgaei var. *mutica* Fourn. Mex. Fl. 2: 88. 1886.

"Mirador.... (Liebm. n. 676, 678); Tlaltengo.... (Liebm. n. 677)."

= *Muhlenbergia magna* Hitchc.

Mexico

Epicampes buehingeri Fourn. ex Hemsl. Biol. Centr.

Am. Bot. 3: 548. 1885, nom. nud., Fourn. Mex. Fl. 2: 88. 1886.

"Orizaba (Thomas in herb. Buehinger)."

[Type not found]

Epicampes Clomena (Trin. [error for Kunth]) Jones, Contr. West. Bot. 14: 7. 1912.

"*Muhlenbergia Clomena* Trin." [error for Kunth]

Based on *Clomena peruviana* Beauv.

= *Muhlenbergia peruviana* Andes Grasses

Peru

Epicampes coerulea Griseb. in Goett. Abh. 19: 256. 1874.

"Tucuman, ad vias pr. Anfama, S. de Aconquija in M. Cuesta de Juntas."

[Lorentz] Lorentz 85, 86 in T.

= *Muhlenbergia angustata* (Presl) Kunth ?

Argentina

Epicampes coerulea var. *submutica* Hack. ex Stuck. Ann. Mus. Nac. Buenos Aires. 13: 471. 1906.

Stuckert herb. Arg. 14900 ex Lillo 3402.

Cuesta de Malamala, Dep. Tafí, Prov. Tucuman, Argentine.

= *Muhlenbergia angustata* ?

Epicampes crassiculmis Piper, Proc. Biol. Soc. Wash. 18: 144. 1905.

414 Dr. E. Palmer, April 1890. Mouth of Yaqui River Alamos, Sonora, Mex.

= *Sporobolus wrightii* ?

Epicampes distichophylla Vasey, Cat. Gram. U. S.

45. 1885.

Based on "*Muhlenbergia Munro*" that goes back to *Fedosaemum distichophyllum* Presl.

Mexico, Haenke

= *Muhlenbergia distichophylla* (Presl) Kunth

Epicampes distichophylla var. *mutica* Scribn. in Beal, Grasses N. Amer. 2: 308. 1896.

Arizona, Toumey 740 [type]; [Mexican specimens cited do not agree with the type A.S.H.]

= *Muhlenbergia longiligula* Hitchc. Man. U. S.

Epicampes Ehrenbergii Mez, Repert. Sp. Nov. Fedde 17: 212. 1921.

"Mexico, Cuesta de Pinolco (Ehrenberg)." [1156]

= *Muhlenbergia gigantea*

Epicampes emersleyi (Vasey) Hitchc. U. S. Dept. Agr. Bull. No. 772: 144. 1920.

Based on *Muhlenbergia emersleyi* Vasey

= " " " " " Man. U. S.

Epicampes expansa Fourn. ex Hemsl. Biol. Centr. Amer.

Bot. 3: 548. 1885, nom. nud., Fourn. Mex. Fl. 2: 88. 1886.

"Orizaba (Bott. n. 104 part. in herb. Franq.)" Botteri & Sumachrast 104.

= *Muhlenbergia alta* Hitchc. Not *Muhlenbergia expansa* (DC.) Trin.

Mexico

Epicampes gigantea Fourn. ex Hemsl. Biol. Centr. Am.

Bot. 3: 548. 1885, nom. nud.; Fourn. Mex. Fl. 2: 88. 1886.

"Rio Blanco pr. Orizaba.... (Bourg. n. 3137)."

= *Muhlenbergia gigantea* (Fourn.) Hitchc.

Mexico

Epicampes gracilis Trin. Mem. Acad. St. Pétersb. VI. Sol. Nat. 4: 271. 1841.

[Texas]

"Mexico" in 1841.

= *Muhlenbergia lindheimeri* Hitchc. Man. U. S.

Epicampes grandis Beal, Grasses N. Amer. 2: 309. 1896.

Based on "*Muhlenbergia grandis* Vasey"

= " " " " "

Mexico

Epicampes Kunthiana Griseb. Abh. Ges. Wiss.

Göttingen 19: 256. 1874.

Based on *Cinna stricta* Kunth, this based on "*Crypsis stricta* Humb. & Kunth"

= *Muhlenbergia angustata* (Presl) Kunth in Grass. Ecuador, Peru, and Bolivia.

Epicampes lanata (H.B.K.) Presl ex Kunth, Enum. Fl.

1: 209. 1833.

Based on "*Agrostis lanata* Humb. et Kunth [H.B.K.] Nov. Gen. 1: 136. --Mexico."

["Presl, Bel. Haenk. 1: 235" 1830 erroneously cited by Kunth as place of publication]

= *Muhlenbergia lanata* (H.B.K.) Hitchc. based on *Agrostis lanata* H.B.K.

Epicampes laxiuscula Fourn. ex Hemsl. Biol. Centr.

Amer. Bot. 3: 549. 1885, nom. nud., Fourn. Mex. Fl. 2: 88. 1886.

"Orizaba.... (Bott. n. 155 in herb. Mus. Par. Weber in herb. Buehinger)."

= *Muhlenbergia gigantea* T

Epicampes leptoura Piper, Proc. Biol. Soc. Wash. 18: 143. 1905.

341 Townsend and Barber, Sept. 21, 1899. Sierra Madre Mts., near Colonia Garcia, Mexico.

= *Muhlenbergia leptoura* (Piper) Hitchc.

Epicampes ligulata Scribn. in Vasey, Contr. U. S. Nat. Herb. 3: 58. 1892.

"Texas to Arizona and Mexico."

= *Muhlenbergia ligulata* (Scribn.) Hitchc. Man. U.S.

Epicampes macrotis Piper, Proc. Biol. Soc. Wash. 18: 144. 1905.

3528 J. N. Rose, Aug. 7, 1897. Sierra Madre Mts., Zacatecas, Mex.

= *Muhlenbergia macrotis* (Piper) Hitchc.

Epicampes macroura (H.B.K.) Benth. Journ. Linn. Soc. Bot. 19: 87. 1881.

Based on "*Cinna macroura* Kunth", this based on [*Crypsis macroura* H.B.K.]

= *Muhlenbergia macroura* (H.B.K.) Hitchc.

Mexico

Epicampes Mexicana (Scribn.) Jones, Contr. West. Bot. 14: 7. 1912.

Based on "*Bealia Mexicana* Scribner"

= *Muhlenbergia biloba* Hitchc.

Mexico

Epicampes minutiflora Mez, Repert. Sp. Nov. Fedde 17: 212. 1921. Not *Muhlenbergia minutiflora* Hitchc.

"Mexico, Michoacan bei El Canizal (Langlasse)."

Basis of *Muhlenbergia Meziana* Hitchc.

Epicampes mutica Rupr. Bull. Acad. Brux 9: 230. 1842, nom. nud.; Rupr. ex Fourn. Mex. Fl. 2: 87. 1886.

"secus sylvas in pratis calidis Mirador, Zaouapan, Cantaranas.... (Gal. n. 5797)."

Mexico

= *Muhlenbergia mutica* (Rupr.) Hitchc.

Epicampes phleoides (H.B.K.) Griseb. Abh. Ges. Wiss. Göttingen 19: 256. 1874.

Based on *Crypsis phleoides* H.B.K.

1829 1815

"(Cinnae Kth.)" [*Crypsis phleoides* H.B.K.]

Argentina

Epicampes pubescens (H.B.K.) Presl ex Kunth, Enum. Fl. 1: 209. 1833.

Based on *Agrostis pubescens* H.B.K. Same comb. Jones, Contrib. West. Bot. 14: 7. 1912. [Presl, Bel Haenk. 1: 235. 1830 does not make the combination]

Mexico

= *Muhlenbergia pubescens* (H.B.K.) Hitchc.

Epicampes rigens Benth, Journ. Linn. Soc. 19: 88. 1881.

Based on *Cinna macroura* Thurb.; this is misapplication of *C. macroura* (H.B.K.) Kunth, not Kunth's species.

= *Muhlenbergia rigens* (Benth.) Hitchc. Man. U. S. California

Epicampes rigens (Trin.) Phil. Anal. Mus. Nao. Chile 2nd Sect. 8: 82. 1891. Not Benth. 1881.

Based on *Vilfa rigens* Trin.

Basis of *Sporobolus rigens* (Trin.) E. Desv. Chile

Epicampes robusta Fourn. ex Hemsl. Biol. Centr. Amer. Bot. 3: 550. 1885, nom. nud.; Mex. Fl. 2: 89. 1886.

"Supra Tacubaya (Bourg. n. 683); Santa Fe. . . (Bourg. n. 1153); Cuernavaca (Hahn. n. 420)."

Mexico

= *Muhlenbergia robusta* (Fourn.) Hitchc.

Epicampes speciosa (Vasey) Jones, Contr. West. Bot. 14: 7. 1912.

Based on "*Muhlenbergia speciosa* Vasey"

=

Mexico

Epicampes stricta Presl, Rel. Haenk. 1: 235. t. 39. 1830.

"Hab. in Mexico." Haenke

= *Muhlenbergia Presliana* Hitchc.

Mexico

Epicampes stricta var. *distichophylla* (Presl) Jones, Contr. West. Bot. 14: 6. 1912.

"*Muhlenbergia vaseyana*"

"*Podocnemum distichophyllum* Presl."

= *Muhlenbergia distichophylla* (Presl) Kunth

Mexico

Epicampes stricta var. *mutica* (Scribn.) Jones, Contr. West. Bot. 14: 6. 1912.

Based on *E. distichophylla* var. *mutica* Scribn.

= *Muhlenbergia longiligula* Hitchc. Man. U. S.

Epicampes subpatens Hitchc. U. S. Dept. Agr. Bull. No. 772: 144. 1920.

"Type U. S. National Herbarium no. 905799, collected in a rocky ravine, Guadalupe Mountains, near Queen, N. Mex., Sept. 5, 1915, by A. S. Hitchcock no. 13541."

= *Muhlenbergia emersleyi* Vasey Man. U. S.

Epicampes virletii Fourn. Mex. Fl. 2: 88. 1886.

"San Luis de Potosi (Virlet. n. 1415)."

= *Muhlenbergia robusta* (Fourn.) Hitchc.

Mexico

Eragrostiella bifaria (Vahl) Bor, Indian Forester 66: 270. 1940; same Bor, Fl. Assam 5: 107. July 20, 1940

Based on "*Eragrostis bifaria* Wight ex Steud. Nom. Bot. ed. 2. 1: 562. 1840, this based on *Poa bifaria* Vahl.

Eragrostiella brachyphylla (Stapf) Bor, Indian For. 66: 270. 1940; Bor, Fl. Assam 5: 107. July 20, 1940; later; See footnote p. 316.

Based on *Eragrostis brachyphylla* Stapf

Eragrostiella collettii (Stapf) Bor, Indian For. 66: 270. 1940; Fl. Assam 5: 107. July 20. 1940. (later-ftnote p. 316.)

Based on *Eragrostis collettii* Stapf

Burma

Eragrostiella leioptera (Stapf) Bor, Indian For. 66: 270. 1940. Fl. Assam 5: 107. July 20. 1940. See ftnote p. 316.

Based on *Eragrostis leioptera* Stapf

India

Eragrostiella nardoides (Trin.) Bor, Indian For. 66: 270. 1940; Fl. Assam 5: 107. July 20, 1940.

Based on *Eragrostis nardoides* Trin.

Nepal

Eragrostiella secunda (Nees) Bor, Indian For. 66: 270. 1940; Fl. Assam 5: 107. July 20, 1940.

Based on *Eragrostis secunda* Nees

Ceylon

Eragrostiella walkeri (Stapf) Bor, Indian For. 66: 270. 1940; Fl. Assam 5: 107. July 20, 1940.

Based on *Eragrostis walkeri* Stapf

Ceylon

Eragrostis abessinica (Jacq.) Link, Hort. Berol.

1: 192. 1827. [abyssinica misspelled]

Based on *Poa abessinica* Jacq."

[Abyssinia]

Eragrostis abortiva (R. Br.) Steud. Syn. Fl. Glum. 1: 279. 1854.

Based on "*Poa abortiva* R. Br."

= *Heterachne abortiva* (R. Br.) Druce

Australia

Eragrostis abyssinica (Jacq.) Link, Hort. Berol. 1: 192. 1827.

Based on *Poa abyssinica* Jacq.

Abyssinia

= *E. tef*

Eragrostis abyssinica var. *alba* Hochst. ex Chiov. Ann. Ist. Bot. Roma 8: 64. 1903.

"Schimper Fl. Abyss. ed. II. (1842) n. 962 et ed. I. Hohen. (1852) n. 2016," cited.

Abyssinia

Eragrostis abyssinica var. *viridis* Hochst. ex Chiov. Ann. Ist. Bot. Roma 8: 64. 1903.

"Schimper pl. Abyss. 1852 n. 1927, 1971 et 2014," cited

Eragrostis acicularis Trin. Mém. Acad. St. Petersb. VI. Math. Phys. Nat. 1: 406. 1830.

"V. spp. Bras. (in arenosis ad ripas fluv. Jacaré pr. Parana)"

Brazil

= *E. rufescens*

Eragrostis acuminata Doell, in Mart. Fl. Bras. 20: 153. 1878.

"in prov. Piahy (Gardner n. 2338)"

Brazil

Eragrostis acuta Hitchc. Froe. Biol. Soc. Washington 41: 159. 1928.

"Type in U. S. National Herbarium no. 7,311,236 [error for 731,236] collected at Punta Rasa, Florida, July, 1900, by A. S. Hitchcock (no. 263)."

Man. U. S.

Eragrostis acutiflora (H.B.K.) Nees, Agrost. Bras. 501. 1829.

Based on "*Poa acutiflora* H. & A." [1815]

Colombia, Humboldt & Bonpland

Magdalenae juxta Nompox et Isla de las Bruxas Colombia

Eragrostis acutiflora var. *humilior* Presl, Rel. Haenk. 1: 277. 1830.

"Hab. in Panama."

Eragrostis acutiglumis Parodi, Not. Mus. La Plata 2: 7. f. 3. 1937.

"Argentina: Corrientes, Mercedes, leg. L. R. Parodi, no. 6168."

Eragrostis acutissima Jedw. Bot. Archiv. Mez 5: 186. 1924.

"Africa orient. trop. loco non indicato (Amani 1st herb. nr. 2309, Typus); Territ. Nyassa, loco non indicato (Buchanan nr. 421)."

h. U.S.

Eragrostis adenocoleos Pilger, Notizbl. Bot. Gart. Berlin 15: 705. 1942.

"Deutsch-Ostafrika: Bezirk Lindi, Massassi-Berge, 500 m ü. N.; gruppenweise an sonnigen Stellen (H. J. Schlieben n. 6381--April 1935).

Aff. *E. cylindriflora* Hochst.

Eragrostis aegyptiaca Delile, Fl. Egypt. 157. pl. 4. f. 2. 1813.

Eragrostis Aegyptiaca Willd. in A. Braun, Ind. Sem. Hort. Berol. 3. 1857. nom. nud.

Eragrostis aethiopica Chiovenda in Robecchi, Brloch. Somalia 726. 1900; Ann. Ist. Bot. Roma 8: 373. 1908. in key.

Africa

Eragrostis affinis (Salzm.) Steud. Nom. Bot. ed. 2. 1: 562. 1840, nom. nud.; Steud. Syn. Fl. Glum. 277. 1854.

"(Hrb. Bahia sub.: *Poa*.)" "Bahia" based on "*Poa affinis* Salzm. hrb." name only

Type = *E. rufescens*

Brazil

Eragrostis affinis Nees & Meyen, ex Steud. Syn. Fl. Glum. 1: 265. 1854, as syn. *E. geniculata* Nees & Meyen.

China

= *geniculata*

Eragrostis afghanica Gandog. Bull. Soc. Bot. France 66: 299. 1920.

"Hab.: Afghanistan (Griffith!)."

Asia

Eragrostis agrostioides Rendle, Cat. Afr. Fl. Welw.
2: 240. 1899.

"Ambaca.--No. 2746...7319
Loanda...No. 7295...7295 b
Fungo Andongo...No. 2737...2771.
Mossamedes...No. 2301 (in part)."

[Welwitsch--Coll.]

Angola, Africa

Eragrostis agrostioides var. *speciosa* Rendle, Cat.
Afr. Fl. Welw. 2: 241. 1899.

"Fungo Andongo...No. 2772. No. 2969 (no notes).
Huilla.--Heights of Nene...alsoround Lopollo
....no. 7486." [Welwitsch]

Angola Africa

Eragrostis agrostioides var. *viscosa* Rendle, Cat. Afr.
Fl. Welw. 2: 241. 1899.

"Mossamedes.--In sandy soil in the bed of the
river Bero...No. 2301 (in part)."

Angola, Africa

Eragrostis airaeformis Rendle, Cat. Afr. Fl. Welw.
2: 243. 1899.

"Fungo Andongo.--Pedras de Guingano. 2749."
Welwitsch, Coll.

Angola Africa

Eragrostis airoides Nees, Agrost. Bras. 509. 1829.

Based on "*Aira brasiliensis* Radd."

"Rio de Janeiro (Baili)."

(*Sporobolus brasiliensis* = this)
1 floret, lemma 1 nerved
(1 or 2 fl.)

Brazil

Eragrostis airoides var. *pluriflora* Doell. in Mart.
Fl. Bras. 2: 137. 1878.

"....ab eodem cl. Sello in Brasilia meridionali
lecta."

Eragrostis alba Presl, Reliq. Haenk. 1, 279. 1830.

Hab. ad Monte-Rey, Californiae.

Type from Peru, Haenke. "Monte-Rey, California"
an error.

Eragrostis albescens Steud. Syn. Fl. Glum. 1: 269.
1854.

"Senegal" Africa

Eragrostis albida Hitchc. Journ. Washington Acad.
Sci. 19: 304. 1929.

"Type specimen in the U. S. National Herbarium,
no. 1385812, collected at Timbuktu, French Sudan,
June 22, 1927, by O. Hagerup (no. 107)."

Africa

Eragrostis alopecuroides Balansa, Journ. de Bot. 4: 168
1890.

"Fort de Cameran (Annam), non loin du rivage (Bal.)."

Balansa Asia

Eragrostis alta Keng, Lingnan Sci. Journ. 16: 1. 1937.

"Type in the herbarium of the National Research In-
stitute of Biology, Acad. Sinica Nanking, collected in
forest of moist sandy soil, fairly common, Lok
Nool Shan and vicinity, Ch'ang-kiang District,
Hainan Island, March 10, 1933, S. K. Lau (No. 1291).
Isotypes are in the herbarium of the Lingnan Nat.
Hist. Surv. & Mus."

Probably related to *Eragrostis tenella* (L.) Beauv.

Eragrostis amabilis (L.) Wight & Arn. ex Nees in Hook.
& Arn. Bot. Beechey Voy. 251. 1838.

Based on *Poa amabilis* L.

India

Eragrostis amabilis var. *breviculmis* (Stapf) E. G.
Camus & A. Camus, Fl. Gen. Indo-Chine 7: 557. 1923.

Based on *Eragrostis tenella* var. *breviculmis* Stapf
India

Eragrostis amabilis var. *contracta* Buse in Miq. Fl.
Jungh. 349. 1854.

"Habitat in arenosis insulae Javae et Sumatrae;
prope Padang, in prov. Ankola superiore, prope
Jogjakerta, Jungh. crescit quoque in insulis
Moluccanis, Bourou v. G. et Amboina Brogn."
[Brongni?]

East Indies

Eragrostis amabilis var. *duriuscula* K. Schum.
Pflanzenwelt. Ostaf. C. 115. 1895.

"Usambara -- Holst. n. 204, 8941, 8977)."

Africa

Eragrostis amabilis var. *effusa* Buse [Buse] in Miq.
Fl. Jungh. 348. 1854.

"Habitat insulam Javae, ubi prope Buitenzorg,
prope Magelang....prope Bataviam....collegit
Jungh."

[Junghuhn]

Eragrostis amabilis var. *ongiemensis* A. Camus, Bull.
Mus. Hist. Nat. 25: 498. 1919.

"Cochinchine: On gien, pr. de Thu dan mot
(A. Chevalier)."

Asia

Eragrostis amabilis var. *plumosa* (Retz.) E. G. & A.
Camus, Fl. Gen. Indo-Chine 7: 557. 1923.

Based on *Poa plumosa* Retz.

= *E. amabilis*

India

Eragrostis amabilis var. *prostrata* Buse in Miq. Fl.
Jungh. 349. 1854.

"insulam Javae; prope Magelang Februario mense,
prope Jogjakerta mense Aprili, prope Tjibogo mense
Junio, prope Pesawahan mense Octobre. Jungh."

Java

Eragrostis amabilis var. *riparia* (Willd.) E. G. Camus
& A. Camus, Fl. Gen. Indo-Chine 7: 557. 1923

Based on *Poa riparia* Willd.

W. I. [error for Madras]

Eragrostis amabilis var. *scabriuscula* Buse in Miq.
Fl. Jungh. 349. 1854.

"...insulam Javae atque Sumatrae; prope Pesawahan
mense Octobris, prope Magelang mense Februario,
prope Bataviam mense Martio prope Padang mense
Augusto. Jungh."

Eragrostis amabilis f. *subfusca* Kuntze, Rev. Gen. Fl.
2: 774. 1891.

"Anam: Throng."

Asia

Eragrostis amabilis var. *tenella* A. Camus, E. G.
Camus & A. Camus, Fl. Gen. Indo-Chine 7: 557. 1923,
without description.

"*E. tenella* var. 1 *tenella proper* Hook. in Trim.,
Fl. Ceyl. V, p. 291." cited.

India

Eragrostis amabilis f. *varia* Kuntze, Rev. Gen. Fl.
2: 774. 1891.

"Java, Dekkan, Delhi."

Eragrostis ambohibengensis A. Camus, Bull. Soc. Bot.
France 74: 689. 1928.

"Madagascar occidenti....Mont Ambohibenga (Milanja)
(Ferrier de la Edith, no. 11,291)."

Eragrostis amboinensis Trin. ex Steud. Nom. Bot. ed. 2.
1: 562. 1840. Name only.

Amboina East Indies

Eragrostis amboinica (L.) Druce, Rep. Bot. Soc.
Exchange Club 1916: 621. 1917.

Based on *Poa amboinica* L.
East Indies

Eragrostis amboitrensis A. Camus, Bull. Soc. Bot.
France 100: 353. 1953.

Madagascar, Centre: sud d'Amboitra (alt. 1,600m.)
Ferrier 10,788.

Eragrostis ambrensis A. Camus, Bull. Soc. Bot.
France 100: 354. 1953.

Madagascar: Centre (N), bords du lac Mamit, massif
d'Ambre, alt. 1.200 m., Ferrier 17713.

Eragrostis amherstiana Nees in Royle, Illust. Bot.
Himalayan Mts. & Fl. Cashmere 1: 417. 1839.

India

Royle...."regrets that want of space has compelled
him to omit the characters of [Gramineae, named by
Prof. Nees von Esenbach] which he has therefore
made over to the Linnean Society." p. VIII. 1839.

Eragrostis amoena Presl, Rel. Haenk. 1: 275. 1830.

"Hab. in Mexico."

= *E. maypurensis* (H.B.K.) Steud.

Eragrostis andicola R. Fries, Nov. Act. Reg. Soc.
Scient. Upsal. IV. 1: 180. 1905.

"Prov. Jujuy: Moreno in montibus saxosis apricis
siccis....(26 Nov. 1901; Fries 924 a; --15 Dec.
1901; Fr. 924)."

Argentina

Eragrostis andicola Pilger, Bot. Jahrb. Engler
37: 377. 1906. Not A. Fries 1905.

"Peru: Depart. Ancachs, inter Samanco et Caraz,
infra Hacienda Cajabamba....(Weberbauer n. 3114)."
= *E. pilgeriana* Hitchc.

Eragrostis andicola f. *humilior* Pilger, Bot. Jahrb.
Engler 37: 377. 1906.

Peru Weberbauer 3036, Ancash, inter Samanco et
Caraz
= *E. pilgeriana* Hitchc.

Eragrostis andicola var. *robustior* Pilger, Bot.
Jahrb. Engler 37: 377. 1906.

"Peru: Dep. Ancachs, in prov. Cajatambo, infra
Ocos....(Weberbauer n. 2746)."
= *E. pilgeriana* Hitchc.

Eragrostis andongensis Welw. in Rendle, Cat. Afr. Fl.
Welw. 2: 236. 1899.

"Huilla.--Plentiful on the highest ridges of the
loftiest rocks of the praesidium....no. 2755."
[Welwitsch, Coll.]

Angola, Africa

Eragrostis angolensis Hack. Oesterr. Bot. Zeitschr.
53: 199. 1903.

Based on *E. brachyphylla* Hack, 1902, not Stapf 1896.
Angola Africa (Newton, coll.)

Eragrostis angusta Hack. in Schinz. Bull. Herb.
Boiss. 1: 772. 1901.

"Deutsch-Südwest-Afrika (Hereroland) Tsoachaub,
Dinter 98.
Südost-Afrika: Boruma am Sambesi, Menyhart."

aff. "*E. virescenti* Presl"

Eragrostis annulata Rendle ex S. Elliot, Journ. Bot.
29: 72. 1891.

"Hab. Ookiep, Namaqualand, Scully!"

South Africa

Eragrostis annulata Chiov. Ann. Ist. Bot. Roma.
8: 63. 1903.

"Samhar: Isola Soek Said 3. III. 1892 (T. P. n. 2730)
mista con *Erag. aspera* Nees nell' isola Soek Said
3. III. 1892 (T. P. n. 2732)."

[Terracciano & Pappi, Coll.]

Erythraea - Africa

Eragrostis annulata var. *major* Rendle, Cat. Afr. Fl.
Welwitsch. 2: 233. 1899.

"Mossamedes.- In sandy places on the banks of the
river Bero, near Cavalheiros. ...No. 2298."
[Welwitsch, Coll.]

Angola Africa

Eragrostis apiculata Doell in Mart. Fl. Bras. 2: 145.
1878.

"Habitat ad Caldas prov. Minarum (Regnell III.
n. 1411)."

Brazil

Eragrostis aquatica Honda, Bot. Mag. Tokyo 42: 508.
1928.

"Hondo: Tashiro ciro. Nagoya, prov. Owari (T. Sato,
anno 1924); Nara, prov. Yamato (S. Miki, No. 2,
anno 1923); Ikeda, prov. Kii (Y. Ogawa, no. 10,
anno 1922)."

Japan

Eragrostis arabica Jaub. & Spach, Illustr. 4: 31.
pl. 322. 1850-53.

"Crescit Arabia. (In ditione Hedjaz, circa urbem
Djedda: W. Schimper! Plant. --Arab. exs., no. 798,
sub nomine *Poa ciliaris* --Botta! in Herb. Mus.
Par.)."

Asia

Eragrostis araiostachya Chiov. Fl. Somalia 2: 458.
f. 246. 1932.

"Oltregiuba: Baddada 7-VII fl. (Dr. L. Senni 1929
n. 384)."

Somalia, East Africa

Eragrostis arenicola C. E. Hubbard, Kew Bull.
1949: 345. 1949.

Southern Rhodesia: Salisbury, 1440 m., April 1920,
Eyles 2190 (Type)

Africa

Eragrostis argentina Jedw. Bot. Archiv. Mez,
5: 193. 1924.

"Argentina, in Rio Colorado valle, ubi primum saxa
granitica in lucem evadunt, et Rio Negro, super in-
sulam Choels-Choel (Lorentz et Niederlein)."

Eragrostis arida Hitchc. Journ. Washington Acad. Sci.
23: 449. 1933.

Type in the U. S. National Herb. No. 905937, ...
Del Rio, Texas, Sept. 14, 1915, by A. S. Hitchcock
(no. 13650) Man. U. S.

Eragrostis aristata de Winter, Bothalia 7: 468. 1961.

0

aff. *E. crassinervi* Hack. sed lemma 3-lobed, midnerve
ending in short awn, lateral nerves mucronata.

0 South West Africa.--Omaruru: Namib. Brandberg,
along river bed, abundant, Schweickardt 2252 (PRE,
hols. K, iso; Brandberg, Hungarob ecke, Wiss 1504;
Brandberg Valley, Liebenberg 5019.- upper glume 3-
nerved. "At first glance-- can hardly be recognized
as species of *Eragrostis*."

Eragrostis articulata (Schrank) Nees, Agrost. Bras. 502.
1829.

Two unnamed var. "α....prope Itambe do Mato dentro,
rel., provinciae Minarum. (Mart.) var. β colitur in
H. bot. Monacensi e seminibus, a Martio missis."

after β (p. 502): "oujus Syn. *Poa articulata*
Schrank, Syll. Batieb. I p. 194." [this is the
common hairy species, with glandular pedicels, the
Poa articulata Schrank. Nees var. α with blades and
sheaths glabrous is ?

Eragrostis articulata De Wild. Bull. Jard. Bot. Brux.
6: 58, pl. 2. 1919. Not Nees 1829.

"Vallée de Kapiri,....(Hombé, m. 1032)."

Congo Africa

Eragrostis articulata var. *eglandulosa* Nicora, Rev.
Argentina Agron. 7: 259, 272. f. 4C. f. 5 B. 1940.

"Paraguay: Villa Rica, leg. P. Jorgensen no. 3554,
común campo (tipo varietal: S.I. - San Isidro: Insti-
tuto Darwiniano L.P. - La Plata: Museo de Historia
Natural, Departamento de Botánica (L.P.): ingeniero
L. R. Parodi)"

S. America

Eragrostis articulata var. *glabrescens* Henr. Med.
Rijks Herb. Leiden 40: 69. 1921.

[Bolivia] (Herzog no. 1309 a).

Eragrostis articulata var. *pauciflora* Doell. in Mart.
Fl. Bras. 2: 142. 1878.

No citation Brazil

Eragrostis arundinacea Jedw. Bot. Archiv. Mez.
5: 192. 1924. Not Roshev. 1934.

"Am. sept., Texas (coll. ignot., herb. Berol.)."

= *Tridens flavus* Man. U. S.

[Pilger, Notisbl. Bot. Gart. Berlin 9: 1155. 1927.
refers this to *Tridens seslerioides*, this =
Tridens flavus.]

Eragrostis arundinacea (L.) Roshev. in Komarov, Fl.
U.R.S.S. 2: 319, pl. 24, fig. 10, a, b. 1934.
Not Jedw. 1924.

Based on *Aira arundinacea* L.

In Oriente - Asia

Eragrostis aspera (Jacq.) Nees, Fl. Afr. Austr.
408. 1841.

Based on "*Poa aspera* Jacq."

Ind. Or.

Eragrostis aspera var. *major* Peter, Repert. Sp. Nov.
Fedde Beih. 40: (Anhang 107). 1930; 331, 1931.

"D O Afr., S[üd] Pare: Buschpori bei Makania"

"Specimina authentica Peter 2951"

East Africa

Eragrostis atherstonei Stapf in Thiseit, -Dyer, Fl.
Cap. 7: 607. 1900.

"Kalahari Region: Transvaal; near Lydenburg,
Atherstone!"

So. Africa

Eragrostis atherstonei Stapf var. *trichorhachis* Hack.
ex Pilger, Willdenowia 1: 218. 1954.

S. W. Africa

Eragrostis atropioides Hillebr. Fl. Haw. Isl. 531.
1888.

"East Maui ? (label lost), probably growing in wet
places."

Hawaiian Isls.

Eragrostis atropurpurea Hochst. ex Steud. Syn. Fl.
Glum. 1: 267. 1854.

"(in Hohnkr. Hrbr. Ind. nr. 938.)...Montes
Nilagiri."

India

Eragrostis atrovirens (Desf.) Steud. Nom. Bot. 1: 562.
1840.

Based on *Poa atrovirens* Desf. Also (Desf.) Nees,
Fl. Afr. Austr. 400. 1841. Both transfers based
on *Poa atrovirens* Desf.

Africa

Eragrostis atrovirens Lange in Kjoeb. Vidensk. Meddel.
47. 1860, as syn. of *E. speirostachya* Coas. & D. R.
Not Trin. 1840; Nees 1841.

Eragrostis atrovirens f. *Brownii* Hack. in Kneuek.
Allg. Bot. Zeitschr. 21: 38. 1915.

Based on *Poa polymorpha* R. Br.

"apud Fortum Jackson, inclusis ripis aestuarii
Hunter's River vel Coal River.--Littora Novae
Hollandiae intra tropicum."

Australia

Eragrostis atrovirens (Desf.) Trin. var. *congesta*

Robyns & Tournay, Bull. Jard. Bot. Brux. 25: 243.
1955.

Congo Belge et Ruanda-Urundi Dist. du Leo Albert: ...
Jurion 78: ...Germain 3984; ...Wilbaux 281; ...Germain
4088; ...Taton 29; ...H.B. Johnston 1189(K).

Dist. Laos Édouard et Kivu: ...Scaetta 1462 (holotype
BR. isotypes B.M.K.F.); ...B.D. Burt 2998* (B.R.K.);
...Zappelli 72; ...Scaetta 93; ...Scaetta 114; ...
Scaetta 2297--Uganda: ...Snowden 1315(B.R.K.)--Tangan-
yika: ...Schlieben 780...1017...4735.
Burt 2998--an extreme case of contraction of inflor-
escence."

*collected in the Parc

Africa

Eragrostis atrovirens var. *Fontanesiano* Emberg. & Maire
Bull. Soc. Sci. Nat. Maroc. 13: 293. 1933.

"A typo (var. *Fontanesiano* n. nom.)" [for *Eragrostis*
atrovirens Desf.]

No description; mentioned under *Eragr. atrovirens*
var. *Hesperidium*

Eragrostis atrovirens var. *Hesperidium* Emberger & Maire,
Bull. Soc. Sci. Nat. Maroc. 13: 293. 1933.

"Hab. in uliginosis Imperii Marocani occidentalis
ad ripas lacusculi ad orientem silvas Manora
(Emberger, 1925); in ocellibus ad septentrionem
pagi Lalla Minouna in ditione Gharb (Emberger et
Maire 1926)."

Africa

Eragrostis atrovirens var. *ramosa* Honda, Bot. Mag.
Tokyo 45: 298. 1931.

"Hab. Kiusiu: ins. Yakushima, prov. Osumi (J.
Sugimoto, no. 7447, anno 1927)."
Japan

Eragrostis atrovirens Mairé, Bull. Soc. Hist. Nat.
Afr. Nord 28: 385. 1937.

"*E. atrovirens* Trin. 1841, et Auct. african.; non
Nees 1832. -- L'E. atrovirens des auteurs nord-afric-
ains doit recevoir un nouveau nom en raison de
l'existence d'un homonyme antérieur."

North Africa

Eragrostis atrovirens var. *hesperidum* Mairé, Bull.
Sci. Hist. Nat. Afr. Nord 28: 385. 1937. non nud.
See 1933.

"La plante marocaine devient l'E. atrovirens
Mairé var. *hesperidum* (Mairé, Contr. 647)"

North Africa

Eragrostis attenuata Hitchc. Contr. U. S. Nat. Herb.
24: 340. 1927.

"Type in the U. S. National Herbarium, no. 1,164,909
collected on sandy slopes of hills about three
kilometers back of Mollendo, Peru, Nov. 17, 1923,
by A. S. Hitchcock (no. 22424)."

Eragrostis aturensis Trin. ex Steud, Nom. Bot. ed. 2.
1: 562. 1840.

Based on "*Poa aturensis* H. B."
Venezuela

"in calidis sylvarum Orinocensium prope Cataractas
Aturensium."

Eragrostis aulacosperma (Fresen.) Steud, Nom. Bot.
ed. 2. 1: 562. 1840.

Based on *Poa aulacosperma* Fresen.
Abyssinia

Eragrostis aulacosperma var. *perennis* Schweinf. Bull.
Herb. 2: app. 2: 39. 1894.

"typische" collected by Schweinfurth "in 1864" an
der "Arabischen Küste" -- 22°N. "near Cape Eba--
(No. 1591) --" [var. is printed "var. *perennis*,
caespitosa Schwf."]

Africa

Eragrostis aurea Steud, Flora 29: 20. 1846.

"die japanischen Gräser... der Göring'schen
Sammlung."

Japan

Eragrostis aurea Steud, Syn. Fl. Glum. 1: 267. 1854.

"Hrbr. Göring nr. 15. Japon. Hrbr. Cuming nr.
545. Ins. Philip."

see same Flora 29: 20. 1846.

Japan

Eragrostis auriculata Hackel in Schinz, Bull. Herb.
Boiss. 1: 773. 1901.

"Deutsch-Südwest-Afrika: Gross-Namaland, Inachab in
arenosis, Dinter 1095; Hereroland, Tsoachaub,
Dinter 57."

So. Africa

"Remote aff. *E. obtusae* Munro"

Eragrostis australasica (Steud.) C. E. Hubb. Kew Bull.
Misc. Inf. 1941: 26. 1941.

Based on *Glyceria australasica* Steud.

Drummond coll. IV, nr. 387. N. Holl.

Australia

Eragrostis australiensis Domin, Bibl. Bot.

85: 400, fig. 93. 1915.

"*Poa interrupta* R. Br... non Lam."

Australia

Eragrostis autumnalis Keng, Contr. Biol. Lab. Sci.
Soc. China Bot. Ser. 10: 178. f. 19. 1936.

"Type in the Herbarium of the National Central Univ.
Nanking, China, collected on open roadside by rice-
field, Yun Tai Shan, South of Nanking, Aug. 17, 1928,
by Y. L. Keng (No. 1705); dupl. type in the U. S.
Nat. Herb. no. 1387177."

Eragrostis bagdadensis Boiss. Fl. Orient. 5: 581. 1884.
as syn. *E. pilosa* Boiss.

[Bagdad]

Eragrostis baguirmiensis Chevalier, Rev. Int. Bot.
Appl. Agr. Trop. 29: 135. pl. 7 B. 1949.

"Territoire du Lao Tchad: Baguirmi Sud, région du
Bahr-Erguig à Nigui (Chev. no 9468, 1^{re} août 1904
(type))"

Africa

Eragrostis bahamensis Hitchcock, Ann. Rep. Mo. Bot.
Gard. 4: 149. pl. 14. 1893.

"Inagua" [Hitchcock]

Bahama Isl. W. I.

Eragrostis ? bahiensis Schrad. ex Schult. Mant. 2: 318.
1824.

"In Brasilia. Princeps Sereniss. Maximil. Neowid."
Man. U. S.

Eragrostis bahiensis (Steud.) Herter, Fl. Illustrada
Uruguay 1: 85. f. 339. 1941. Not Schrad. 1824.

Presumably *Chloris bahiensis* Steud. No name cited,
only "(Steud.)"

Brazil

Eragrostis bahiensis var. *boliviensis* Henr. Med.
Rijks Herb. Leiden 40: 68. 1921.

"Bolivien: Prov. Larecaja, in vicinis Sorata, colle
Ullontiji... Febr. 1858, Bandon no. 1332! (Herb.
Lugd. Bat. no. 908, 88-303, und no. 908, 88-342)."

= *E. lurida* Presl.

Andes Grasses

Eragrostis bahiensis var. *contracta* Doell. in Mart. Fl.
Bras. 2: 151. 1878.

Brazil

Eragrostis bahiensis var. *laxiuscula* Doell. in Mart.
Fl. Bras. 2: 151. 1878.

Brazil

Eragrostis barbata Trin. Mém. Acad. St. Pétersb. VI.
Sci. Nat. 2: 76. 1836.

"V. spp. Bras."

= *Steirachne*

Eragrostis barbeyi Post, Bull. Herb. Boiss. 5: 760.
1897.

"Habitat in collibus prope Midyat (Mardin)....
No. 38." [Post, Collector]

[Asiatic Turkey]

Eragrostis barbiglumis Jedw. Bot. Archiv. Mez
5: 192. 1924.

"Brasilia, loco non indicato (Glaziov nr. 15615);
Minas Geraes, ad Caidas (Begnelli). -- Argentina,
Rio Alto Parana (Niederlein)."

Eragrostis barbinodis Hack. Bull. Herb. Boiss. 3: 390.
1895.

"Transvaal: Boshveld, Klippan (Rehm. 5362, 5364)."

"aff. *E. curvulae* Nees"

Africa

Eragrostis barbulata Stapf, Fl. Brit. Ind. 7: 319.
1896.

"*Eragrostis*, Wall. Cat. n. 3839."

Lower Burma; road to the Petroleum Wells, Mallich."

So. Asia

Eragrostis barrelieri Daveau. in Morot, Journ. de Bot.
8: 289. 1894.

[For further discussion see Daveau, Bull. Soc. Bot.
France 41: 556, Nov. 1894.]

"Barrelier, Plantae per Galliam, Hispaniam et
Italiam observatae; tab. 44, fig. 2."

So. Europe

Eragrostis Barrelieri f. *pallida* Mairé, Bull. Soc.
Hist. Nat. Afr. Nord 30: 369. 1939.

Maroc méridional: palmeraie d'Assa (Ollivier)."

N. Africa

Eragrostis Barrelieri f. *violacea* Mairé & Weiller,
Fl. Afr. Nord 2: 173. 1953.

Eragrostis Barteri C. E. Hubb. in Hutch. & Dalziel,
Fl. West. Trop. Afr. 2: 516. 1936, English descr.
only; Kew Bull. Misc. Inf. 1936: 311. 1936,
Latin descr.

"N. Nigeria: Mupe! In cultivated ground. Ex sicc.
-- Barter 877."

Africa

Eragrostis Basedowii Jedw. Bot. Archiv. Mez
4: 328. 1923.

"Sud-Australien, Flinders Range (Basedow)."
Australia

Eragrostis basilepis Pilger, Notizbl. Bot. Gart.
Berlin 15: 705. 1942.

"Deutsch-Ostafrika, S. W. Umba-Steppe. Kivungo
(Greenway n. 2000 -- Januar 1930)."

"Characteristic species of the Cataclastos-Gruppe"

Africa

Eragrostis Béguinotii Belosersky, Atti acc. scientif.
Veneto-Trentina Ist. 7: 153-177. 1914.

"*E. minor* var. *densiflora* Heldr." cited.

Italy

Eragrostis bella Domin, Bibl. Bot. 85: 394. 1915.

"Nord-Queensland: am Walsh River, nordlich von
Chillagoe (Domin, II. 1910)."

Australia

Eragrostis bemarkensis A. Camus, Not. Syst. 13: 264.
1948.

Domaine de l'Quest: rochers pres du lit du Bemarko
(Boina) (Ferrier de la Bathie 11.932; rochers du
lit du Bemarko (Ferrier de la Bathie 11.302.)

Eragrostis benguelensis Peyr. Sitzb. Acad. Wien.
Math.-Nat. 38: 583. 1860.

"Hab. in planitie sabulosa prope Catombel... W. W. W.
Coll. n. 278.-- Guinea. (Herb. Hornemann fide Trin.)
Trop. Africa

Eragrostis beninensis Steud. Nom. Bot. ed. 2. 1: 562.
1840.

Cites: *Megastachya mucronata* Beauv. *Poa mucronata*
Poir.

(*Centotheca mucronata* (Beauv.) Hack.)

= *Megastachya mucronata* (Beauv.) Beauv.

Trop. Africa

Eragrostis benthami Mattei in Borzi, Contrib. Biol.
Veg. 4: 237. 1909.

"Er. Browni var. patens Benth."

Port Jackson & Blue Mts. Victoria
F. Mueller, Australia

Eragrostis bequaerti De Wild. Bull. Jard. Bot. Brux.
6: 59. pl. 6. 1919.

"Kundelungu, (J. Bequaert, n. 255)."

[Congo Africa]

Eragrostis bergiana (Kunth) Trin. Mem. Acad. St.
Petersb. VI. Sci. Nat. 24: 71. 1836.

Based on "*Poa bergiana* Kth."

So. Africa Cape Good Hope

Eragrostis beroensis Rendle, Cat. Afr. Fl. Welwitsch
2: 241. 1899.

"Mossamedes.--Sandy thickets on the river Bero...
No. 2606." [Welwitsch]

Angola Africa

Eragrostis berteriana Steud. Nom. Bot. ed. 2. 2: 361.
1841; as syn of *Poa polymorpha* Balb.

No loc.

Eragrostis berteroniana (Schult.) Steud. Nom. Bot.
ed. 2. 1: 562. 1840.

Based on "*Megastachya Berteroniana* Schult."

Han. W. I.
Santo Domingo

Eragrostis betsileensis A. Camus, Bull. Mus. Hist. Nat.
Paris, ser. 2. 29: 280. 1957.

Madagascar. "Centre(Est):--à l'Ouest d'Iremo
(W. Betsileo), alt. 1500-1700 m., Humbert 30071; type
herb. Mus. Paris.

"quelques affinités avec *E. Schweinfurthii* Chiov."

Eragrostis beyrichii J. G. Smith, Rep. No. Bot. Gard.
6: 117. pl. 56. 1895.

"Type in the Bernhardi Herbarium"--"Beyrich.....
Arkansas in 1834."

Han. U. S.

Eragrostis bicolor Nees, Fl. Afr. Austr. 407. 1841.

"In Nieuwe Hantom montibus ad Leeuwenfontein....et
ad Wonderheuvel....(Drège)."

So. Africa

Eragrostis bicolor Boiss. Fl. Orient 5: 581. 1884;
as syn. *E. pilosa* Boiss. Not Nees 1841.

Asia

Eragrostis bicolor var. *flexuosa* Nees, Fl. Afr. Austr.
1: 407. 1841.

"Steelkloof"....[Drège]

South Africa

Eragrostis bifaria (Vahl) Steud. Syn. Fl. Glum. 1: 264.
1854.

Based on *Poa bifaria* Vahl.

Ind. Or.

Not E. Br. in Wallich Cat. 1830. name only.

= *Eragrostiella bifaria* (Vahl) Bor.

Eragrostis bifaria var. *australiana* Bailey, Queensl.
Fl. 6: 1908. 1902.

"Hab.: Walsh River, R. C. Burton."

Australia

Eragrostis biflora Hack. ex Schinz, Bull. Herb. Boiss.
3: 390. 1895.

"Republiea Oranensis: Bloemfontein (Behm. 3759);
Transvaal: Boshveld, Klippan (Behm. 5364)"

So. Africa

Eragrostis biformis (Kunth) Benth. in Hook. Niger Fl.
568. 1849.

Based on "*Poa biformis* Kth."

"Kunth, Enum. pl. p. 332. (sub *Poa*). cited.

Senegambia, au Senegal. Africa

Eragrostis bipinnata (L.) Schum. in Engl. Pflanzenw.
Ost.-Afr. C. 113. 1895.

Based on "*Eriza bipinnata* L."

= *Desmostachya bipinnata* (L.) Stapf

Same comb. made by Muschler, Vern. Bot. Ver. Prov.
Brandenb. 49: 74. 1907.

Africa

Eragrostis blastocaulis Pilger, Notizbl. Bot. Gart.
Berlin 15: 704. 1942.

"Deutsch-Ostafrika: Iringa, Isowi, auf Wiese
(H. J. Schlieben n. 1029 -- Mai 1931)."

East Africa

Eragrostis bleeseri Pilger, Notizbl. Bot. Gart. Berlin
10: 112. 1927.

"Nord-Australien: Port Darwin, offener Wald--F.A.K.
Bleeser n. 659; Typus; desgl. n. 681.)"

Eragrostis blepharoglumis K. Schumann Pflanzenwelt
Ostafrikas C. 113. 1895.

"Seengebiet.--Bukoba Stuhl n. 1009, Ihangiro.--
Stuhl n. 3359)."

East Africa

Eragrostis blepharolepis Hack. Fedde Rep. Nov. Sp.
Regni veg. 10: 171. 1911.

N.W. Rhodesia leg. Kassner (no. 2111); prope Bulow-
wayo leg. Gardner (no. 75).

Nahe verwandt mit *E. Lappula* Nees....var. *divaricata*
Stapf.

Africa

Eragrostis blepharophylla Jedw. Bot. Archiv. Mez
5: 197. 1924.

"Brasilia, loco non indicato (Sellow nr. 3688)."

= *E. expansa*

Eragrostis blepharostachya K. Schum. Bot. Jahrb.
Engler 24: 336. 1897.

"Togoland: bei der Station Misahöhe (Kling n. 79)...
ebenda, bei Bolome in trockener, sonniger Savanne
(Baumann n. 247), zerstreut bei Kuma Gā an Wegen
(ders. n. 231) in der Steppe beim Jagebachs unfern
Bismarckburg (Büttner n. 100 u. 120)"

[Africa]

Eragrostis böhmi Hack. Oesterr. Botan. Zeitsch. 52:
303. 1902.

"Africa centralis: in pratis prope Gonda ad ripam
orientalem lacus Tanganyika, leg. Dr. R. Böhm
(nr. 40)."

(Subgen. *Pterocessa*)

Eragrostis boinensis A. Camus, Bull. Soc. Bot. France
96: 167. 1949.

"Madagascar: Domaine de l'Ouest, Boina, sables de
Nadinval (Ferrier de la Bathie, no. 1299, type)..."

Eragrostis boivinii Steud. Syn. Fl. Glum. 1: 426. 1855.

"Boivin coll. nr. 2295. Madagaso." T

Eragrostis boliviensis Jedw. Bot. Archiv. Mez 5: 205.
1924.

"Bolivia, ad Soratam prope San Pedro (Mandon nr.
1330), ad Camataqui (Piebrig nr. 3266)."

= *E. buchtienii*

Eragrostis borestenica Gruner, Bull. Soc. Nat.
Moscou 41: Séances 130. 1869.

42: 135. 1869.

on pl. 7 name for 11 and 12 is *Eragrostis aegyptiaca*
511
M85

(paper by L. Gruner, Enum. Fl. 1865.
"ad flumina Borysthenum et Konken inferiorum in
Rossica australis prov. Catherinopolis and Taurina
Coll." a continued paper, grasses not reached in
vol. 41. vol. 42: 131-141. 1869 are grasses but not
E. borestenica.)

Eragrostis boryana (Willd.) Steud. Nom. II. 1: 562.
1840.

Based on *Poa boryana* Willd.

Bory de St. Vincent

Mauritius

Eragrostis borysthenica Klokov, Not. Syst. Herb. Inst.
Bot. Kamorov Acad. Sci. U.R.S.S. 12: 52. 1950.
Not Gruner 1869.

Typus speciei. RSS Ucr., dit. Zaporozhienensis, inter
p.p. Popova et Belen'koje, ripa sabulosa Borysthenis
legit I. G. Zoz; in Herbario Universitatis
Charcoviensis.
U.S.S.R.

Eragrostis botteri Fourn. Mex. Fl. 2: 115. 1886;
as syn. *E. poaeoides* Beauv.

[Orizaba, Botteri 107]

Eragrostis Bovonei Chiov. Ann. di Bot. 13: 56. 1914.

"Catanga, a Kayoyo nelle regione boschive. 29. X.
1910 (Bovone n. 53)."

[Africa tropica meridionalis]

Tanganyika

aff. *E. crassinervi* Hack.

Eragrostis brachyphylla Stapf in Hook. f. Fl. Brit.
Ind. 7: 327. 1896.

"From Behar and the Central Provinces, southward to
the Nilghiris, Wight, Ferrottet."

India

Eragrostis brachyphylla Hack. Oesterr. Bot. Zeitsch.
52: 305. 1902. Not Stapf 1896.

"Angola: prope Biballa leg. Newton."

(Sect. *Pteroessa*)

basis of *E. angolensis* Hack.

Africa

Eragrostis brachypoda Hack. Bot. Centralb. 120: 548.
1912.

Nom. nud. in notice of Buchtien's Herb. Bolivianum
Cent. I. 1911.

Buchtien, Contr. Fl. Boliv. 1: 76. 1910, without
description. "aff. *E. nigricans* Presl"

Bolivia, La Paz, Buchtien

Not found in Hackel Hb. A.C.

Eragrostis brasiliensis Nees, Agrost. Bras. 510. 1829.

Not [*brasiliensis* (Raddi) Nees, op cit. p. 497.

op. cit. p. 608 "Addenda et emendanda" p. 510. Nro.
14. pro *Eragrostis brasiliensis* lege *E. elegans*."

"*Poa brasiliensis* Spr. " 1825. "(*P. elegans* Willd.
herb.)"

Brazil

Eragrostis brasiliensis (Raddi) Nees, Agrost. Bras.
497. 1829.

"*Poa brasiliensis* Raddi." 1823.

Rio de Janeiro, Brazil

Eragrostis braunii Schweinf. Bull. Herb. Boiss.

2: App. 2: 38. 1894.

"Arab., Jemen. Am Südwestabhang des Schibām bei
Menaona (2500m.) 1948." [Schweinfurth, Coll.]

Arabia

Eragrostis brevicaulis Stapf ex Léveillé, Cat. Pl.

Yun-Nan 127. 1916, nom. nud.

China

Eragrostis brevifolia (Schult.) Benth. in Hook. Icom.

pl. 1268 p. 51. 1881. not shown on pl. 1268, dis-
cussed on p. 51!

Benth.:--"an East Indian Peninsular plant. *Dacty-
lis brevifolia* Roem. [error for Schult.]--has,
however, all the characters of *Eragrostis*, and may
take the name of *Eragrostis brevifolia*."--"

East Indies

of. *Coelachyrum brevifolia* (Hookst.) Nees

Eragrostis brevipedicellata A. Gray, Proc. Acad. Phila.

1862: 336. 1863, as syn. *Eragrostis curtipedicellata*
Gray.

= *Eragrostis curtipedicellata* Gray

Man. U. S.

Eragrostis brevispicca Keng, Lingnan Sci. Journ.

16: 2. 1937.

"Type in the herbarium of the National Research Inst.
of Biology, Acad. Sinica, Nanking, collected in
thicket on gentle slope of sandy soil, rare, Ka Chik
Shan and vicinity, Ch'ang-kiang District, Hainan
Island, Dec. 20, 1933, S. K. Lau (No. 2889)."....

aff. *Eragrostis phleoides* Stapf

Eragrostis brizantha Nees, Fl. Afr. Austr. 411. 1841.

"In collibus arenosis ad Garip fluvium(Klein
Namaqualand), Drège."

[Cape Colony] Africa

Eragrostis brizantha var. *pusilla* Hack. in Schinz,
Vierteljahrsschr. Naturf. Ges. Zurich 56: 82. 1911.

"Gross = Namaland: Awichab, Dinter 1105, fl. IX.

S. W. Africa

Eragrostis brizoides Costa, Suplem. Fl. Catal. 81, 1877

Not Schult. 1824. from Ind. Kew.

Date not in Pritzel

" " " Bradley

" " " Arnold Arb.

Catalonia, Spain

Eragrostis brizoides Schult. Mant. 2: 319. 1824.

"*Poa tenella* Nutt." cited.

No place [U. S.]

= *E. pectinacea* Man. U. S.

Eragrostis brizoides (L.f.) Nees, Linnaea 7: 328.

1832. Not Schult. 1824.

Based on *Poa brizoides* L.f."

So. Africa

Eragrostis brizoides var. *depauperata* Nees, Fl. Afr.

Austr. 1: 384. 1841.

"ad Kaohu alt. 1500', (Drège)."

So. Africa

Eragrostis brizoides var. *multiflora* Nees, Fl. Afr.

Austr. 1: 384. 1841.

"in planitie uliginoso-sabulosa ad Paarl... (Drège)."

Cape Colony, Africa

Eragrostis bromoides (Vahl) Steud. Syn. Fl. Glum.

1: 276. 1854.

Based on "*Poa bromoides* Vahl."

"Lima" Peru

Eragrostis bromoides Jedw. Bot. Archiv. Mez 5: 190.

1924. Not Steud. 1854.

"Africa tropica, Sudan centr., in paludibus flum.
Bailli (Chevalier nr. 8588)."

Eragrostis browneana Nees, Nov. Act. Nat. Cur.

194: 205. 1843. Error for *brownei* Nees.

= *E. brownei*

Australia

Eragrostis brownei Nees in Hook. & Arn. Bot. Beechey Voy.

253. 1838.

Australia

Eragrostis brownei (Kunth) Nees in Steud. Nom. Bot.

ed. 2. 1: 562. 1840.

Same Nees, Fl. Afr. Austr. 396. 1841.

Incidental mention "Fl. Ind. Or." no author cited.

Eragrostis brownei (Kunth) Nees, Fl. Afr. Austr. 396.

1841. Incidental mention "Fl. Ind. or." No

author cited.

Eragrostis brownei Kunth ex Chapm. Fl. South. U. S.

ed. 2. 664. 1883. Not Nees 1838.

"East Florida (Garber), Tennessee (Dr. Gattinger)."

= *E. simplex* Man. U. S.

Eragrostis brownii var. *interrupta* Benth. Fl. Austral.

7: 647. 1878.

Based on "*Poa interrupta* R. Br."

[Australia]

Eragrostis brownii var. *patens* Benth. Fl. Austral.

7: 647. 1878.

"Fort Jackson & Blue Mountains, R. Brown, Woolls
and others; Victoria, F. Mueller."

Australia

Eragrostis Brownii var. *pubescens* Bailey, Queensland

Agric. Journ. 27: 70. pl. 20. 1911.

"Cairns, F. M. B[ailey], 1897. Badu Island,
Jorres Strait, E. W. Bick."

Australia

Eragrostis brownii var. *schistacea* Bailey in Bot.

Bull. Dept. Agr. Queensl. 16: 2. 1903.

"Hab.: Irvinebank.--F. Bennett."

Queensland Australia

Eragrostis buchananii K. Schum. in Engl. Pflanzenw.

Ost.-Afr. C. 114. 1895.

"Njassaland."--East Africa

Eragrostis Buchananii Gandog. Bull. Soc. Bot. France

68: 300. 1920. Not Schum 1895.

"Africa centr., ad Nyassa (Buchanan n. 297!)"

Eragrostis Buchtienii Hack. Rep. Sp. Nov. Fedde

6: 157. 1908.

"leg. Dr. O. Buchtien (no. 428)" in part.

"Bolivia: Süd-Yungas, Simpaya bei Yanasochi."

Eragrostis bulbillifera Steud. Syn. Fl. Glum. 1: 267.

1854.

"Hrbr. Mus. Lugd. Batav. Japon."

Eragrostis burchellii Stapf in Thiseit.-Dyer,

7: 608. 1900.

Kalahari Region: Carnarvon Div.; at Buffels Bout,
Burchell 1606! Frieska Div.; between Modder Fontein
and Keikams Poort, Burchell, 1612/11!"

Cape Colony Africa

Eragrostis burmanica Bor. Kew Bull. Niso. Inf.

1951: 166. 1951.

E. charlis (Schult.) Hitchc. similis sed pedicellis
multo longioribus facile distinguitur.

Burma: Prom District, 20 Jul. 1948, U. Thein Lwin
582. "at the edge of paddy fields" (typus in Herb.
Kew.).

Eragrostis Burttdavii Stent. Bothalia 1: 176. 1922.

"Bloemhof, Transvaal, Burttdavii 10506."

Africa

Eragrostis caelachyrum (Benth.) Boiss. Fl. Orient.

5: 584. 1884. See *E. coelachyrum* Benth.

= *E. coelachyrum*

= *Coelachyrum brevifolium*

Eragrostis caesia Stapf in Thiseit., Dyer, Fl. Cap.

5: 599. 1900.

"Coast Region: Cathcart Div.; Glencairn... Galpin 24141"

Eastern Region: Natal; Biet Vley, ... Buchanan 2401"

So. Africa

Eragrostis caespitosa Chiov. Ann. Bot. 13: 373. 1915.

"Somalia italiana a Mallabai (Paoli 1913, n. 756)."

East Africa

Eragrostis calantha Peter, Repert. Sp. Nov. Fedde

Beih. 40: (Anhang 110), pl. 66, fig. 1. 1930;

333. 1931.

"D.O. Afr.--Unyansi: Tschaya östlich Kazikazi"

"Specimina authentica: Peter 34319"

Aff. *E. chalcantha*

East Africa

Eragrostis calotheca Trin. Mém. Acad. St. Pétersb. VI.

Math. Phys. Nat. 1: 414. 1830.

"V. spp. Bras. (Sto Paulo, in fruticetis humidis prope Jundiacy.)"

Basis of *Briza calotheca* (Trin.) Hack.

Brazil

Eragrostis cambessediana (Kunth) Steud. Syn. Fl.

Glum. 1: 269. 1854.

Based on *Poa cambessediana* Kunth

Senegambia, Africa

Eragrostis campestris Trin. Mém. Acad. St. Pétersb.

VI. Sci. Nat. 24: 72. 1836.

"V. spp. Am. bor."

North America

= *E. refracta* Man. U. S.

Eragrostis campestris var. *refracta* Chapm. Fl. South

U. S. ed. 3. 617. 1897.

"Dry soil, middle Florida."

= *E. refracta* Man. U. S.

Eragrostis canesoens C. E. Hubb. Kew Bull. Misc. Inf.

1949: 348. 1949.

Nyasaland: North Nyasa District; Nyika Plateau, locally common on grasslands of plateau rim, a grass of the slopes not seen on open plateau, 2340m. August 19, 1946, Brass 17334 (Type).

Africa

Eragrostis caniflora Rendle, Cat. Afr. Fl. Welwitsch.

2: 232. 1899.

"Huilla.--Wet pastures by the river Monino; April 1860. No. 2698." [Welwitsch, Coll.]

Angola, Africa

Eragrostis capensis (Thunb.) Trin. in Mém. Acad. St.

Pétersb. VI. Math. Phys. Nat. 1: 400. 1830.

Same comb. made by Jedw. 1924.

Cape Good Hope Africa

Eragrostis capensis (Link) Jedw. Bot. Archiv. Mez,

5: 183. 1924. [= same Trin. 1830]

Based on *Briza capensis* Link. Link cites *Briza capensis* Thunb.

Cape Good Hope Africa

Eragrostis capillacea Jedw. Bot. Archiv. Mez

5: 196. 1924.

"Americae sept. Civit. Unitae, Nebraska centr. ad Plumer Ford, Dislam River, Thomas Co. (Rydberg nr. 1832)."

= *E. trichodes* Man. U. S.

N. America

Eragrostis capillaris (L.) Nees, Agrost. Bras.

505. 1829.

Same comb. Steud. Syn. Fl. Glum. 1: 273. 1854.

Based on *Poa capillaris* L.

Man. U. S.

Canada

Eragrostis capillaris var. *Frankii* (Steud.) Farwell,

Mich. Acad. Sci. Rep. 17: 182. 1916.

Based on *Eragrostis Frankii* Steud.

= " " " " Man. U. S.

Ohio

Eragrostis capillifolia Nees, Fl. Afr. Austr. 403.

1841.

"In monte Paarlberg... (Drège)."

So. Africa

Eragrostis capitata (Nutt.) Nash in Britton Man. 1042.

1901.

Based on *Poa capitata* Nutt.

= *E. reptans* Man. U. S.

Ark. River, U. S.

Eragrostis capuronii A. Camus, Bull. Mus. Nat. d'Hist.

Nat. ser. 2. 29: 279. 1957.

Sud de Madagascar: cap Sainte-Marie (extreme Sud) et ses abords, alt. 1-150 m.; rocaillies calcaires, Humbert et Capuron 29300; type herb. Mus. Paris. "annum"

"---dans le sect. Pterocessa."

Eragrostis carazensis Pilger, Bot. Jahrb. Engler

56: Beibl. 123: 27. 1920.

"Peru: Dep. Ancachs, Caraz.... (Weberbauer n. 2999.-Mai 1903)."

Eragrostis carolinensis Jedw. Bot. Archiv. Mez 5: 198.

1924. Not *E. caroliniana* Scribn. 1894.

"Insulae Carolinae, Yap, prope Missionem Sta. + Cruz, Machabal (Volkens nr. 430)."

Caroline Isl.

Eragrostis caroliniana (Spreng) Scribn. Torrey Club

Mem. 5: 49. 1894.

Based on *Poa caroliniana* Bieler.

Carolina, N. Amer.

[Discussion by Chiovenda Bull. Soc. Bot. Ital. 1920: 11-1920.]

U. S. Unidentified

Eragrostis Caroliniana var. *aidensata* Hack. ex

Chiovenda, Bull. Soc. Bot. Ital. Nos. 1-3: 15. 1920.

= *E. pilosa condensata* Hack?

"Posta da Gio. Baer nel 1903."

Italy

Eragrostis caroliniana var. *inconspicua* Chiovenda,

Bull. Soc. Bot. Ital. Nos. 1-3: 15. 1920.

"Nell' Orto botanico di Padova."

Italy

Eragrostis castellaneana Buscal. et Muschl. Bot.

Jahrb. Engler 49: 459. 1913.

"In der Steppe zwischen dem Banguelo und dem Tanganyika-See, 1200 m.ü. M. (20 April 1910)" Helena, Duchess of Aosta, collector.

Africa, Rhodesia

Eragrostis caudata Nees, Fl. Afr. Austr. 410. adn. 1841

as syn.; ex Steud. Syn. Fl. Glum. 1: 264. 1854.

Type loc.: "Nepal. China."

Eragrostis caudata Fourn. ex Hemsl. Biol. Centr. Am.

Bot. 3: 573. 1885, nom. nud.; Mex. Fl. 2: 115. 1886

Not Nees ex Steud. 1854.

Absque loco (Berl. 2345); Consoquitla, Augusto (Liebm. 520)

= *E. palmeri* Man. U. S.

Mexico

Eragrostis cephalotes Chiov. Webbia 8: 101. 1951.

No Latin description

Mega, 8-24 Sett. (n. 1277, 1288, 1292).

Southern Abyssinia

Eragrostis cernua (Willd.) Steud. Syn. Fl. Glum 1: 266.

1854.

Based on *Poa cernua* Willd.

Madras - India

Eragrostis chaetophylla Steud. Syn. Fl. Glum.

1: 279. 1854.

Based on "*E. setifolia* Nees in Hook. Lond. Journ. II 419, (non Benth.) Mitchell's Exped. in Hrbr. Lindley N. Holl." There is no *Eragrostis setifolia* Benth. Apparently confused with *Eragrostis setifolia* (Benth.) Steud. Syn. Fl. Glum. 1: 274. 1854, based on *Poa setifolia* Benth 1847, "Quito" Ecuador. q.v.

Eragrostis chaetophylla var. *pauciflora* Benth. Fl.

Austral. 7: 649. 1878.

"Lake Eyre, Andrewa."

Australia

Eragrostis chalarothyrsos C. E. Hubb. in Hutch. &

Dalziel, Fl. West. Trop. Afr. 2: 516. 1936, English

descrip. only; Kew Bull. Misc. Inf. 1936: 310. 1936,

Latin descrip.

"Sierra Leone: Mange! In grassfields. Exsicc. 240."

Africa

Eragrostis chalcantha Trin. Mém. Acad. St. Pétersb. VI.

Math. Phys. Nat. 1: 401. 1830.

Cape Good Hope, Africa

Eragrostis chalcantha var. *composita* Jedw. Bot. Archiv

Mez 5: 186. 1924.

"Basutoland, Lérivé (Dieterlen nr. 417 e. p.)"

[first cited]

So. Africa

Eragrostis chalcantha var. *effusa* Rendle, Cat. Afr.
Fl. Welwitsch. 2: 248. 1899.

"Pungo Andongo....No. 2760." [Welwitsch]

Eragrostis chalcantha var. *hirsuta* Peter, Repert. Sp.
Nov. Fedde Beih. 40: Anhang, 111. 1930; Beih. 40:
338. 1936.

"D O Afr., Useguha: Pakawa kanga *XII, Peter 14702."
East Africa

Eragrostis chalcantha var. *Holstii* Engl. & Schum. in
Engl. Pflanzenw. Ost-Afr. C: 114. 1895.

Usambara [German East Africa]

Eragrostis chalcantha var. *intermedia* Peter, Repert.
Sp. Nov. Fedde Beih. 40: Anhang, 111. 1930;
Beih. 40: 338. 1936.

"D O Afr., W Usambara: Steilhänge über Balangai.
1450 III Peter 16055 b."

East Africa

Eragrostis chalcantha var. *Neesii* K. Schum. Pflanzenwelt
Ostaf. C. 114. 1895.

"Usagara-Usambara; Seengebiet; Sulu-Natal-Madag."
Africa

Eragrostis chapellieri var. *vexillaris* Peter, Repert.
Sp. Nov. Fedde Beih. 40: (Anhang 100), pl. 57, fig.
2. 1930; 323. 1931.

"D O Afr.--Uji: bei Uji"

"Specimina authentica: Peter 36906"

East Africa

Eragrostis chapellieri (Kunth) Nees, Fl. Afr. Austr.
392. 1841,
[spelled chapellieri Nees, Peters Reise Mossamb. Bot.
560. 1864]

Based on "*Poa* Chapellieri Kunth."
Madagascar (Chapellier)

Eragrostis chariis (Schult.) Hitchc. Lingnan Sci.
Journ. 7: 193. 1931. [actual date of publication,
Lingnan Sci. Journ. 7. is 1929, but was not
issued until 1931.]

Based on *Poa chariis* Schult.
Man. U. S. India

Eragrostis chaunantha Pilger, Bot. Jahrb. Engler 40: 84
1907.

"Dr. L. Schultze n. 290."

Deutsch-Südwest-Afrika: Kalahari, zwischen Kokong
und Kang.
Africa

Eragrostis chilensis (Moris.) Nees, Nov. Act. Acad.
Caes. Leop. Carol. 19: Suppl. 1: 32. 1841; 164.
1843.

Based on *Poa chilensis* Moris.
ex seminibus e Chili missis a Bertero

Eragrostis chloromelas Steud. Syn. Fl. Glum. 1: 271.
1854.

Based on "*E. atrovirens* Nees....non Desf. Pr. b.
sp." [Cape Good Hope]

So. Africa

Eragrostis cilianensis (All.) Lutati, Malpighia
18: 386. 1904.

Based on "*Poa cilianensis* All."

Ciliana (Bellardi) Italy

See C. E. Hubbard, Philip. Journ. Sci. Bot. 8: 159-
161. 1913. C. E. Hubbard in letter to A.C.
1946 says that he would leave out Link and credit to
Lutati [Vign-Lut.] tenable name for *E. megastachya*.
Man. U. S.

Eragrostis cilianensis var. *leersoides* (Presl) Maire,
Cat. Plantes du Maroc IV: 935. 1941.

"Pant. V.N.H. Presl. N.F. 2: 15. 1872. Cited in
Maire & Weiller Fl. Afr. Nord. 2: 175. 1953.

Eragrostis cilianensis var. *major* (Host) Maire, Cat.
Plantes du Maroc IV: 935. 1941.

ssp. *major* (Rouy) Maire & Weiller, Fl. Afrique
Nord 2: 175. 1953 "*E. vulgaris* ssp. *major* Rouy, Fl.
Fr. 14: 262. 1913."

France

Eragrostis cilianensis ssp. *major* f. *megastachya* (Link)
Maire et Weiller, Fl. Afr. Nord 2: 175. 1953.

[*E. megastachya* Link, Hort. Berol. 1. p. 187 (1827)]

Eragrostis cilianensis ssp. *poaeoides* f. *minor* (Host)
Maire & Weiller, Flor. Afr. Nord. 2: 175. 1953.

"Type de la sous-espèce."

Eragrostis cilianensis ssp. *poaeoides* f. *minor* (Host.)
Maire & Weiller in Dubuis & Paurel, Bull. Soc. Hist.
Nat. Afr. Nord 48: 480. 1957. See 1953.

Libye--Oasis de Brak, dans l'Oued Chiat, Fezzan
(B. Pasquier).

Eragrostis cilianensis ssp. *poaeoides* f. *nana* (Trabut)
Maire & Weiller, Fl. Afr. Nord 2: 176. 1953.

Based on *E. megastachya* var. *nana* Trautb., Bull. Soc.
Bot. France 54: 24. 1907, nom. nud.

Eragrostis ciliaris (L.) R. Br. in Tukey, Narr. Exp.
Congo App. 478. 1818.

Based on *Poa ciliaris* L.

Same comb. made by Nees 1829.

Europe

Eragrostis ciliaris subsp. *bathiei* A. Camus, Bull. Soc.
Bot. France 101: 397. 1954.

Madagascar: "Île Europe---Perrier 13795; Île Juan de
Nova, Perrier 13,778; Îles Barren, Perrier."

Eragrostis ciliaris var. *brachystachya* Boiss. Fl.
Orient. 5: 582. 1884.

"Hab. in arenosis littoris Egyptiaco-Arabici inter
Kosseir et Ras Benass (Schv. 1091), Belutschia
(Stocks!)"

Arabia - Africa

Eragrostis ciliaris var. *clarkei* Stapf in Hook. f. Fl.
Brit. Ind. 7: 315. 1896.

"Delhi, Clarke."

India

Eragrostis ciliaris var. *compacta* Kuntze Rev. Gen.
Fl. 2: 774. 1891.

"Anam: Turong. Coochinchina."

Indo-China

Eragrostis ciliaris var. *compta* (Link) Schrad. ~~Fl.~~
Linnaea 12: 451. 1838.

Based on "*Poa compta* Lk."

[*Eragrostis compta*]

Montevideo

Eragrostis ciliaris var. *latifolia* Haack. Denks. Kaiß.
Akad. Wiss. Wien, Math-Naturw. Kl. 78: 403. 1905.

1125 Menyharth, "Im Tale auf Feldern, 1125"

Portuguese East Africa

Eragrostis ciliaris var. *laxa* Kuntze, Rev. Gen. Fl.
2: 774. 1891.

"St. Thomas, Barbados, Trinidad."

Man. W. I.

= *E. ciliaris* Man. U. S.

West Indies

Eragrostis ciliaris var. *patens* Chapm. ~~Beal~~ Grasses.
N. Amer. 2: 479. 1896.

Georgia, Curtis 3493.*

= *E. amabilis* L. Man. U. S.

Eragrostis ciliata (Roxb.) Nees, Agrost. Bras. 512.
1829.

Presumably based on "*Poa ciliata* Roxb." cited.

sub *Eragrostis plumosa*

[India]

Pectua ciliata Dec. in A. Braun, Ind. Sem. Hort. Berol.
4. 1857. \odot nom. nud.

Eragrostis ciliolata Jedw. Bot. Archiv Mez 5: 192.
1924.

"Australia, New-South-Wales, ad Narrabi (Maiden)."

Australia

Eragrostis cinnaeformis Schrad. Linnaea 12: 452. 1838.

"*Poa cinnaeform.* Horn. Hort. Hafn.--Patria ?"

Eragrostis Clelandii S. T. Blake, Trans. Roy. Soc.
South Austral. 67: 49. 1943.

"South Australia--Far North-west: Ooldea Soak, 17
August 1939, J. B. Cleland."

(BRI, Cl)--Queensland Herb., Brisbane, Cleland

Eragrostis coarctata Stapf in Hook. f. Fl. Brit. Ind.
7: 313. 1896.

"From the Upper Gangetic Plain, Moradabad, Thomson,
to Sikkim, Behar, Chittagong, Arracan and Burma,
Central Provinces & Chota Nagpore, Clarke."

India

Eragrostis coelachyrum Benth. in Hook. Icon. Fl. t.
1368. 1861.

Based on "*Coelachyrum brevifolium* Nees"

=

Egypt - Arab.

Eragrostis coerules Hillebr. ex Jedw. Bot. Archiv Mez
5: 213. 1924.

"*Insulae Sandwicensis*, Lanai (Hillebrand)."

= *E. mauiensis* Hitchc. 1922-see note p. 130.
Hawaiian Isls.

Eragrostis coerulescens Hillebr. Fl. Hawaii. 531. 1888,
as syn. of *E. mexicana* "Lanai" [Hillebrand]

= *E. mauiensis*
Hawaiian Isls.

Eragrostis cognata Steud. Syn. Fl. Glum. 1: 273. 1854.

"*P. capillaris*? Hrbr. Frank un. it. 1837.
Prioris [*E. unionis* Steud.] vix varietas. Ohio.
Am. sprt."

= *E. pectinacea* Man. U. S.

Eragrostis colletti Stapf, in Hook.f. Fl. Brit. Ind.
7: 326. 1896.

"Burma; Pinnoma, Abul Huk; Meiktalla, Collett."

= *Eragrostiella colletti* (Stapf) Bor
India

Eragrostis collina Trin. Mém. Acad. St. Pétersb. VI.
Math. Phys. Nat. 1: 413. 1830.

"*V. spp. Cauc. Pers.*"
Caucasus

Eragrostis collocarpa K. Schum. Pflanzenwelt.
Ostafrikas C. 114. 1895.

"Usagara - Usambara (Holst n. 54, 3228, 8923)."
[Tanganyika] Africa

Eragrostis comata Peter, Repert. Sp. Nov. Fedde Beih.
40: (Anhang 105), pl. 62, fig. 1. 1930; 328. 1931.

"D O Afr., Ujiji: Kigoma Machaso"
"Specimina authentica Peter 37006."
[Tanganyika]

Eragrostis compacta Salzm. ex Steud. Syn. Fl. Glum.
1: 275. 1854.

"(Hrbr. Bahiens. sub *Poa*)" -- Bahia,
Brazil

"*E. inconstans* Nees var. *Bahia*" cited.

Eragrostis comata Link, Hort. Berol. 1: 193. 1827.

"Hab. in Montevideo. Sello."
Uruguay

Eragrostis concinna (R. Br.) Steud. Syn. Fl. Glum.
1: 279. 1854.

Based on "*Poa concinna* R. Br."
Port Jackson (Hunter's River vel Coal River)
Australia

Eragrostis condensata (Presl) Steud. Syn. Fl. Glum.
1: 278. 1854.

Based on "*Megastachya condensata* Presl."
Mexico

Eragrostis conferta Trin. Mém. Acad. St. Pétersb. VI
Math. Phys. Nat. 1: 409. 1830.

"*Poa conferta* Ell.

= *E. glomerata* Man. U. S.
S. Carolina

Eragrostis confertiflora Black, Trans. & Proc. Roy.
Soc. South Austral. 55: 136. f. 2. 1931.

"instead of *E. interrupta* Beauv. var. *densiflora*
J. M. Black. In raising this variety to specific
rank it became necessary to change the varietal
name, because of the existence of *E. densiflora*
Rendle."

Australia

Eragrostis confinis Nees ex Steud. Syn. Fl. Glum.
1: 265. 1854.

"Ind. or."

Eragrostis congesta Oliver, Trans. Linn. Soc.
29: 175. 1875.

"Hab. Boggy ground near Kazeh, 5° S. lat.
(*Eragrostis* no. 3, App. Speke's Journ. 653),
Col. Grant!"

Trop. Africa

Eragrostis congesta var. *cephalantha* Peter, Repert.

Sp. Nov. Fedde Beih. 40: (Anhang 101), pl. 59,
fig. 2. 1930; 324, 1931.

"D O Afr., Turu: Itigi-Kitaraka"

"Specimina authentica: Peter 45743"
East Africa

Eragrostis congesta var. *elongata* Peter, Repert. Sp.
Nov. Fedde Beih. 40: (Anhang 101). 1930; 324, 1931.

"D O Afr., Uyansi: Tschaya Gstel. Kazikazi."

"Specimina authentica: Peter 34330."

East Africa

Eragrostis congesta var. *penicillata* Peter, Repert.

Sp. Nov. Fedde Beih. 40: (Anhang 101), pl. 59,
fig. 3. 1930; 324, 1931.

"D O Afr., Umbasteppe: Kalkhügel in der Gegend Msala"

"Specimina authentica Peter 13349"

East Africa

Eragrostis conradii Pilger in von Rosen, Wiss. Ergeb.
Schwed. Rhod.-Kongo Exped. 1: 212. 1915.

"Deutsch-Ostafrika: Neuwied-Ukerewe Leveessabi,
Buschsteppe, Conrad n. 303 T; Busisi-Tal, zwischen
Mecherenge und Fuchivoka...N. 1448]"

Africa Tanganyika

Eragrostis contigua Nees ex Jedw. Bot. Archiv Mez
5: 189. 1924.

Based on "*E. interrupta* var. *contigua* Nees" in herb.
Nees, nunc Berol.; [herbarium name, not published by
Nees]

"Australia-----Mitchell nr. 61."

Eragrostis contracta Pilger, Bot. Jahrb. Engler
37: 376. 1906.

"Peru: Depart. Ancachs, in provincia Cajabambo,
ad Chiquian... (Weberbauer n. 2841)" [First cited]

3025-----2663 also cited
U.S. U.S.

Eragrostis contristata Nees & Mey. ex Nees, Nov. Act.
Acad. Caes. Leop. Carol. 19: Suppl. 1: 31. 1841;
163. 1843.

[Neyen, Reis. Erd. 1: 484. 1834, nom. nud.]

"Ad lacum Titicacum Peruviae, Apr. 1831."
[Neyen, Coll.]

Eragrostis cordobensis Jedw. Bot. Archiv Mez 5: 208.
1924.

"Prov. Cordoba, prope urbem (Galandier nr. 54b)."
Argentina.

Eragrostis coromandelina (Koen.) Trin. Mém. Acad.
St. Pétersb. VI. Math. Phys. Nat. 1: 415. 1830.

Based on "*Poa coromandeliana* Koen. (auct. Swartzii)
et Roth." [Koen. author]

India

Eragrostis costata Turner, Proc. Linn. Soc. N. S.

Wales 30: 91. 1906 (for year 1905)
"Megastachya section"

"(Collected by Fred Turner)"

"Breeza Plains, Morris Creek, Namoi River and near
Tamworth, New South Wales."

Australia

Eragrostis crassa Jedw. Bot. Archiv Mez 5: 187. 1924.

"Brasilia, Minas Geraes, Sierra de Caraca (Mendoza
nr. 804, 1230), loco non indicato' (Sellow);
Argentina, ad San Ignacio (Niederlein nr. 380a)."

Eragrostis crassinervis Hackel in Schinz, Bull. Herb.
Boiss. 1: 774. 1901.

"Deutsch-Südwest-Afrika (Gross-Namaland): Inachab.
Dinter 1099."
Southwest Africa

Eragrostis cretacea Nees, Ann. Nat. Hist. 1: 284. 1838.

"Madras, Mr. Griffith."
India

Eragrostis cubensis Hitchc. Contr. Nat. Herb.
12: 243. 1909.

"Curtiss 420 (type U. S. National Herbarium no.
522037)."

"Isle of Pines" Cuba. type
Man. W. I.

Eragrostis cumingii Steud. Syn. Fl. Glum. 1: 266. 1854.

"Hrbr. Cuming nr. 672 et 1104. Ins. Philip."
Philippine Isl.

Eragrostis cumingii var. *kisarensis* P. Jansen,
Reinwardtia 2: 272. 1953.

Kisar (Lesser Sunda Is.), Bloembergen 3840 (type;
Herb. Bogor.)

Eragrostis cumingii var. *novoguineensis* P. Jansen,
Reinwardtia 2: 271. 1953.

New Guinea, on sandy places and savannaland at
low altitudes: Manosia, Carr 11105 (type; Herb. Lugd.
Bat.).

Eragrostis cumingii var. *rindjaniensis* P. Jansen,
Reinwardtia 2: 272. 1953.

Lombok. Mt. Rindjani, Elbert 1276 (type; Herb. Lugd.
Bot.)

Eragrostis curtispedicellata Buckl. Proc. Acad. Phila.
1862: 97. 1862.

"Northern Texas." [Buckley] Man. U. S.

Eragrostis curvula (Schrud.) Nees, Fl. Afr. Austr.
397. 1841.

Based on "*Poa curvula* Schrud."

Man. U. S.

Cape of Good Hope Africa

Eragrostis curvula var. *chalybea* Kuntze, Rev. Gen. Pl.
351. 1898.

"Capland: Aliwal-North. Oranjerivierstaat:
Bloemfontein."

South Africa

Eragrostis curvula var. *conferta* Nees, Fl. Afr. Austr.
398. 1841.

"in Tulbaghskloof, Tulbaghsthal, Winterhoek - et
Witzenberg montibus (Worcester) Ecklon...."

South Africa

Eragrostis curvula var. *decorans* Rendle, Cat. Afr. Pl.
Welwitsch. 244. 1899.

"Huilla....Plentiful on the margins of fields in the
Lopollo district....No. 2645." [Welwitsch Coll.]

Angola - Africa

Eragrostis curvula var. *livido-viridis* Kuntze, Rev.
Gen. Pl. 351. 1898.

"Capland: Modderriver-Station, Toiseriver-Station."
South Africa

Eragrostis curvula var. *pallida* Kuntze, Rev. Gen. Pl.
351. 1898.

Name printed "*Eragrostis curvula* γ *pallida* O.K.
(Schrud.)" [Schrader is author of *E. curvula* but
not of var. *pallida*.]

"Capland: Toiseriver Station, Natal: Durban."

So. Africa

Eragrostis curvula var. *valida* Stapf in Thiseit.-Dyer,
Fl. Cap. 7: 600. 1900.

"near Durban, Plant, 57!"

Natal, Africa

Eragrostis cuspidata (Roth) Link, Hort. Berol.
2: 293. 1833.

Based on *Poa cuspidata* Roth
Brazil (Prof. Mertens)

Eragrostis cylindrica (Roxb.) Nees in Hook. & Arn.
Bot. Beechey Voy. 251. 1838 (same comb. Steud.
1854)

Based on "*Poa cylindrica* Roxb."

Canton China

Eragrostis cylindriflora Hochst. Flora 38: 324. 1855.

"(in pll. abyss. anno 1852 a Schimpero lectis Hb.
Buch. nr. 772.)."

Schimper, Abyssinia
Africa

Eragrostis cylindriflora var. *gymnorrhachis* Schweinf.
Bull. Herb. Boiss. 2: App. 2: 40. 1894.

Aethiopien, Colonia Eritrea. Geleb, an Bache Amba
(1950 m.) und im obersten Thal des Lava (1400 m.)
1102, 1151, 1289, 1489, 1623, coll. 91."
[Schweinfurth, Coll.]

Africa

Eragrostis cylindrispica Rendle, Cat. Afr. Pl.
Welwitsch 2: 252. 1899.

"Huilla.--Plentiful in sandy pastures grown with
short thickets by edges of woods at Monino...
No. 7506." [Welwitsch]

Angola, Africa.

Eragrostis ? *cynosuroides* (Hetz.) Beauv. Ess. Agrost.
71, 162, 174. 1812.

Based on *Poa cynosuroides* Hetz.

= *Desmostachya bipinnata*

India

Eragrostis cyperoides (Thunb.) Beauv. Ess. Agrost.
71, 162, 174. 1812.

Based on *Poa cyperoides* Thunb.

Cape Good Hope, Africa (Thunberg)

Eragrostis dakarensis Chevalier, Bull. Mus. Hist. Nat.
(Paris) 20: 470. 1948.

Senegal: environs de Dakar et presqu'île du Cap, sur
le sable, au bord des petites mares desséchées.
Coll. A. Chev., janv.-fevr. 1945!

Central Africa

Eragrostis damiensiana Ed. Bonnet ex Thell. Repert.
Sp. Nov. Fedde 24: 323. 1928.

Based on *E. pilosa* var. *damiensiana* Bonnet.

[See Fernald, Rhodora 30: 155-157. 1928. Hold; *E.*
peregrina Wieg. valid, being earliest specific name]

= (*E. peregrina* Wiegand) = *E. multicaulis* Steud.
Man. U. S. France

Eragrostis damiensiana var. *condensata* (Hack.) Thell.
Repert. Sp. Nov. Fedde. 24: 328. 1928.

Based on *E. pilosa* var. *condensata* Hack.

Kneuck. Gram. Exs. No. 115.

Karlsruhe - Germany

Eragrostis damiensiana var. *condensata* Thellung in
Vivant, Bull. Soc. Bot. France 108: 44. 1961.

"à Bourg-sur-Gironde---au bord de la Garonne----

France

Eragrostis damiensiana var. *laxior* Thell. Repert. Sp.
Nov. Fedde 24: 327. 1928.

Poa (*Eragrostis*) *Furshii*...var. *Fisch. Mey. Lall.*

"Ich sah diese Form nur aus Ostasien und Brasilien,
aber nicht aus Europa, während Fischer, Meyer und
Lallemant aus den Europäischen Gärten beide Abarten
abgeben und sogar für die var. *laxior* einige
besondere Gattungen nennen."

Brazil; East Asia

Eragrostis deccanensis Bor, Grasses of Burma, Ceylon,
India and Pakistan 507. 1960.

South India. A common grass at the cattle farm Hosur.

Exsicc.--Narayanaswami 3027, Madras; Wallich 5015,
Madras.

Eragrostis decudua Hochst. Flora 38: 324. 1855.

"(in pll. abyss. anno 1852 a Schimpero lectis Hb.
Buchinger. nr. 770)."

Abyssinia, Schimper
Africa

Eragrostis decipiens (R. Br.) Steud. Syn. Fl. Glum.
1: 279. 1854.

Based on "*Poa decipiens* R. Br."

Australia

Eragrostis deflexa Hitchc. Mem. Bern. Pau. Bish. Mus.
8: 131. 1922.

"Type in the U. S. National Herbarium, no. 836465,
collected in open woods on hillside, Rd Waawaa,
Hawaii, Hawaiian islands, Aug. 30, 1916, by A. S.
Hitchcock (no. 14476)."

Eragrostis Dekindtii Pilger, Bot. Jahrb. Engler
40: 83. 1907.

"Dekindt n. 425."

"Huilla: Monnyino, auf Lichtungen um 1760 m ü M"
[Africa]

Angola, Africa

Eragrostis delicatula Trin. Mem. Acad. St. Pétersb. VI
Sci. Nat. 24: 73. 1836.

"V. spp. Bras. (in cultis prope Rio Jan.)."

Brazil

Eragrostis densa De Wild Bull. Jard. Bot. Brux. 6: 61.
pl. 3. 1919.

"Elisabethville....(J. Bequaert, n. 354)."

[Congo Africa]

Eragrostis densiflora Hack. ex Sodiro, Gram. Ecuador
Anal. Univ. Quito 1889: 9. 1889. Name only.

"Ambato, Latacunga, Peruchio" Ecuador.

Eragrostis densiflora Rendle, Cat. Afr. Pl. Welwitsch.
2: 244. 1899. "(non Hack.)" [but Hack. is
nom. nud.]

"Mossamedes.--Rather dry sandy places between the
fortified town of Mossamedes and Matados Carpintei-
ros;.....no. 2597." [Welwitsch coll.]

Angola - Africa

Eragrostis densissima Hack. Oesterr. Botan. Zeitsch.
52: 304. 1902.

[nom. nud. Sodiro, Gram. Ecuador Anal. Univ. Quito
1889: 9. 1889.]

"Ecuador: in regione temperata et subandina prope
Tumbaco etc. leg. Sodiro."
(Subg. *Pterocassa*)

= *E. tenax* in Gr. Andes but = *E. lehmannii* Pilger

Eragrostis denudata Hack. ex Schinz, Bull. Herb. Boiss.
3: 392. 1895.

"Transvaal: Boshveld, Klippan (Rehm. 5360)."

"aff. *E. chalcanthas* Trin."

Transvaal Africa

Eragrostis depallens Jedw. Bot. Archiv Mex 5: 207. 1924.

"Nova Caladonia, loco non indicato (Germain)."

New Caledonia

Eragrostis depauperata Anders. in Peters, Reise
Mossamb. Bot. 559. 1864.

"Standort: In sandigem Boden am Ufer des Zambeze
von Sena bis Tette, 17-18° S. B."

[Peters 1842-48. Mozambique]
from title

Mozambique, East Africa

Eragrostis deserticola Phil. Fl. Atao. 55. 1860.

"Circa Hueso parado 25° 26' lat. m. et 1200 p.s.m.
inveni."

Chile

Eragrostis desertorum Domin, Bibl. Bot. 85: 404. 1915.

"West-Queensland: dürre Hügel bei Clonourry (Domin,
II. 1910)."

Australia

Eragrostis despiciosa (Link) Schult. Mant. 2: 318.
1824.

Based on "*Poa despiciosa* Link"

Hab. unknown. No loc. given

Eragrostis devolvans Gandog. Bull. Soc. Bot. France
66: 300. 1920.

"Abyssinia ad Dechelscheramma (Schimper Abyss.
ed. II an. 1852i)"

Africa

Eragrostis diandra (R. Br.) Steud. Syn. Fl. Glum.
1: 279. 1854.

Based on "*Poa diandra* R. Br."

Portum Jackson Australia

Eragrostis diandra Roxb. ex Boiss. Fl. Orient. 5: 584.
1884, as syn. *E. nutans* Retz. Not Steud. 1854.

Asia

Eragrostis diandra var. *Gillivrayi* Domin, Bibl. Bot.
85: 399. 1915.

"Queensland: Port Curtis (John Mac Gillivray, XI.
1847)."

Australia

Eragrostis diarrhena (Schult.) Steud. Syn. Fl. Glum.
1: 266. 1854.

Based on "*Poa diarrhena* Schult."

Bengal India

Eragrostis diarrhena var. *koenigii* (Kunth) C.E.C.
Fisch. in Gamble, Fl. Pres. Madras 10: 1826. 1934.

Based on *E. interrupta* var. *koenigii* (Kunth) Stapf.
This based on *Poa koenigii* Kunth.

India

Eragrostis dielsii Pilger. in Diels & E. Fritzel, Bot.
Jahrb. Engler 35: 76. 1904.

"Hab. in distr. Austin littoral pr. Carnarvon in
solo arenoso-argilloso flor. m. Aug. (D. [diels]
3635)."

West Australia

Eragrostis Dielsii var. *intercedens* Domin, Bibl. Bot.
85: 392. 1915.

"South-Australia: Vicinity of Lake Eyre (Andrews
sub no. 9)."

Eragrostis dielsii var. *pritzelii* Pilger, Bot. Jahrb.
Engler 35: 76. 1904.

"Hab. in distr. Avon pr. Wyola in apertis subnitro-
sis (E. Fritzel Fl. Austr. ooc. n. 819)."

West Australia

Eragrostis Dielsii var. *solurus* Domin, Bibl. Bot.
85: 392. 1915.

"N. S. Wales: im Innern am Darling River (Mrs.
Forde)."

Australia

Eragrostis Dieterlenii Hack. Repert. Sp. Nov. Fedde
8: 522. 1910. "(Seot. *Cataclastus*)"

"Basutoland prope Leribé, leg. Dieterlen ann. 1907,
no. 779."

Africa

Eragrostis diffusa Buokl. Proc. Acad. Phila. 1862:
97. 1862.

"Northern Texas." [Buckley] Man. U. S.

Eragrostis Dinteri Stapf, Kew Bull. Misc. Inf.
1906: 29. 1906.

"Dinter 484," Hereroland. German S. W. Africa

Eragrostis Dinteri Stapf misappl. by Matt. Ist. Bot.
Palermo Contr. Biol. Veg. 4: 228. 1909.

"raccolti dal Senni all'Asmara nel 1906."

[Eritrea, Africa]

Eragrostis diomedearum Trin. Mém. Acad. St. Pétersb. VI
Math. Phys. Nat. 1: 412. 1830.

"ex Albatros-eiland"

[a small island of Bass Strait, Australia, Lat. 40°
22' S.; long. 144° 39' E.--Lippincott Gaz.]

Eragrostis diplachnoides Steud. Syn. Fl. Glum. 1: 268.
1854.

"*Diplachne poseiformis* Hochst. Hrbr. nubie. un. it.
nr. 346. Nubia."

Africa

Eragrostis diplostachya Peter, Repert. Sp. Nov. Fedde
(Beih.) 40: (Anhang 100), pl. 58, fig. 1. 1930;
322. 1931.

"D O Afr., S[üd] Pare: Pari südl. Buike"

"Specimina authentica Peter 11083"

Aff. *E. bipinnata*

East Africa

Eragrostis distans Hack. [Publ.] Bur. Gov. Lab.
Philippine Isl. 35: 81. 1906.
[Issued Jan. 17, 1906]

"Kias, Benguet, Luzon (6608, Elmer) June, 1904."

Philippine Isl.

Eragrostis diversiflora Vasey, Contr. U. S. Nat. Herb.
1: 285. 1893.

"Collected at Manzanillo (No. 1335) by Dr. Edward
Palmer, March 2 to 18, 1891."

Mex. Gr.

Mexico

Eragrostis dolichostachya Peter, Repert. Sp. Nov. Fedde
(Beih.) 40: Anhang, 112. pl. 67. fig. 1. 1930;
Beih. 40: 339. 1936.

"D O Afr. Ujiji: km. 1245, 3 östlich von Kigoma,
800-850 "II Peter 46198"

[Tanganyika]

Eragrostis domingensis (Pers.) Steud. Syn. Fl. Glum.
1: 278. 1854.

Poa domingensis Pers.

= *E. prolifera* Man. W. I.

St. Domingo (Poiteau)

Eragrostis dumasiana Chevalier, Bull. Mus. Hist. Nat.
(Paris) 20: 472. 1948.

Soudan français: Balandougou, dans le cercle de
Siguiri (Chevalier, no. 309), 6 février 1899.

Central Africa

Eragrostis dura Stapf in Thiseit.-Dyer, Fl. Cap.
7: 609. 1900.

"Kalahari Region: Bechuanaland; between Kuruman and
Matlaseen River, Burchell, 2190!"

So. Africa

Eragrostis echinochloidea Stapf in Thiseit.-Dyer,
Fl. Cap. 7: 627. 1900.

"Kalahari Region: Orange Free State; between
Kimberley and Bloemfontein, Buchanan 284!"

So. Africa

Eragrostis Eichingeri Pilger, Bot. Jahrb. Engler
48: 345. Aug. 1912.

"Deutsch-Ostafrika: Hochweiden von Manga (Zimmer-
mann et Eichinger in Herb. Amani, n. 3225.-
Fruchtend im Oktober 1910); Kondea Irangi (Schell-
haase in Herb. Amani, n. 3122.-Blühend 1910."

Tanganyika--Africa

Eragrostis ekmanii Hitchc. U. S. Dept. Agr. Misc.
Publ. 243: 43. f. 22. 1936.

"Type in the U. S. Nat. Herb. no. 1387320, collected
in sandy pinelands, Los Indios, Isla de Pinos, Nov.
8, 1920, by E. L. Ekman (no. 12143)."

Isla de Pinos, W. I.

Eragrostis elata Munro ex Ficalho & Hiern, Trans.
Linn. Soc. Ser. II. 2: 32. 1881.

Africa

Collected by "Serpa Pinto. no. 32."

[along upper course of the river Ninda, an affluent
of the Zambesi on west side of high plateau]

Angola - Africa

Eragrostis elatior Stapf in Thiseit.-Dyer, Fl. Cap.
7: 617. 1900.

"Coast Region: Cape Div.; Cape Flats, near Doorn
Hoogte, Zeyher, 1839 Paarl Div.; by the Berg River
near Paarl, Drège!"

South Africa

Eragrostis elatior Hack. Repert. Sp. Nov. Fedde
7: 374. 1909. Not Stapf 1900.
(changed to *E. hackelii* Hassler ex Hack. 1910)

"Paraguay: Sierra de Amambay, ad margines silvarum,
April 1908; Hassler no. 10380, leg. Rojas."

Eragrostis elatior var. *Burchellii* Stapf in Thiseit.-
Dyer, Fl. Cap. 7: 618. 1900.

"Swellendam Div.; right bank of the Zonder Einde
River, Burchell, 7516!" Africa

So. Africa

Eragrostis elegans Nees, Agrost. Bras. 608. 1829.

Cites: "*Poa brasiliensis* Spr." Not Raddi

"Habitat in arenosis ad littus fluminis Amazonum, provinciae Paraensis."

Brazil

Eragrostis elegans var. *laxiflora* Arech. Anal. Mus.

Nao. Montevid. 1: 444. 1896.

"Los ejemplares del Herbario del Museo proceden de las orillas del Uruguay parte occidental, frente al Salto."

"*Poa brasiliensis* Sprengel Syst. I. 342." cited described by Arech.

Eragrostis elegans var. *parviflora* Arech. Anal. Mus.

Nao. Montevid. 1: 444. 1896.

Poa interrupta Koenig. in Roxb. Ind. 1: 337.

Poa Keenigii Kunth, Enum. 1: 346. no 136. cited India

Eragrostis elegantissima Chiov. in Ann. Ist. Bot.

Roma 8: 367. 1908.

"Beni Amer.: Carajai (P. n. 7146)."
[P. = Pappi]

East Africa

Eragrostis elegantula Nees ex Miquel, Anal. Bot. Ind.

2: 27. 1851; Verh. Nederl. Inst. III. 4: 39. 1851.

India

"(Wight Catalog. n. 1781)."

Eragrostis elegantula (Kunth) Nees ex Steud. Syn. Fl.

Glum. 1: 266. 1854. Not Nees, 1851.

Based on "*Poa elegantula* Kunth."

India

Eragrostis Elisabethae Peter, Abh. Ges. Wiss. Göttingen

Math. Phys. Kl. N. F. 13²: 46. 1928.

D. O. Afr., Urundi: Vigeni Murutoke
"Specimina authentica: Peter 38039." [Peter, Repert.
Sp. Nov. Fedde Beih. 40: Anhang, 103. 1930.]

West Africa

Eragrostis elliottii (Ell.) S. Wats. Proc. Amer. Acad.

25: 140. 1890.

Based on *Poa nitida* Ell. Not Lam. Man. U. S.

Paris Island [South Car.]

Eragrostis elongata (Willd.) Jacq. Eclog. Gram.

pl. 3. 1813.

Based on *Poa elongata* Willd.

India

Eragrostis elongata var. *brachyolades* Domin, Bibl.

Bot. 85: 400. 1915.

"*Poa polymorpha* R. Br." cited, but not basis.

"Queensland: Castle Hill bei Townsville (Domin II. 1910); Savannenwälder bei Mareeba (Domin, II. 1910); auf felsigen Hügeln bei Yarraba (Domin, I. 1910) minder typisch."
[not typical]

Australia

Eragrostis elongata var. *festuoides* Domin, Bibl. Bot.

85: 400. 1915.

"Nordost-Queensland: bei Atherton (Domin, II. 1910)."

Australia

Eragrostis elongata var. *patula* Camus Det. Syst.

Finet 2: 228. 1912.

"*E. bahiensis* Hance: Minh-binh, Kien-khé, no. 2296 [Bon]."

Tonkin - Indo-China

Eragrostis elongato-compressa De Wild. Bull. Jard.

Bot. Brux. 6: 62. pl. 1. 1919.

"Katanga 1911 (Hombé, n. 6)."

[Congo, Africa]

Eragrostis elytrolephara Steud. Syn. Fl. Glum.

1: 280. 1854.

"Hrbr. Urville sine loco natali. Variet?....
Jardin legit in Taiti."

Tahiti - Society Isls.

Eragrostis emarginata Hack. ex Schinz. in Verh. Bot.

Ver. Brand. 30: 238. 1888.

= *E. porosa*

"Standort: Gress-Namaland: zwischen 1 Ausis und 1 Klias (Schenck no. 82); Keetmanshoop (Schinz)."

[Type not found]

German S. W. Africa

Eragrostis emsonii C. E. Hubb. Kew Bull. Misc. Inf.

1949: 347. 1949.

Tanganyika Territory: Iringa Province: Iringa, *Emson* 436 (Type).

Africa

Eragrostis enodis Hack. ex Schinz, Verh. Bot. Ver.

Brand. 30: 148. 1888.

"Standort: Angra Pequena, auf der Nautiluspitze."

Type not found

Southwest Africa

Eragrostis equitans Trin. Mém. Acad. St. Pétersb. VI.

Math. Phys. Nat. 1: 413. 1830.

"*V. spp.* ex Ins. Vahu."

Hawaiian Isls.

Eragrostis eragrostis (L.) Beauv. Ess. Agrost. 71, 174.

pl. 14, f. 11. 1812.

Same comb. made by Karst. Deutsche. Fl. 389. 1880.

Based on *Poa eragrostis* L.

= *Eragrostis poaeoides* Man. U. S.

Italy

Type species

Eragrostis eragrostis (L.) Mac. M. Met. Minn. Vall.

75. 1892. Not Beauv. 1812.

Same comb. made by Blatter & McCann, Journ. Bombay Nat. Hist. Soc. 33: 492. 1929.

Based on "*Briza eragrostis* L.

= *E. cilianensis* Man. U. S.

Europe

Eragrostis eragrostis subv. *leersioides* (Presl)

Farwell, Amer. Midl. Nat. 10: 306. 1927.

Based on [*Megastachya leersioides* Presl] misapplied to *Eragrostis cilianensis* by Farwell.

Man. U. S. Not in U. S.

[Sicily]

Eragrostis eragrostis var. *megastachya* (Koeler)

Farwell, Mich. Acad. Sci. Rep. 17: 182. 1916.

Based on *Poa megastachya* Koel.

= *E. cilianensis*

Man. U.S.

Europe

Eragrostis eragrostis var. *megastachya* subv.

Leersioides (Presl) Farwell, Amer. Midl. Nat.

10: 204. 1927.

Megastachya Leersioides Presl misapplied to *E. cilianensis* by Farwell

Italy

Eragrostis eragrostis var. *microstachya* (Coss. & Germ.)

Farwell, Amer. Midl. Nat. 10: 306. 1927.

Based on *E. vulgaris* var. *microstachya* Coss. & Germ.

= *E. poaeoides* Man. U. S.

Italy

Eragrostis eriopoda Benth. Fl. Austral. 7: 648. 1878.

"N. Australia. Cygnet Bay, N. W. coast, A. Cunningham; Dampier's Archipelago, Walcott."

Australia

Eragrostis eriopoda var. *curvispicula* Domin, Bibl.

Bot. 85: 405. 1915.

"West-Queensland: bei Cloncurry (Domin, II. 1910)."

Eragrostis eriopoda var. *laniflora* (Benth.) Black,

Flora South Australia 79. 1922.

Based on *E. laniflora* Benth.

Australia

Eragrostis erosa Scribn. in Beal, Grasses N. Amer.

2: 483. 1896.

Mexico, Chihuahua, Fringle 415

Man. U. S.

Eragrostis erythrogona Nees in Steud. Syn. Fl. Glum.

1: 273. 1854.

Man. U. S.

St. Louis, Drummond

Eragrostis eucampta Pilger, Bot. Jahrb. Engler

70: 346, fig. 1939.

"Brasilien: São Paulo (Sellow). Das einzige Exemplar des Berliner Herbars trägt die Nummer Sellow no. 5533; unter der gleichen Nummer liegt *E. solida* Nees."

Brazil

Eragrostis euchrea Steud. Syn. Fl. Glum. 1: 267. 1854.

"Hrbr. Cuming no. 2420. *E. rubens* Hochst. in Honnkr. Hrbr. Ind. nr. 133, nec: *Poa rubens* Lam."

Japan; Java

Eragrostis exasperata Peter, Repert. Sp. Nov. Fedde

Beih. 40: (Anhang 108), pl. 64, fig. 1. 1930;

331. 1931.

"D O Afr., O[st] Usambara: Munga Hochweiden, Berg über dem Dorf Sengerawe..."

"specimina authentica Peter 23568

East Africa

Eragrostis excolsa Griseb. Cat. Fl. Cub. 227. 1866.

"Cuba oco. (Wr. 3425)." Wright
Man. W. I.

Eragrostis eximia Steud. Syn. Fl. Glum. 1: 279. 1854.

"Urville legit in N. Holl. N. Zeelandia."
Australia, New Zealand

Eragrostis expansa Link, Hort. Berol. 1: 190. 1827.

"Hab. in Montevideo. Sellow."
Uruguay

Eragrostis falcata (Gaudich.) Gaudich, ex Steud. Nem.
Bot. 2. 1: 563. 1840.

Based on *Poa falcata* Gaudich. in Frey. Voy. Bot.
408. pl. 25. 1830.

---"(baie des Chiens-Marins)
Australia

Eragrostis falcata var. *piligera* Damin, Bibl. Bot.
85: 393. 1915.

"Queensland: bei Barcoaldine (Domin, III. 1910)."
Australia

Eragrostis fascicularis Trin. Mém. Acad. St. Pétersb.
VI. Math. Phys. Nat. 1: 403. 1830.

"V. spp. e Congo. (herb. Hornem.)."
trop. Africa

Eragrostis fasciculata Peter, Repert. Sp. Nov. Fedde
(Beih.) 40: (Anhang 101). 1930: 326. 1931.

"D O Afr., N Pare: Lembeni B[er]g Kailiim
Suoculentenpori"

"Specimina authentica Peter 41625."
East Africa

Eragrostis fasciculata var. *stenophylla* Peter, Repert.
Sp. Nov. Fedde (Beih.) 40: (Anhang 102), pl. 59,
fig. 1. 1930: 326. 1931.

"D O Afr., Usaramo: ...am Strande daselbst"
"Specimina authentica: Peter 31281"
East Africa

Eragrostis Fauriei Chwi, Bot. Mag. Tokyo 55: 278.
1941.

"Hab. Formosa (in montibus Shinten, leg. U. Faurie
n. 153)."

Eragrostis fendleriana Steud. Syn. Fl. Glum. 1: 278.
1854.

"Fendler hrbr. nr. 932. Mexico." [New Mexico]
= *Poa fendleriana* Man. U. S.

Eragrostis ferruginea (Thunb.) Beauv. Ess. Agrost.
71, 162, 174. [queried] 1812.

Based on *Poa ferruginea* Thunb.
Japan

Eragrostis ferruginea var. *atrata* Hack. ex Hand.-Mazz.
Symb. Sinicae 75: 1282. 1936.

"Yunnan... von Yunnanfu und Dungschwan (Maire) und
distr. Bonati 804, 815."
China

Eragrostis ferruginea f. *viridis* Honda, Bot. Mag.
Tokyo 51: 95. 1937.

"spiculae viridis" only description.

"Honsyd---(T. Osaka 26 in 1936)---Z. Yosino no. 3
anno 1925 - typus in Herb. Imp. Univ. Tokyo)---
Sikoku---(S. Okubo, no. 226 in 1888)."

Eragrostis ferruginea var. *yunnanensis* Keng, Claves
gram. prim. Sinicarum 178. 1957. nom. nud.

China

Eragrostis filiformis Link, Hort. Berol. 1: 191. 1827.

"Hab. in America boreali."

Basis of *E. linkii* Steud.

= *E. pilosa* Man. U. S.

Eragrostis filiformis (Thunb.) Nees, Linnaea 7: 330.
1832. Not Link 1827.

Based on *Poa filiformis* Thunb.

Cape Good Hope (Thunberg) Africa

Eragrostis filiformis var. *conferta* (Nees) Thell.

Mem. Soc. Sci. Nat. Math. Cherbourg 38: 118. 1912.

Based on "*E. ourvula* var. *conferta* Nees"

Worcester, So. Africa. Eklon

Eragrostis firma Trin. Mém. Acad. St. Pétersb. VI.

Sci. Nat. 2¹: 74. 1836.

"V. spp. Bras."

Eragrostis floccida Lindm. Kongl. Sv. Vet. Akademiens
Handlingar. Bd. 34⁶: 17. 1900. pl. 9. A.

"Hab. in Brasilia austr.,Exp. 1. Regnell.
A, 613."

Paraguay....Exp. 1. Regnell. A, 2301;
Balansa 241."

Eragrostis flamigni De Wild. Bull. Jard. Bot. Brux.
6: 63, pl. 1. 1919.

"KitobelaFlamigni, n. 164)."

[Congo Africa]

Eragrostis flavescens Presl, Rel. Haenk. 1: 278. 1830.

"Hab. in Mexico." Haenke see T = ?

Eragrostis flavioans Welw. in Rendle, Cat. Afr. Fl.
Welw. 2: 253. 1899.

"Pungo Andongo....No. 2735....2734....2818."
[Welwitsch]

Angola Africa

Eragrostis fleuryi Chevalier, Bull. Mus. Hist. Nat.
(Paris) 20: 471. 1948.

Guinée française: entre Diankore et Balandougou,
vers 1.000 m. alt. sur le terrain noir recouvrant
les bowals (Chev., no. 25882), coll. 24 mai 1912.
Espèce dédiée à mon excellent compagnon d'Afrique
Francois Fleury.

Central Africa

Eragrostis flexuosa (Roxb.) Steud. Syn. Fl. Glum.
1: 266. 1854.

Based on "*Poa flexuosa* Roxb."

India

Eragrostis floccosa Hack. ex Jedw. Bot. Archiv. Mez
5: 203. 1924.

"Transvaal, Houtbosh (Rehmann nr. 5696)."

Africa

Eragrostis ? floribunda Schrad. ex Schult. Mant.
2: 319. 1824.

"*Poa floribunda* Schrad. M. S." cited.

"In Brasilia Princeps. Sereniss. Maximil.
Neowidensis. 4'."

Eragrostis floridana Hitchc. in Amer. Journ. Bot.
2: 308. 1915.

"Type in the U. S. National Herbarium, no. 726520,
collected in dry pine woods near Tampa, Florida,
March, by A. H. Curtiss (no. 3494*)"

= *E. trichocolea* Hack. Man. U. S.

Eragrostis fluviatilis Chevalier, Bull. Mus. Hist.
Nat. (Paris) 20: 472. 1948.

Soudan français: rapides du Niger en amont de Bamako
vers Quignola, Chev., no. 254, 21 janvier 1899.
Basse-Côte d'Ivoire: lit du Bandama, près Tiassale,
dans les rochers submergés une partie de l'année et
sur les bancs de sable. Coll. Chev., février 1948!

Central Africa

Eragrostis formosana Hayata, Bot. Mag. Tokyo 21: 53.
1907.

"leg. G. Nakahara....(No. 208)"

Nankai, Formosa

Eragrostis Fosbergii Whitney, Oocas. Papers Bishop
Mus. 13: 75. f. 1. 1937.

"Oahu: Waianae Mountains, east slope of Mount Kaala,
in dry forest, alt. 2,400 ft., Jan. 8, 1933, F. B.
Fosberg 9085 (type, Bishop Museum)."

Hawaiian Isls.

Eragrostis fragilis Swallen, Fieldiana. 28: 18. 1951.

Type in U. S. Nat. Herb., No. 1911657, collected on
Oran Sabana, between Kun and Uadua-pard, in valley
of Rio Kukuén, south of Mount Roraima, state of
Bolívar, Venezuela, alt. 1065-1220 m., Oct. 1, 1944,
Julian A. Steyermark 59062.

Venezuela

Eragrostis frankii C. A. Meyer, Steud. Syn. Fl. Glum.
1: 273. 1854.

"C. A. Meyer (Ind. sem. H. Petrop. sub nr. 2454.)"
cited.

Man. U. S. Ohio

Eragrostis frankii var. *brevipes* Fassett, Rhodora
34: 95. 1932.

"Wisconsin: mud-flats, Mississippi River bottoms,
Glenhaven, Sept. 9, 1930, Fassett no. 12899 (Type
in Herb. Univ. of Wis.)."

Man. U. S.

Eragrostis frederici Rendle, Cat. Afr. Fl. Welwitsch.
2: 246. 1899.

"Huilla.--In wooded meadows near Lepollo....
No. 2631." [Welwitsch]

Angola Africa

Eragrostis Friesii Pilger in von Rosen, Wiss. Ergeb.
Schwed. Rhod.-Kongo Exped. 1: 212. 1915.

"Nordost-Rhodesia am Bangweelo-See bei Kamindas...
n. 957)." Africa

Eragrostis fruticosa Jedw. Bot. Archiv Mez 5: 188. 1924.

"Arabia australis, El Hami prope Soheber (Schwein-furth Exped. Biebeck nr. 208).
U.S.Hb.

Eragrostis fumigata Peter, Repert. Sp. Nov. Pedde (Beih. 40: (Anhang 109), pl. 64, fig. 3. 1930: 332. 1931.

"D O Afr. Uha:kwa Bikare Mkigo"

"Specimina authentica Peter 38772"

Not *E. volkensii*

East Africa

Eragrostis Galpinii Stent, Bothalia 1: 176. pl. 4. 1922.

"Mosdene, naboomspruit; Waterberg, Galpin 456."

Transvaal--Africa

Eragrostis gangetica (Roxb.) Steud. Syn. Fl. Glum. 1: 266. 1854.

Based on *Poa gangetica* Roxb.

Banks of Ganges. India

Eragrostis geniculata Nees & Mey. Nov. Act. Acad. Caes. Leop. Carol. 19: Suppl. 1: 71. 1841; 203. 1843.

"In Promontorio Syng-Moon"

China

Eragrostis geniculata (Dur.) Dur. Expl. So. Alger. 150. 1854-67. Not Nees & Mey. 1841.

Based on *Poa geniculata* Dur.

Algeria - Africa

Eragrostis georgi Chevalier, Bull. Mus. Hist. Nat. (Paris) 20: 471. 1948.

Gabon: Mayombe bayaka rapides de la Nyanga, entre Liganda et Digoungou. Georges Le Testu, No. 1597, 18 aout 1910.

Central Africa

Eragrostis geyeri Steud. Syn. Fl. Glum. 1: 272. 1854.

Based on "*Poa pectinacea* Geyer hrbr. *Illinois*"

= *E. spectabilis* Man. U. S.

Eragrostis gigantea Trin. Mém. Acad. St. Pétersb. VI. Math. Phys. Nat. 1: 403. 1830.

"V. sp. Doming."

= *E. domingensis* Man. W. I.

Eragrostis glabrata Nees, Linnaea 7: 332. 1832.

"Patria Caput bonae Spei."

Cape Good Hope, Africa

Eragrostis glandulosa L. H. Harvey, Univ. Microfilms Publ. 967: 106. 1948; Bull. Torrey Club 81: 406. 1954.

1948 "Specimen typicum legit Xnez Mexia n. 8774. (U.S. 1,724,746) ad altitudinem 312 m. in litore fluminis prope locum "Barranca de la Suriana, Sierra Madre del Sur, north of Rio Balsas, Temisco, Distrito Adama, Guerrero".

Mexico

1954 same

Eragrostis glandulosipedata de Winter, Bothalia 7: 469. 1961.

Transvaal.--Potgietersrus: Boedtan, Barendburg s.n.; Singapore Cash Store, Grass Valley, de Winter 2332 (holotype, PBE, isotype, K, BM, M, B, SROH, EA, Bol); Boedtan, de Winter 2224; Boedtan, de Winter 2290.

South West Africa.--Grootfontein: Awagobib, Volk A.11; Asis, Volk A60, 656; Hairabib, Volk 504; Auros, Volk 616, 633, (635); Ossa, Volk 669; 23.5m. E. of Otavi on rd. to Grootfontein, de Winter 2865; Rietfontein, Schweickardt 2091; Kamkamas, Kinges 2797; Auros, Schonfelder S563; Okahandja: Teufelsbach, de Winter 2694; Okakuja, Grossarth s.n. Tsemub: Etoska Pan, de Winter 2965; between Tsemub and Namutoni, de Winter 2950. Outjo: Gainsatz, Volk 2670. Kenya.--Nairobi, Bogdan A.B. 3119 (K).
O

Eragrostis Glanvillei C. E. Hubb. in Hutch. & Dalziel, Fl. West Trop. Afr. 2: 516. 1936, English descr. only; Kew Bull. Misc. Inf. 1936: 312. 1936, Latin descr.

"Sierra Leone: near Kayih! N. Nigeria: Naraguta! Exsicc. Glanville 426." (type)

Eragrostis glareosa Trin. Mém. Acad. St. Pétersb. VI. Math. Phys. Nat. 1: 406. 1830.

"V. spp. Bras. (in glareosis, Barra de Jiquitiba."

Brazil

Eragrostis gloeodes Elman, Arkiv. Bot. Svensk. vet. akad. 107: 38, pl. 4, 6. 1911.

"Prov. Matto Grosso, Porto Martinho....legit O. O. Malmé, 2. 1. 03, sub numero 2784 Exp. II Regn."

Brazil

Eragrostis glomerata (Walt.) L. H. Dewey, Contr. U. S. Nat. Herb. 2: 543. 1894.

Based on "*Poa glomerata* Walt."

Man. U. S.

South Carolina

Eragrostis glumacea Fourn. ex Hemsl. Biol. Centr. Amer. Bot. 3: 573. 1885, nom. nud.; Fourn. Mex. Fl. 2: 117. 1886.

Vera Cruz, agosto (Gouin n. 78 & 86).

Mexico

Eragrostis glumacea var. *pauciflora* Fourn. Mex. Fl. 2: 117. 1886, nom. nud.

"Vera Cruz....(Gouin n. 83)

Eragrostis glutinosa (Sw.) Trin. Mém. Acad. St. Pétersb. VI. Math. Phys. Nat. 1: 397. 1830.

Based on "*Poa glutinosa* Sw! B. et S."

Man. W. I.

Jamaica

Eragrostis gracilis Schrad. Linnaea 12: 451. 1838.

"*Poa chilensis* H. Par. nom Marisii....

Chile"

Eragrostis gracilis Velenovsky, Rel. Mrkvič. 30. 1922. Not Schrad. 1838.

Ad Kukleny in Bulgaria a 1920 leg. V. Stribny.

Eragrostis gracilis Peter, Abh. Ges. Wiss. Göttingen Math. Phys. Kl. N. F. 13²: 109. 1928, nom. nud. Not Schrad., 1838, nor Velenovsky, 1922.

In: Bot. Jahrb. Engler 68: 139. 1937, Peter refers this to *E. stenosoma* Peter

Eragrostis gracillima Hackel in Schinz. Bull. Herb. II. 1: 775. 1901.

"Sudost-Afrika: Boruma am Sambesi, Menyharch," S. Africa

Eragrostis grandiflora J. O. Smith & Bush. Rep. Mo. Bot. Gard. 6: 117. pl. 55. 1895.

"Sapulpa, Indian Territory, Oct. 1, 1894--B.F. Bush. = *E. pilifera* Scheele Man. U. S.

Eragrostis grandis Hilleb. Fl. Hawaiian Islds. 528. 1888.

"High mountains of Molokai! E. and W. Maui!"

"Ins. Sandwich"

Eragrostis grandis var. *eligantha* Hillebr. Fl. Haw. Isl. 528. 1888.

"Molekai! pali of Waikolu."

Hawaiian Isls.

Eragrostis grandis var. *polyantha* Hillebr. Fl. Haw. Isl. 528. 1888.

"Molekai!"

Hawaiian Isls.

Eragrostis guianensis Hitchc. Contr. U. S. Nat. Herb. 22: 454. fig. 78. 1922.

"Type in the U. S. National Herbarium no. 1,039,337, collected at Kwaimatta, Rupununi River, southern British Guiana, Oct. 1888, by G. S. Jenman (no. 5970)."

Eragrostis guineensis Trin. Mém. Acad. St. Pétersb. VI. Math. Phys. Nat. 1: 404., in nota appended to *E. fascicularis* Trin. 1830.

"(herb. Hornem.)" [presumably Guinea. Afr.]

Eragrostis guingensis Rendle, Cat. Afr. Fl. Welw. 2¹: 254. 1899.

"Pungo Andongo....Nos. 7407, 7414. No. 2865 (no notes)." [Welwitsch]

Angola Africa

Eragrostis guingensis var. *egregia* Rendle, Cat. Afr. Fl. Welw. 2¹: 254. 1899.

"Pungo Andongo....growing caespitously in the rocks of Pedros de Guinga and near Calundo....No. 2759." [Welwitsch]

Angola, Africa

Eragrostis gumiflua Nees, Fl. Afr. Austr. 393. 1841.

"ad flumen Zwartkopsrivier iuxta praedium Pauli Maré....et in ipso huius fluminis alveo confragose cum *Leersia oryzoides* (Vitenhage), Eoklon; ad Zwartkey fluvium in planitie graminosa....in ripa Key et Basche fluviorum...(Drège)."

Cape Colony Africa

Eragrostis gymnorachis (Schweinf.) Chiov. in Chiarugi,
Webbia 8: 104. 1951 in obs.

"[*E. cylindriflora* var. *gymnorachis*.]"

Eragrostis habrantha Rendle, Cat. Afr. Welw. 2^v: 246.
1899.

"Huilla.--In thicket-grown fields, no longer culti-
vated, near Lopollo; ...No. 7493." [Welwitsch]
Angola Africa

Eragrostis hackeliana Borm. & Kneuck. Repert. Sp.
Nov. Fedde 10: 381. 1912. Not *Hackelii* Hassler
1910.

[Changed to *E. Kneuckeri* Hack. & Borm. 1912.]

"Palastina: Jaffa, ad Sarcina in humidiusculis (2.
VI. 1904, leg. A. Kneucker), et ibidem in Wadi Rubin
in arenosis maritimis (20. IX. 1911; leg. Dinsmore."

Asia

Eragrostis Hackelii Hassler in Hack. Rep. Sp. Nov.
Fedde 8: 47. 1910.

"= *E. elatior* Hack. in Novit. paraguay., III, no.
57, Fedde, Repert. VII, p. 375, nom. mutand. nob.
E. elatiorem Stapf in Dyer. Flor. Cap. 6, 617. 1900
Paraguay: Sierra de Amambay Hassler 10380, leg.
Rojas.

Eragrostis Haenkei Presl, Rel. Haenk. 1: 279. 1832.
Hab. in Mexico Haenke [in Types]

Eragrostis hagerupii Hitchc. Proc. Biol. Soc. Washing-
ton 43: 92. 1930.

"Type in the U. S. National Herbarium, No. 1,445,577
collected near mangroves, at Lagos, Nigeria, Dec.
16, 1927, by O. Hagerup (no. 784)."

Africa

Eragrostis halophila Chevalier, Bull. Mus. Hist. Nat.
(Paris) 20: 473. 1948.

Senegal: Kaolack, sur les terrains sales a proxi-
mite de la mer. Fev. 1945. Coll. Chevalier.

Central Africa

Eragrostis hapalantha Trin. Mem. Acad. St. Petersb. VI.
Math. Phys. Nat. 1: 409. 1830.

"*Poa interrupta* La M. et Roth....(non Brownii)
V. spp. Ind. or. Manil. Bras. (ad flum. Parana in
arenosis)"

Eragrostis hararensis, Chiov. Ann. Ist. Bot. Roma
6: 163. 1896.

[r]
"Habitat.--Harar; 1889."

Abyssinia. Africa

Eragrostis harpachnoides Hack. Oesterr. Bot.
Zeitschr. 52: 306. 1902.

"China. sous vias ad Pee-long--tau prope Tapintze
provinciale Yun-nan, leg. Delavay (sub nr. 1807)"

Eragrostis hasskarli Steud. Syn. Fl. Glum. 1: 265.
1854.

Type loc.: "Batavia."

Java

Eragrostis hawaiiensis Hillebr. Fl. Hawaiian Isl.
530. 1888.

"Hawaii! Kohala."

Eragrostis Henrardii Jans. Blumea Suppl. 3(Henrard
Jubilee Vol.): 42. 1946.

"I found this new species among a series of unicas,
bought from E. Dinter and collected by him in 1912
in South-West-Africa (No. 2572, Grassteppe at
Okahandja): type specimen in Herb. Lugd.-Bat."

Okahandja, South-West Africa

Eragrostis hereroensis Hack. in Schinz, Bull. Herb.
Boiss. II. 1: 775. 1901.

"Deutsch-Sudwest-Afrika (Hereroland): Tsooshaub,
Dinter 256."

"Remote aff. *E. pilosae* Beauv."

Eragrostis heteromera Stapf in Thiseit.-Dyer, 7: 610.
1900.

"Eastern Region: Natal; near Durban, Dreyer by the
Umlazi River, and near Pietermaritzburg, Krauss 43!
by the Tugela River...Buchanan, 241! 245a!"

Natal Africa

Eragrostis hierniana Rendle, Cat. Afr. Fl. Welw.
2^v: 237. 1899.

"Pungo Andongo...In rather damp places in the
praesidium ...No. 2798." [Welwitsch coll.]

Angola Africa

Eragrostis Hildebrandtii Jedw. Bot. Archiv Mez
5: 190. 1924.

"Madagascar, Betsileo (Hildebrandt nr. 3995,
4011)."

Eragrostis hirsuta (Michx.) Nees, Agrost. Bras. 508.
1829.

"(Poa, Mich.)" Man. U. S.

Carolina

Eragrostis hirsuta var. *laevivaginata* Fernald,
Rhodora 41: 500. 1939.

"Type from wooded alluvial bottomland of Meherrin
River, near Haley's Bridge, Southampton County,
Virginia, Fernald & Long, no. 9273 (Type in Herb.
Gray; isotype in Herb. Phil. Acad.)."

= *E. hirsuta* Man. U. S.

Virginia

Eragrostis hirsutissima Peter, Repert. Sp. Nov. Fedde
(Beih.) 40: Anhang 103. pl. 60. f. 3. 1930;
327. 1931.

"D O Afr., N. Pare: Lembeni--B[er]g Kaili im
Succulentenpori (Peter 41625b).--Ugogo: Gärten in
der Stadt Dodoma....(Peter 44427)."

"Specimina authentica: Peter 41625b, 44427."

East Africa

Eragrostis hirta Fourn. ex Hemsl. Biol. Centr. Amer.
Bot. 3: 573. 1885, nom. nud.; Fourn. Mex. Fl.
2: 115. 1886.

"San Luis de Potosi (Virl. n. 1390)" T

Mexico

Eragrostis hispida Schum. Pflanzenn. Ost-Afr. 5^o:
114. 1895.

"Massaihochland.--(Kitui in Ukamba.--Hildebrandt
n. 2675)."

Kenya Africa

Eragrostis hispida var. *psilothyrus* Peter, Repert.
Sp. Nov. Fedde (Beih.) 40: Anhang 102. 1930;
326. 1931.

"D O Afr.--Ngulu: Malongwe Nyahua"

"Peter 34554"

East Africa

Eragrostis hochstetteri Steud. Syn. Fl. Glum. 1: 268.
1854.

Based on "*Diplachne elongata* Hochst. Hrbr. nubio.
un. it. nr. 150. Nubia."

Africa

Eragrostis hookii De Wild, Bull. Jard. Bot. Brux.
6: 64. pl. 4. 1919.

"Elisabethville....(A. Hook)."

[Congo Africa]

Eragrostis holstii Engler ex Jedw. Bot. Archiv Mez
5: 186. 1924, as syn. *E. chalantha* var. *composita*
Jedw.

Same "Engl. in Herbar. Berlin = *E. chalantha* Trin.
var. *holstii* Engl. & Schum. in Engl. O. Afr. C (1895)
114= *E. chalantha* Trin. var. *composita* Jedw. in
Bot. Archiv. 5: 186. 1924"

Tanganyika Africa

Eragrostis Holstii var. *contracta* Peter, Repert. Sp.
Nov. Fedde (Beih.) 40: Anhang, 111. 1930; 337.
1936.

"D O Afr., W. Usambara: Ngaraya, Busch in Ggd
Nkongwe 1200" 111 Peter 15906."

East Africa

Eragrostis homblei De Wild. Bull. Jard. Bot. Brux.
6: 66, pl. 3. 1919.

"Kapanda....(Hombel, n. 982)."

[Congo Africa]

Eragrostis homomalla Nees, Fl. Afr. Austr. 406. 1841.

"In arenosis ad Ebenezar....(Drège)."

Cape Colony Africa

Eragrostis horizontalis Peter, Repert. Sp. Nov. Fedde
(Beih.) 40: Anhang 107. pl. 68. f. 2. 1930; 331.
1931.

"D O Afr., Ugogo: Garten in Dodoma"

"Specimina authentica Peter 46834."

East Africa

Eragrostis hornemanniana Nees, Fl. Afr. Austr. 395.
1841.

"*Eragrostis* nov. sp. e Guinea. Herb. Hornem. Trin.
in Act. Petr. 1. p. 404. (sub *Er. fasciculari*)."

"Inter Dmsamsulo et Oncomas....(Drège)."

[Cape Colony] Africa

Eragrostis hosakai Degener, Fl. Hawaiiensis 4: descr.
with pl. Feb. 10, 1940, Family 47 (*Eragrostis*) fig.
[Book 4" on cover]

"Fuu Nana, Mauna Loa, Molokai." "Type specimen:
Hosaka No. 1848, April 16, 1937."

Hawaii

Eragrostis hugoniana Rendle, Journ. Linn. Soc. Bot.
36: 414. 1904.

"Shensi: Kaolinsien (Hugh!). Mus. Brit."

China

Eragrostis huillensis Rendle, Cat. Afr. Fl. Welw.
2^v: 242. 1899.

"Huilla.--Rather rare on the herb-grown banks of
streams in the Lopollo district....No. 2672. On
grassy banks of streams between Lopollo and Humpata
....No. 2627." [Welwitsch]

Angola - Africa

Eragrostis Humbertii A. Camus, Bull. Soc. Bot. France
94: 42. 1947.

"Madagascar, Domaine occidental: delta de la Linta,
sables (Humbert et Swingle, no. 5431)."

Eragrostis humifusa C. Cordem. Fl. Ile Réunion
126. 1895.

"Littoral de Saint-Benoît."
Mauritius

Eragrostis hygrophila C. E. Hubb. & Schweick. Kew Bull.
Misc. Inf. 1939: 651. 1939.

South Africa. Cape Province:....Kimberley Distr. ...
Kimberley, Febr. 1937, Acocks (1875) in McGregor
Hus. 4189 (typus)."

Eragrostis hypnoides (Lam.) B. S. P. Frel. Cat.
N. Y. 69. 1888.

Presumably based on *Poa hypnoides* Lam.
Amer. merid. (Richard) Man. U. S.

Eragrostis imbecilla (R. Br.) Steud. Syn. Fl. Glum.
1: 279. 1854.

Based on "*Poa imbecilla* R. Br." not Spreng. 1807.
Australia

= *Leptochloa aethenes* (Roem. & Schult.) C. E. Hubb.

Eragrostis imbecilla (Forst.) Benth. Fl. Austral.
7: 643. 1878. Not Steud. 1854.

"*Poa imbecilla* Forst. ex Spreng."
New Zealand

Eragrostis inamoena Schum. Pflanzenw. Ost-Afr. 5^o: 115.
1895.

"Samsibar (Bagamoyo.-Hildebrandt. n. 10807, Pugu.-
Holst n. 4143)."
Zanzibar Africa

Eragrostis inoana Maury, Journ. de Bot. 3: 163. f. 6.
1889.

"Bords de l'Orénoque, Boca del Pac, J. Chaffinjon,
n. 289; Savane humide, Mapiro, J. Chaff., n. 296."
Venezuela

Eragrostis inconstans Nees, Agrost. Bras. 495. 1829.

"in lapidosis, ad saxa, prope Fanado, in Minis
Novis provinciae Minarum. (Mart.)"
Brazil

Eragrostis indica Link, Hort. Berol. 1: 192. 1827.

Based on "*Poa indica* Willd." as syn. of *E. abyssin-*
ica Jacq. Cf. *E. indica* (Koen.) Steud. Syn. Fl.
Glum. 1: 264. 1854.

Based on *Poa indica* Koenig

[Willd. did not publish *Poa indica*, but lists *Poa*
abyssinica Jacq.]

Eragrostis indica (Koen.) Steud. Syn. Fl. Glum. 1: 264.
1854.

Based on *Poa indica* Koen.
prope Madras. [India]

Eragrostis indica var. *perennis* Balansa, Bull. Soc.
Bot. France 19: 319. 1872, nom. nud.

Eragrostis infecunda Black, Trans. & Proc. Roy. Soc.
South Austral. 55: 137. f. 4. 1931.

"Along the Gilbert and Wakefield Rivers near River-
ton. Mr. Worsley Johnston, Coll.

Australia

Eragrostis infirma (H.B.K.) Steud. Nom. Bot. ed. 2.
1: 563. 1840.

Based on "*Poa infirma* H.B.K."

= *Poa annua* L.

Colombia

Eragrostis insulatantica A. Chevalier, Rev. Bot.
Appl. 15: 1042. 1935.

Ins. C. Verde, Bord des chemins sur les montagnes,
S. Antão: Cova 45543, 45570, 45601.

[Chevalier, Coll.]

Africa

Aff. E. Barrelieri

Eragrostis intermedia Hitchc. Journ. Washington Acad.
Sci. 23: 450. 1933.

"Type in the U. S. Nat. Herb. no. 1535749, collected
in moist place in gravel pit near San Antonio,
Texas, July 3, 1910, by A. S. Hitchcock (no. 5491)."
Man. U. S.

Eragrostis ? interrupta Beauv. Ess. Agrost. 71, 162,
175 [queried]. 1812.
Same comb. made by Steud. Syn. Fl. Glum. 1: 279.
1854.

Based on *Poa interrupta* R. Br. Not Lam. 1791.

Australia

Eragrostis interrupta (Lam.) Doell in Mart. Fl. Bras.
2^o: 157. 1878. Not Steud. 1854! nor Beauv. 1812.

Based on "*Poa interrupta* Lamarck."

India

Eragrostis interrupta (Koen. in Roxb.) Duthie, Grasses
N. W. India 1883. Not Beauv. 1812, nor Steud. 1854.

"Syn. *Poa interrupta* Roxb." [Roxb. cites "Kön. Mss."]

India

Eragrostis interrupta (Nutt.) "release in Branner &
Coville, Ann. Rep. Geol. Surv. Ark. 4: 237. 1891.
Not Beauv. 1812.

Based on *Poa interrupta* Nutt.

= *E. oxylepis* Man. U. S.

Eragrostis interrupta var. *densiflora* Black, Trans. &
Proc. Roy. Soc. South Austral. 48: 253. 1924.

Description: "Variet paniculâ erectâ spiciformi 6-10
cm. longâ basin versus interruptâ, ramis 5-20 mm.
longis dense fasciculatis et secus rachin princí-
palem appressis usque ad basin spiculis vestitis,
spiculis subsessilibus 2-3 mm. longis 4-5-floris,
glumâ floriferâ 1 mm. longa, paleâ glabrâ, stamin-
ibus 2, caryopsi ovoides nitente ½ mm. longâ."

"Toorawatchy Waterhole, between Cordillo Downs and
Innaminka; coll. J. B. Cleland."

Australia

Eragrostis interrupta var. *diarrhena* (Schult.) Stapf
in Hook.f. Fl. Brit. Ind. 7: 316. 1896.

Based on "*Poa diarrhena* Schult."

Bengal, India

Eragrostis interrupta var. *diplachnoides* (Steud.)
Stapf in Hook.f. Fl. Brit. Ind. 7: 316. 1896.

Based on *E. diplachnoides* Steud.

"*E. diplachnoides* & *Hochstetteri* Steud. ...[*Dipla-*
chne elongata & *poaeformis* Hochst." cited; these
without descr.]

Nubia-Afr. (Hochst. Hbbr. 346)

Eragrostis interrupta var. *grandis* F. M. Bailey,
Queensl. Agr. Journ. 30: 320. 1913.

"Emerald, E. W. Bick."

Australia

Eragrostis interrupta var. *Koenigii* (Kunth.) Stapf in
Hook. Fl. Brit. Ind. 7: 316. 1896.

Based on "*Poa Koenigii* Kunth"

India

Eragrostis interrupta var. *laxiflora* Doell. in Mart.
Fl. Bras. 2^o: 158. 1878.

"---Martio ad littora fluminis Amazonum reperta-
Etiam in India orientali, in Mosul, Syria, Nubia,
Abyssinia et in Africa australi obvia."

Brazil

Eragrostis interrupta var. *namaquensis* (Nees) Dur. &
Schinz, Consp. Fl. Afr. 5: 884. 1894.

Based on "*E. namaquensis* Nees."

[Cat. sem. H. Wratistlav 1835 Cap. b. sp. Drège]

Eragrostis interrupta var. *parviflora* Doell in Mart.
Fl. Bras. 2^o: 158. 1878.

"*Poa interrupta* Koenig" cited

"in provincia Goyaz (Burchell)."

Eragrostis interrupta var. *subsinguliflora* Domin,
Bibl. Bot. 85: 391. 1915.

"Northwest-Australien: East Kimberley (R. Helms 1896
sub no. 223).
Nord-Australien: Victoria River, flood (P. v.
Mueller)."

Eragrostis interrupta var. *tenuissima* (Schrud.) Stapf
in Hook.f. Fl. Brit. Ind. 7: 316. 1896.

Based on "*E. tenuissima* Schrad."

Ind. Or.

Eragrostis invalida Pilger, Bot. Jahrb. Engler
34: 129. 1904.

"Kamerun: Yaunde, bei Ungomessan, an senniger Stelle
auf trocknem Humusboden, 800-900 m ü M. (Zenker
und Staudt n. 553).--Blühend im Nov. 1894."

Africa

Eragrostis jacquini Schrad. Linnaea 12: 450. 1838.

"*Poa polymorpha* Cat. sem. Hort. Vind.--Patria?..."
cited.

Eragrostis japonica (Thunb.) Trin. Mém. Acad. St.
Petersb. VI. Math. Phys. Nat. 1: 405. 1830.

Based on "*Poa japonica* Thbg. Tr."

Kosido. Nagasaki Japan

Eragrostis japonica var. *interrupta* (Lam.) Henr.
Blumea 3: 424. 1940.

Based on *Poa interrupta* Lam.

Ex D. Sonnerat

Eragrostis jardinei Steud. Syn. Fl. Glum. 1: 269. 1854.

"Ed. Jardin legit ad oras Guineas."

West Africa

Eragrostis jeffreysii Hack. Proc. Rhodesia Sci. Ass.
74: 68. 1908.

(Sect. *Pterocessa*)

"leg. Jeffreys, no. 42."

"Bulawayo" S. Africa

Rhodesia

Eragrostis jeholensis Honda, Rep. First Sci. Exped.
Manchouk. Bot. 4: 6, pl. 1. 1935.

"Hab. in collibus Siccis Ch'eng-tê (Makai, Honda & Kitagawa. Aug. 19, 1933--Typus)

Manchuria

Eragrostis karasbergensis Bolus, Ann. Bolus Herb.
1: 110. 1915.

"Central and Eastern Karasberg River-bed between
Krai Kluit and Narudas Sd., 8484. Narudas Sd.,
8485." [S. W. Africa]
Percy Sladen Memorial Exped. Coll.

S. W. Africa

Eragrostis katandensis Lebrun ex Mimeur, Mus. Hist.
Nat. (Paris) Bull. 23: 128. 1951. (name only)
"nomme provisoirement" Parc Albert, Africa.

[Mimeur thinks it is probably the same as *E. tholloni* Franch.]

Eragrostis keniensis Pilger, Notizbl. Bot. Gart.
Berlin 9: 1125. 1927.

Kenia, Westseite: Bei Coles Hill an feuchten
Stellen in Bergsteppe der "West Kenia plains"
(fruchtend im Januar 1922 -- Rob. E. und Th. C. E.
Fries n. 1082). [Africa]

Eragrostis kennedyae Turner, Proc. Linn. Soc. N. S.
Wales II. 8: 535. 1894.

"Hab. --Wonneminta Station, near Broken Hill, New
South Wales. Collected by Mrs. M. B. Kennedy."

Australia

Eragrostis kingesii de Winter, Bothalia 7: 470. 1961.

♂ South West Africa. -- Luederitz: Farm Klein-Aus,
decumbent annual around farm houses, 12/5/49, Kinges
2236 (holotype, PRE; isotypes, K, M, BM, Windhoek); 8m
W. of Aus on rd. to Luederitz, de Winter and Gies
6083.

"Decumbent or semi-erect annual, only a few cm. high"

"---closely related to *E. procumbens*---

Eragrostis kinshasaensis Vanderyst, Bull. Agr. Congo
Belge 11: 118. 1920, without description.

"Bas-Kasai: Kinshasa,"
[Vanderyst coll.?]

Aff. *Eragrostis gangetica* Roxb.

Belgian Congo - Africa

Eragrostis kiwuensis Jedw. Bot. Archiv Mez 5: 206.
1924.

"Kiwa, ad Karisimbi (Mildbraed nr. 1784, Typus)."

Afr. or.

Tanganyika

Eragrostis Kneuckeri Hack. & Borm. in Borm. Magyar
Bot. Lapok 11: 12. 1912.

Eragrostis Kneuckeri Hackel et Borm. (nom. nov.);
syn. *E. Hackeliana* Borm. et Kneucker in Fedde Re-
pert. X. p. 381 (1912), non *E. Hackelii* Hassler in
Fedde l.c. VIII. 47 (1910). --Jaffa, Wadi Rubin, in
arenosis maritima (20. IX. 1911).

"*E. Hackeliana* Borm. et Kneucker-1912, non *E.*
Hackelii Hassler----1910"

Palestine: Jaffa ad Sarona A. Kneucker

Eragrostis koenigii Link, Hort. Berol. 2: 294. 1833,
as syn. *Eragrostis rothii* Link.

[India]

Eragrostis koenigii (Kunth) Steud. Syn. Fl. Glum.
1: 266. 1854.

Based on "*Poa koenigii* Kunth."

India

Eragrostis Kossinskyi Roshev. Bull. Jard. Bot. Prin.
U.R.S.S. 26: 116. 1927.

"Ad ripas in estie Volgae. 25-30. VII. 1915.
C. Kossinsky!"

Russia - Eur.

Eragrostis kwaiensis Peter, Report. Sp. Nov. Fedde
(Beih.) 40: (Anhang 99). 1930; 322. 1931.

D O Afr., W Usambara: Kwai

"Specimina in Herb. Amaniensi conservata in Germa-
nia hoc tempore non adsunt."

East Africa

Eragrostis kwamouthensis Vander. Bull. Agr. Congo
Belge 11: 119. 1920.

"region du Bas-Kasai: ... (No. 5,005)"

[Vanderyst coll.?]

Belgian Congo - Africa

Eragrostis lacunaria F. Muell. First Gen. Report.
20. 1853.

See F. Muell. in Benth. Fl. Austral. 7: 649. 1878.

Queensland....N. S. Wales....S. Australia

Eragrostis laetevirens Schum. Abh. Preuss. Akad. Wiss.
(Berlin) 12. 1894, without descr.

Trop. Africa

Eragrostis laevigulmis Jedw. Bot. Archiv Mez
5: 209. 1924.

"Australia centr., loco non indicato (Basedow
nr. 490)."

Eragrostis laevissima Hack. Report. Sp. Nov. Fedde
10: 170. 1911.

"Deutsch-Südwest-Afrika: Otawifontein."

Related to "*E. filiformis* Nees (*E. curvula* Nees)."

Eragrostis lamarekii Steud. Syn. Fl. Glum. 1: 269.
1854.

Based on "*Poa tremula* Lam."

E. Senegal Africa D. Roussillon

Eragrostis lamproscipula de Winter, Bothalia 7: 471.
1961.

♀ Africa. Transvaal. -- Waterberg: Mosdene Farm near
Naboomspruit; bare brack flats, occasional, 65 cm.
high, de Winter 734 (PRE, holo K, BM, B, M, BOL, SARH,
NY, iso.).

Southern Rhodesia. -- Salisbury, Mrs Kimpton s.n.

Eragrostis laniflora Benth Fl. Austral. 7: 648. 1878.

N. S. Wales. Darling River, Mrs. Forde.

Central Australia. Lake Eyre, Andrews; Charlotte
Waters and towards West Australia, Giles."

Australia

Eragrostis lanipes C. E. Hubb. Kew Bull. Misc. Inf.
1934: 449. 1934.

"Western Australia: Tenindewa, between Geraldton
and Mullewa, Palmer."

Eragrostis lappula Nees, Fl. Afr. Austr. 412. 1841.

"Inter gramina alta ad Port Natal... (Drège)."

Africa

Eragrostis lappula var. *divaricata* Stapf in Thiseit. -
Dyer, Fl. Cap. 7: 628. 1900.

"Bechumaland; Fellat Plains between Matlaren River
and Takun, Burchell, 2199!"

So. Africa

Eragrostis lasiantha Stapf, Kew Bull. Misc. Inf.
1906: 82. 1906.

Linton 13.

British East Africa Nairobi Government Farm.

Eragrostis lasioclada Merr. Philippine Journ. Sci.
Bot. 1: Suppl. 382. Dec. 1906.

♂ Cataclastos

416 Merrill

Culion Philippines

Eragrostis lasiophylla Schum. Pflanzenw. Ost-Afr.
5^o: 114. 1895.

"Seengebiet. -- (Ihangiro. -- Stuhlmann n. 917.)
Njassaland (Buchanan)."

East Africa

Eragrostis lasseri Lucas, Bol. Soc. Venez. Cienc. Nat.
15: 6. f.3. 1953.

"El espécimen tipo --- en el Herbario del Instituto
Botánico del Ministerio de Agricultura y Cria ---
---en formaciones xerofilas cerca de Maracaibo por
T. Lasser No. 2660 el 12 de enero de 1948."

type

Venezuela

Eragrostis laxa Baker, Fl. Maurit. 456. 1877.

"Seychelles, Pervillé, 118!"

Isle. W. Indian Ocean

Eragrostis laxiflora Schrad. Linnaea 12: 451. 1838,
nom. nud.

So. Africa

Eragrostis laxissima Schum. ex Engl. Abh. Preuss. Akad.
Wiss. (Berlin) 58. 1894; without descr.; Pflanzenw.
Ost-Afr. 5^o: 99. 1895, without descr.

Africa

Eragrostis ledermannii Pilger, Bot. Jahrb. Engler
45: 210. 1910.

"Kamerun: Garua, bei Schuari, im Sumpf. in einer
Niederung am Benue, 300 m ü. M. (Ledermann n. 4620. --
Blühend im Juli 1909)." Africa

♂ *Platystachya*

West Africa

Eragrostis leersioides (Presl) Ouss. Fl. Sic. Syn.
1: 103. 1842; Steud. Syn. Fl. Glum. 1: 263. 1854.

Based on "*Megastachya leersioides* Presl."

Sicily

Eragrostis lehmanniana Nees, Fl. Afr. Austr. 402.
1841.

"Ad rupes nudas prope Slengerfontein in collibus ad
Nieuwe Hantom.... (Drège)."

So. Africa

- Eragrostis lehmanniana* var. *ampla* Stapf in Thiseit.-
Dyer, Fl. Cap. 7: 602. 1900.
"Kalahari Region: var. Basutoland; Leribe, Buchanan, 1411"
So. Africa
- Eragrostis lehmanniana* var. *chaunantha* (Pilg.) de Winter, in Chippindall, Grasses and Pastures of South Africa 147. 1955.
Based on *Eragrostis chaunantha* Pilger, Dr. L. Schultze n. 290. Deutsch-Südwest-Afrika: Kalahari, zwischen Kokong und Lang.
Africa
- Eragrostis lehmannii* Pilger, Bot. Jahrb. Engler 27: 32. 1899.
"Ecuador: crecitur in montanis praeruptis, massa lava formata, circa Baños ad flumen Tunguragua, alt. s.m. 1800-2500 m (Lehmann n. 5283)."
[error for 5823]
[in *E. tenax* in Gr. Andes 340 but valid q.v.]
- Eragrostis leioptera* Stapf in Hook. f. Fl. Brit. Ind. 7: 325. 1896.
"Khasia Hills....Griffith."
India
= *Eragrostiella leioptera* (Stapf) Bor.
- Eragrostis leonina* Hitchc. & Chase, Contr. U. S. Nat. Herb. 18: 388. 1917.
"Type in the U. S. National Herbarium, no. 865555, collected in thickets near railroad, at Zaza de Tunas, Province of Santa Clara, Cuba, August 25, 1909, by Brother Leon (no. 885)."
Cuba
- Eragrostis lepida* (Rich.) Hochst. in A. Rich, Tent. Fl. Abyss. 2: 424. 1851, as syn. ex Flora, 38: 327. 1855.
Based on *Poa lepida* Rich.
Schimper 1040.
Africa
- Eragrostis lepreurii* Steud. Syn. Fl. Glum. 1: 269. 1854.
"Senegal. (Leprieur hrbr. 1831)"
Africa
- Eragrostis leptantha* Trin. Mém. Acad. St. Pétersb. VI. Math. Phys. Nat. 1: 405. 1830.
"V. spp. Brasil. (in siccis arenosis)."
- Eragrostis leptocalymma* Pilger, Bot. Jahrb. Engler 40: 84. May 1907.
"Dr. L. Schultze n. 356^b."
"Südwest-Afrika: Kalahari, Kokong"
- Eragrostis leptocarpa* Benth. Fl. Austral. 7: 644. 1878.
"Queensland, Mitchell District, Birch Central Australia. Charlotte Waters, Giles."
- Eragrostis leptophylla* Hitchc. Mem. Bishop Mus. 8: 133. 1922.
"Type in the U. S. National Herbarium, no. 836477, collected on the sandy plain west of the Humuula Sheep station on the flank of Mauna Kea, island of Hawaii, Aug. 29, 1916, by A. S. Hitchcock (no. 14458)."
Hawaii
- Eragrostis leptostachya* (R. Br.) Steud. Syn. Fl. Glum. 1: 279. 1854.
Based on "*Poa leptostachya* R. Br."
Australia
- Eragrostis leucosticta* Nees ex Doell in Mart. Fl. Bras. 2³: 144. 1878.
"Habitat in altis auriferis prope Itambé de Matto Dentro aliisque ejus regionis locis (Martius), ad Caidas prov. Minarum (Regnell III. n. 1413, ...neo non a ol. Schott (n. 4850) in Brasilia lecta."
T
- Eragrostis lichiangensis* Jedw. Bot. Archiv Mez 5: 204. 1924.
"China, NW-Yunnan, in declivitatibus orientalibus montium Lichiang (Forrest nr. 2881)."
- Eragrostis limbata* Fourn. ex Hensl. Biol. Centr. Amer. Bot. 3: 573. 1885, nom. nud.; Mex. Fl. 2: 116. 1886.
"In scopulis regni Mexicani (Bonpland n. 4573 in herb. Mus. Par.)"
f.
Eragrostis limbata Fourn. densiuscula Hack. Allg. Bot. Zeitschr. 15: 157. 1909.
Nr. 759 Kneucker Exs.
"In Karlsruhe kultiviert. 117 m. d. d. M.; Aug. bis Sept. 1908. leg. A. Kneucker."
Germany - cult.
- Eragrostis limbata* var. *major* Fourn. ex Hensl. Biol. Centr.-Amer. Bot. 3: 573. 1885; Mex. Fl. 2: 116. 1886.
"E. tephrosanthes Steud. ...part" cited.
"Mejico (Berl. n. 935); Orizaba (Bourg. n. 2635); San Luis de Potosi (Virl. n. 1386)."
- Eragrostis lindeniana* Steud. Syn. Fl. Glum. 1: 278. 1854.
"Linden Hrbr. nr. 1554. Carabobo, N. Granada."
[Venezuela]
- Eragrostis Lindmani* Hack. Lindm. Svensk. Vet. Akad. Handl. 34 (no. 6): 19. pl. 10a 1900.
"Hab. in Brasilia austr.Exp. 1. Regnell., A. 267."
Brazil
- Eragrostis linearis* Trin. ex Steud. Nom. Bot. ed. 2. 1: 563. 1840, nom. nud. "China bor."
- Eragrostis linearis* (Schum. & Thonn.) Benth. in Hook. Niger. Fl. 567. 1849.
Based on "*Poa linearis* Schum. & Thonn."
Guinea Africa
- Eragrostis linkii* (Kunth) Steud. Syn. Fl. Glum. 1: 273. 1854.
Based on *Poa linkii* Kunth
North America
= *E. pilosa* Man. U. S.
- Eragrostis lobata* Trin. Mém. Acad. St. Pétersb. VI. Math. Phys. Nat. 1: 396. 1830.
"V. spp. Guin., Ins. Franc."
[Mauritius Isl.] Africa
- Eragrostis lolioides* Hand.-Mazz. Symb. Sinicæ 7⁵: 1282. 1936.
"Yunnan: Steppen der Str. St. unter Datiengei in der Niederung s. des Yangtse e von Yungbei, Sandstein, 1400 m, 4. XI. 1916. (130 34) [Handel-Mazzetti, coll.]
Str. St. = "subtropische Stufe" China
- Eragrostis longepaniculata* De Wild. Bull. Jard. Bot. Brux. 6: 67, pl. 2. 1919.
"Elisabethville....(J. Bequaert n. 320)."
[Congo Africa]
- Eragrostis longeradiata* Steud. Syn. Fl. Glum. 1: 272. 1854.
"M. A. Curtis legit in Carolina"
= *E. refracta* Man. U. S.
- Eragrostis longifolia* (A. Rich.) Hochst. Flora, Intell. 24¹: 23. 1841, nom. nud.; A. Rich. Tent. Fl. Abyss. 2: 425. 1851, as syn. of *Poa longifolia* A. Rich.; ex Steud. Syn. Fl. Glum. 1: 268. 1854. Not Trin. 1836.
Based on *Poa longifolia* A. Rich. 1841. Not Trin. 1836.
T
Africa
- Eragrostis longipes* Keng, Sunyatsenia 6: 59. 1941.
"Type in the U. S. National Herbarium, No. 1039813, collected on pebbly flats, near Liang-Sui, Kansu province....Frank N. Meyer."
China
- Eragrostis longipila* Hack. in Stuck. Anal. Mus. Nao. Buenos Aires 21: 132. 1911.
Stuckert, Herb. arg. n° 17,090 Estancia La Diana. Dep. San Martin, Prov. Rioja.
T
Argentina
- Eragrostis longiramea* Swallen, Journ. Washington Acad. Sci. 21: 437. 1931.
"Type in the United States National Herbarium No. 1501524, collected on Pico del Diablo, vicinity of Marmolejo, Sierra de San Carlos, Tamaulipas, Mexico, August 12, 1930, by H. H. Bartlett (no. 10910)."
Aff. *E. lugens* Nees & *E. polytricha* Hack.
- Eragrostis lugens* Nees, Agrost. Bras. 505. 1829, described; given as new (Kunth) Rupr. Bull. Acad. Sci. Brux. 9: [235]. 1842, based on *Poa lugens* Kunth.
"Ad Monte Video et in confinibus regni Paraguayan, (Sellow.) (Vidi in Herb. Reg. Berol.)"
Uruguay
- Eragrostis lugens* ssp. *flaccida* (Lindm.) Hack. in Stuck. Anal. Mus. Nao. Buenos Aires 21: 134. 1911.
Based on "*Eragrostis flaccida* Lindman"
Brazil austr. Regnell A. 613. Paraguay. Exp. I Regnell 2301. ...Balansa 241.
- Eragrostis lugens* var. *glabrata* Doell. in Mart. Fl. Bras. 2³: 141. 1878.
Brazil
"....Regnell lectae."
- Eragrostis lugens* var. *glabrescens* Doell. in Mart. Fl. Bras. 2³: 140. 1878.
"Ad Curvello et ad Lagoa Santa ejusdem provinciae (Warming)"
"Varietates β [glabrescens] et γ [glabrata] ab eodem cl. Regnell lectae; var. β etiam a cl. Weddell (n. 1103) in Brasilia lecta."
- Eragrostis lugens* var. *major* Vasey ex L. H. Dewey, Contr. U. S. Nat. Herb. 2: 542. 1894.
Low prairies, Texas to Arizona and eastward to Florida.
Unidentified Man. U. S. 982.

Eragrostis lugens f. *pallida* Hack. in Stuck. Anal. Mus.
Nac. Buenos Aires 21: 134. 1911.

Stuckert no 20,053 Carnerillo, P. C. And., Dep. Río
IV. C. [in Type]
Argentina

Eragrostis lugens var. *villosa* Doell. in Mart. Fl. Bras.
2: 140. 1878.

No citation [Brazil]

Eragrostis lukwangulensis Pilger, Notizbl. Bot. Gart.
Berlin 15: 703. 1942.

"Deutsch-Ostafrika: Bezirk Morogoro, Uluguru-Gebirge,
Lukwangule-Plateau, ca. 2460 m ü. M.; in Gruppen an
lichten Stellen im Nebelwald (H. J. Schlieben n.
3545 --Feb. 1933)."

East Africa

Cataolatos Gruppe

Eragrostis lumensis Vanderyst, Bull. Agr. Congo
Belge 11: 119. 1920.

"(Haut plateau du Moyen-Congo): Vallée de la Lumene,
1915." [Vanderyst Coll. ?]

Belgian Congo - Africa

Eragrostis lurida Presl, Rel. Haenk. 1. 276 1830.

"Montanes Peruviae" Andes Gr.

Eragrostis lutescens Scribn. U. S. Dept. Agr. Div.
Agrost. Circ. 9: 7. 1899.

"from sandy banks of Snake River, Almota Washington,
collected by C. V. Piper, July 7, 1897. No. 2624."
Man. U. S.

Eragrostis luzoniensis Steud. Syn. Fl. Glum. 1: 266.
1854.

"Hbr. Cuming. nr. 1416. Ins. Luzon."

Philippines

Eragrostis mabrama Schweinf. Bull. Herb. Boiss.
2: Append. 2: 42. 1894.

"Arab. Südküste, el-Hami, östlich von Sohehr, 208,
coll. 81." [Schweinfurth, Coll.]

Arabia

Eragrostis macilenta (Rich.) Steud. Syn. Fl. Glum.
1: 268. 1854.

Based on *Poa macilenta* Rich.

Adous, Africa

Eragrostis maora Jedw. Bot. Archiv Mex 5: 200. 1924.

"Brasilia, loco non indicato (Glaziou nr. 16623,
16624); Sta. Catharina, ad Itajahy (Schenck nr. 10937)
Paraguay, loco non indicato (Fiebrig); in Sierra
Amambay (Hassler nr. 9973, 11638)."

T. coll. = expansa

Eragrostis macrochlamys Pilger, Bot. Jahrb. Engler
48: 346, Aug. 1912.

"Deutsch.-Südwestafrika, Gross-Namaqualand:
Bullsporter Fläche, ... (Dinter n. 2140) ... südlich
Kubub, auf Sandboden. (Range 269); Kamme, Rivier-
boden (Range n. 900)."

Africa

Eragrostis macrochlamys var. *wilmaniae* (Hubb.)
Schweinkerd. de Winter in Chippindall, Grasses
and Pastures of South Africa 176. 1955.

"---northwestern Cape and southern Bechuanaland,
South Africa."

Eragrostis macrochlamys Pilger in Urban, Symb. Antill.
4: 106. 1903.

"Prope Bayamon in literalibus ad Cataño. ---
gintenis n. 1233. ---"

[Porto Rico]

= *E. elliotii* Man. W. I.

Eragrostis macrothyrsa, Hack. Repert. Sp. Nov. Fedde
8: 47. 1910.

Paraguay: septen. a. 1909, leg. Fiebrig no. 5166
in Herb. Hassler.

Eragrostis madagascariensis (Lam.) Steud. Syn. Fl.
Glum. 1: 272. 1854.

Based on "*Poa madagascariensis* Lam."

Madagascar (D. Jos. Martin)

Eragrostis maderaspatana Bor, Grasses of Burma, Ceylon,
India, and Pakistan 509. 1960.

"*E. willdenowiana* Nees ex Hook. f. (1896) not Nees ex
Hook. & Arn., Bot. Beechey Voy. 252. 1838 & Nov. Act.
Nat. Cur. 19. Suppl. 1, 205. 1843.

Dist.: South India, Madras, Ceylon

Exsicc. -- Herb. Wight. 1779, Madras; Glenie C.P. 3944,
Ceylon

Eragrostis magna Hitchc. Contr. U. S. Nat. Herb.
24: 341. 1927.

"Type in the herbarium of the Field Museum, no.
535136, collected on steep rocky grasslands at
Huacachi Estación near Muña, Peru, altitude 2000
meters, May 20 to June 1, 1923, by J. Francis
Macbride (no. 4069)."

Peru

Eragrostis Mairei Hack. Repert. Sp. Nov. Fedde
8: 523. 1910. "(Sect. *Pterocessa*)"

"China, prov. Yunnan. "Haute montagne au nord du
Yunnan - sen," ann. 1904, leg. Maire (no. 722);
ann. 1908 leg. Ducloux (no. 757)."

Eragrostis major Host, Icon. Gram. Austr. 4: 14. pl. 24
1809; Fl. Austr. 1: 135. 1827.

1st reference not valid publication; genus not
published until 1812.

= *E. cilianensis* Hitchc. Man. U. S.

Eragrostis major var. *brizoides* Vayreda, Cavanillesia
4: 61, 1931, nom. nud.

"Sagaró, Olot, Guillerries; Ag. Estudiense Más."

[Plantas de Catalunya] Spain

Eragrostis major var. *subbiloba* Chiov. Collez. Bot.
1: 187. 1916, without descr.

Eragrostis makinoi Hack. Bull. Herb. Boiss. 7: 725.
1899.

"Shinohiku, leg. Makino," T. Hack Hb.
["Formosa" in Hack. Hb.]

[= *E. pilosissima* Link fide Honda]

Eragrostis malayana Stapf in Hook. f. Fl. Brit. Ind.
7: 317. 1896.

"Perak, Wray. Malacca, Hervey. --Distrib. Borneo,
Binao."

India

Eragrostis mandarensis A. Camus, Not. Syst.
13: 263. 1948.

Domaine Central (Sud): vallée de la Manambolo, rive
droite (bassin du Mandrare), aux environs d'Isomono
(confluent de la Sakamalio), Mt. Morahariva, alt.
1000-1400 m. (Humbert 13.199).

Madagascar

Eragrostis mangalorica Hochst. in Miquel, Anal. Bot.
Ind. 2: 26. 1851; Verh. Nederl. Inst. III. 4: 38.
1851. "Hochst. mss."

"ad litus prope urbem Mangalor lecta.... (Metz n.
262)."

India

Eragrostis manikensis De Wild. Bull. Jard. Bot. Brux.
6: 68. pl. 5. 1919.

"Manika ... (Ad. Hook)..."

[Congo Africa]

Eragrostis margaritacea Stapf in Thiseit.-Dyer,
7: 604. 1900.

"Kalahari Region: Orange Free State; between
Kimberley and Bloemfontein, Buchanan, 282! Transvaal
Bosch Veld, at Klippan, Rehmann, 5372!"

So. Africa

Eragrostis maritima Chevalier, Bull. Mus. Hist. Nat.
(Paris) 20: 473. 1948.

Senegal: Mbidjem, dans les Nyayes (Chev., no. 2232);
terrains saumâtres pres de Fadiout (Ezanne, no. 29).

Central Africa

Eragrostis marlothii Hack. Bot. Jahrb. Engler
11: 404. 1889.

"Betschuanaland, in planitie ad fontem Koo, ...
(Marl. n. 1039b)."

So. Africa

Eragrostis marquisensis F. Brown, Bishop Mus. Bull.
84: 81. pl. 9B. 1931.

"Marquesas, Fatuhiva, January, 1922, F. Brown,
no. 969, type."

[Marquesas Isl. Asia]

Eragrostis mattogrossensis Pilger, Bot. Jahrb. Engler
30: 140. 1901.

"Mattogrosso: zerstreut zwischen Sandsteinblöcken
am trocknen Ufer des Quellflusses des Ronure
(n. 558. --Mai 1899). [Hermann Meyer, coll.]

Brazil

Eragrostis mattogrossensis f. *glabrescens* Pilger, Bot.
Jahrb. Engler 30: 141. 1901.

"Mattogrosso: zerstreut an sandigen, offenen Stellen
im Serrado bei Cuyabá (n. 223. --Februar 1899); auf
offener Sandfläche an der Bandeira bei Cuyabá (n.
336. --März 1899). [Hermann Meyer, Coll.]

Brazil

Eragrostis mauritii Hitchc. Mem. Bishop Mus.
8: 129. 1922.

"Type in the Gray Herbarium of Harvard University,
collected on sandhills at Wailuku, Maui, Hawaiian
islands, by the Wilkes Exploring Expedition."

Hawaii

Eragrostis mauritii Steud. Syn. Fl. Glum. 1: 272. 1854.

"Urville legit in Ins. Mauritii. Borbon."
Mauritius. Bourbon east of Africa

Eragrostis maxima Baker, Journ. Linn. Soc. Bot.
21: 454. 1885.

Cites: *Megastachya maxima* Bojer MSS. "Baron 2551.
Gathered also long ago by Bojer"
[Madagascar]

Eragrostis maxima Pourn. ex Hemsl. Biol. Centr. Amer.
Bot. 3: 574. 1885, nom. nud.; Mex. Fl. 2: 114. 1886.
Not Baker 1885.

"S. Jean d'Ulloa, --- (Gouin n. 91); S. Augustin, ---
(Liebm. n. 482)"

Saint-Dominique (Poiteau in herb. Juss.)"

Mexico

Eragrostis maypurensis (H.B.K.) Steud. Syn. Fl. Glum.
1: 276. 1854; Doell in Mart. Fl. Bras. 2³: 153.
1878.

Based on *Poa maypurensis* H.B.K.

Venezuela

Eragrostis maypurensis var. *densiuscula* Pilger, Bot.
Jahrb. Engler 70: 349. 1939.

"São Paulo: Rio Clara, auf Campo (Löfgren no. 576--
Juni 1888; Typus!)"

Brazil

Eragrostis maypurensis var. *meratiana* (Kunth) Pilger,
Bot. Jahrb. Engler 70: 348. 1939.

Based on *Poa meratiana* Kunth

Brazil

Eragrostis megalosperma F. Muell. ex Benth. Fl.
Austral. 7: 644. 1878.

"Queensland, Rockhampton, O'Shanesy; Gwydir River,
Leichhardt."

Australia

Eragrostis megalostachya St. Lager, in Carlet, Étude
des Fleurs VIII. 2: 935. 1889.

France

Eragrostis megapotaica (Spreng.) Schult. Mant.
3(Add. 1): 617. 1827.

Based on *Poa megapotaica* Spreng.

Rio grande, Sello
[Brazil]

Eragrostis megastachya (Koel.) Link, Hort. Berol.
1: 187. 1827.

Based on *Poa megastachya* Koel,

Europe

= *E. cilianensis* Man. U. S.

Eragrostis megastachya var. *acutiuscula* Hack. Allg.
Bot. Zeitschr. 15: 156. 1909.
Same in Kneucker Exs. Gram. ex 26. no. 757. 1909.
Nr 757 Kneucker Exs.

"In den Steppen bei Kibwesi---Ukambani in british
Ost-afrika, ---26 Juni 1906. leg. Georg Scheffler."

Eragrostis megastachya var. *aprica* Bornm. ex Drar,
Min. Agr. Egypt Bull. No. 149: 55. 1936, without
descrip.

title of article: Enum. of Fl. coll. at Gebel Elba
during two expeditions M. Drar, Coll.

1932: 399 Bir Abraq, Da mer.

Dist.: (Da Mer.)

Obs.: An annual grass. Much smaller in size than
the type. Common near water.

Eragrostis megastachya var. *cilianensis* Aschers. &
Graebn. Syn. Mitteleur. Fl. 2: 371. 1900.

Based on *Poa cilianensis* All.

= *Eragrostis cilianensis* Man. U. S.

Italy

Eragrostis megastachya var. *compacta* (Ragel) Krylov,
Fl. Zapad. Sibiri Pt. 2. 256. 1928.

Based on *Eragrostis poaeoides* var. *compacta* Hagel

(Semenow in 1857 [Turkestan])

Eragrostis megastachya var. *densiflora* Guss. Fl. Sic.
Syn. 1: 103. 1843.

Only description: "spiculis lanceolato-linearibus
multifloris elongatis 6-10 lin. longis confertissimis;
quae varietates omnes nunquam in *E. poaeoides*
transeunt."

"Sicilia = et in Ustica, Isole Eolie, Pantellaria."

Italy

Eragrostis megastachya var. *intermedia* Guss. Fl. Sic.
Syn. 1: 103. 1843.

Only description: "spiculis lanceolato-linearibus
confertioribus 4-7 lin. longis."

"Sicilia = et in Ustica, Isole Eolie, Pantellaria."

Italy

Eragrostis megastachya var. *minor* Guss. Fl. Sic. Syn.
1: 103. 1843.

Only description: "spiculis ovatis paucifloris 1-3
lin. longis raris."

"In agris cultis, et sterilibus, in collibus herbidis
ad vias ubique in Sicilia = et in Ustica, Isole Eolie
Pantellaria."

Italy

Eragrostis megastachya var. *parvispicula* Reynier, Bull.
Acad. Internat. Géogr. Bot. 12: 6. 1903.

"La Gavotte, Saint-Antoine! Provence, France

Eragrostis megastachya var. *thyrsiflora* Willk. ex
Willk. & Lange, Prodr. Fl. Hisp. 1: 83. 1861.

"in agro Madrit. hb. Bout[elou]!"

Spain

Eragrostis megastachya var. *verrucosa* Schlecht.
Linnaea 27: 477. 1854.

"E. seminibus plantarum montis Taurus Asiae Minoris
in horto bot. Halensi educta"

Asia Minor

Eragrostis membranacea Hack. ex Schinz, Verh. Bot.
Ver. Brand. 30: 148. 1886.

"Standort: Olukonda, Ondonga-Stamm (Amboiland)."

So. Africa

Eragrostis mendocina (Phil.) Jedw. Bot. Archiv Mez
5: 192. 1924.

Based on *Ipnum mendocinum* Phil.

= *Leptochloa dubia* H.B.K. Man. U. S.

S. America

Eragrostis meratiana (Kuntze) Steud. Syn. Fl. Glum.
1: 276. 1854.

Based on "*Poa meratiana* Kunth."

Brazil

Eragrostis mexicana (Hornem.) Link, Hort. Berol.
1: 190. 1827.

Based on "*Poa mexicana* Hornem."

Cult. Madrid from Mexican seed

Eragrostis mexicana var. *genuina* Doell in Mart. Fl.
Bras. 2(3): 143. 1878.

"[*E. mexicana* Nees]"

Eragrostis mexicana var. *pilosior* Doell, in Mart. Fl.
Bras. 2³: 143. 1878.

"*E. mexicana* (Nees Agr. Bras.) cited.

"prope Montevideo (Sello)" Uruguay

in Nees, Agrost. Bras. 504 is
"*Eragrostis expansa* Link"
"*Poa nigricans* Spr."

Uruguay

Eragrostis mexicana var. *pygmaea* Doell, in Mart. Fl.
Bras. 2³: 143. 1878.

"Habitat prope Montevideo (Sello,....."

Uruguay

Eragrostis miorantha Hack. Contr. Herb. Boiss.
3: 389. 1895.

"Republia Oranensis: Draaifentein (Rehm. 3645,
3675)."

Africa

"aff. *E. biflorae* Hack."

Eragrostis microcarpa Vickery, Contr. New South Wales
Nat. Herb. 1(6): 339. 1950.

Holotype: New South Wales: Bourke, J. Vickery,
22.12.1934 (NSW. No. 9208).

Eragrostis microsperma Rendle, Cat. Afr. Fl. Welw.
2³: 248. 1899.

"Pungo Andongo....By sandy roadsides from Quicouza
towards Cacuaao....No. 7279." [Welwitsch]

Angola. Africa

Eragrostis microstachya (Link) Link, Hort. Berol.
2: 294. 1833.

Based on *Poa microstachya* Link, Hort. Berol 1: 185.
1827.

Montevideo Uruguay

Eragrostis mildbraedii Pilger, Bot. Jahrb. Engler
43: 95. 1909.

"Deutsch-Ostafrika; Bukoba, dünenartige Strandfer-
mentation an der Mündung des Kanoni in den See, Haupt-
bestandteil der Dünenformation (Mildbraed n. 29.--
Blühend im Juni 1907)"

Africa

Eragrostis milleflora Steud. Syn. Fl. Glum. 1: 265.
1854.

Timor

Eragrostis millettii Nees in Hook. & Arn. Bot. Beechey's
Voy. 252. 1838.

"Hab. Circa Macao, et in insulis vicinis; Millett;
G. H. Vachell, n. 34."

China

Eragrostis minima Jedw. Bot. Archiv Mez 5: 188. 1924.

"Nubia, in Nili albi limo ad Getana (Schweinfurth
nr. 918), loco non indicato (Kotschy)"

Africa

Eragrostis minor Hest, Icon. Gram. Austr. 4: 15. 1809
[name untenable because the genus was not validly
published until 1812]; Fl. Austr. 1: 135. 1827.

Based on *Poa eragrostis* L.
= *Eragrostis poaeoides* Man. U. S.
Italy

Eragrostis minor var. *luxurians* Grossh. Trudy Bot. Inst.
Azerbaidzh. Fil. Akad. Nauk S.S.S.R. 8: 231. 1939,
in Russian.

"Vostochno-Zakavkazskii." [p. VII] transliteration
Caucasus. Russia. Eur.

Eragrostis minor var. *maritima* Merino, Fl. Desor.
Ilustr. Galicia 3: 318. 1909.

"(Herbar. num. 1.947)." "La variedad en los
alrededores del Pasaje de Camposancos, en las
huertas y baldios próximos a la costa."
Spain

Eragrostis minor var. *megastachya* (Link) Davy in
Jepson, Fl. West. Mid. Calif. 60. 1901.

Based on *Eragrostis megastachya* Link
= *Eragrostis cilianensis* Man. U. S.
Europe

Eragrostis minor var. *setifolia* Savul. et Bayss,
Buletin. Agr. 4: (Suppl. 2): 30. 1924.

"apud Balti ubi d. 17. VII legimus."
[Fl. Bessarabia. Rumania]
Europe

Eragrostis minor var. *suaveolens* (Becker) Schmalh.
ex Fedtsch. Bull. Jard. Bot. Pierre Grand 14(Suppl.
2): 68. 1915.

Based on *E. suaveolens* Becker
Sarepta - Russia

Eragrostis minor var. *subsessilis* Kuntze, Rev. Gen.
Fl. 2: 774. 1891.

"Hongkong, Anam."
China

Eragrostis minutiflora Presl, Rel. Haenk. 1: 274. 1830.

Change of name from "*Poa biflora* Retz," obs. 5. p.19.
"Nomen Retzianum minime congruum mutandum esse
consequens."
Hab. ad Sorgozon Luzonias.
Philippines

Eragrostis mokensis Pilger, Bot. Jahrb. Engler
51: 419. 1914.

"Fernando Poo: Grasland (Bergweiden) von Moka im
Südosten der Insel, ... (Hildbrand n. 71021)"
Africa

Eragrostis mollis Pilger in Von Rosen, Wiss. Ergeb.
Schwed. Rhod.-Kongo Exped. 1: 213. 1915.

"Nordost-Rhodesia: Panta am Bangweolo-See, auf
Lichtungen....n. 830." Africa
Von Rosen, coll. Africa

Eragrostis molybdea Vickery, Contr. New South Wales
Nat. Herb. 1(6): 338. 1950.

Holotype: New South Wales: Singleton, J. L.
Boorman, 4.1908 (NSW. No. 7899).
Australia

Eragrostis monandra Hack. Report Sp. Nov. Fedde
7: 320. 1909.

§ *Catacalastes* = *sectio altera* *Poa* *gen.*

"Brasilia, Rio Grande do Sul, Municipio Rio Fardo,
prope Fazenda Soledade 70 m s. m., XII. 1905,
leg. C. Jurgens."

Eragrostis monodii A. Camus, Extrait de Quezel, Mission
botanique du Tibesti Mem. no. 4. de l'Institut de
Recherches Dahariennes de l'Universite d'Alger 97-98.
1958.

Tibesti: Aozou: lieux humides, Monod, no. 8.098.
1940. Carvalho (1952) types: herb. Mus. Paris.

Eragrostis montana Balansa, Journ. de Bot.
4: 168. 1890.

"Mont de Pursat (Cambodge) (Godefroy, 487)."
Indo-Chine

Eragrostis monticola (Gaud.) Hillebr. Fl. Hawaiian
Isles. 531. 1888.

Based on "*Poa monticola* Gaud."
in insulis Sandwichensibus
Hawaiian Isles.

Eragrostis montufari (H.B.K.) Steud. Nom. Bot. Ed. 2.
1: 563. 1840; Syn. Fl. Glum. 1: 275. 1854.

Based on "*Poa montufari* H.B.K." [K.]
"plantie Chillensi prope la Hacienda de Don Carlos
Montufar: item juxta Puenbo et San Antonio de
Lulumbamba...Regno Quitensi)."
Ecuador

Eragrostis moritzii Jedw. Bot. Archiv Mez 4: 328. 1923.

"Venezuela, Merida, in der Alpinen Region (Moritz
nr. 1570)."
= *E. mokensis* Pilg. see herb.

Eragrostis mossulensis Steud. Syn. Fl. Glum. 1: 264.
1854.

"E. namaquensis Hochst. Hrbr. Kotschy Alepp. nr.
434. a, non Nees, nr. 127, Syria

Eragrostis mucronata Roem. & Schult. Syst. Veg.
2: 577. 1817.

"In India orientali B. Heyne."

Eragrostis mucronata (L.) Deflors, Bull. Soc. Bot.
France 34: 69. 1887. Not Roem. & Schult. 1817.

Based on *Uniola mucronata* L.
India

Eragrostis muerensis Pilger, Notizbl. Bot. Gart.
Berlin 13: 408. 1936.

"Bezirk Lindi: Muera-Plateau ca. 600 m. ü. M.,
westliche Ausläufer, lichter Wald (April 1935---
H. J. Schlieben n. 6289).
Tanganyika

Eragrostis multicaulis Steud. Syn. Fl. Glum. 1: 426.
1855.

Type loc.: "Japania." Man. U. S.

Eragrostis multiflora (Roxb.) Trin. Mem. Acad. St.
Petersb. VI. Math. Phys. Nat. 1: 401. 1830.

Based on "*Poa multiflora* Roxb." 1820. Not Forsk.
1775.
India

Eragrostis multiflora (Forsk.) Aschers. Fl. Prov.
Brandenb. 1: 841. 1864. Not Trin. 1830.

Presumably based on *Poa multiflora* Forsk.

Egypt
"---examination of type shows it to be---closely
allied to *Eragrostis chalcantha* Trin. It appears to
be confined to southwest Arabia (Yemen). C. E. Hubb.
Kew Bull. 1933: 18. 1933.

Eragrostis multiflora var. *biformis* (Kunth) Cheval.
Rev. Bot. Appl. 15: 1042. 1935, without descr.

Based on *E. biformis* Kunth
Senegambia ou Senegal
Africa

Eragrostis multiflora var. *cilianensis* (All.) Maire,
Bull. Soc. Hist. Nat. Afr. Nord (Alger.) 30: 369.
1939.

Presumably based on *Poa cilianensis* All.
= *Eragrostis cilianensis*
Italy

Eragrostis multiflora var. *glandulifera* Chiov. Ann.
Ist. Bot. Roma 8: 370. 1908.

"Assorta: lungo il torrente Haddas (P. n. 2611)."
[Colonia Eritria Africa]

Eragrostis multiflora var. *insularis* A. Terraco. in
Chiov. Ann. Ist. Bot. Roma 8: 65. 1903.

"Arcipelago Dahalak: Isola Dahalak Cumbeibak Has An-
talo 11-12. IV. 1892 (T. n. 778 sub *E. insularis*)"
...(first cited). (Herb. Romani)"
[Terracciano, Coll.]
Isl. Red Sea, Africa

Eragrostis multiflora var. *insularis* f. *violacea*
A. Terraco. in Chiov. Ann. Ist. Bot. Roma 8: 65.
1903.

"Hab.: "Arcipelago Dahalak: I. Dahalak Cumbeibak
11-12. III. 1892 (T. n. 777....)
[Terracciano, Coll.]
Islands Red Sea. Africa

Eragrostis multiflora var. *leersoides* (Guss.) Richt.
Fl. Eur. 1: 73. 1890.

Based on *Poa leersoides* Guss.
[Italy]

Eragrostis multiflora var. *nana contracta* Stapf ex
Schinz, Vierteljahrs. Nat. Ges. Zürich 56: 82. 1911.

Eragrostis multiflora var. *Pappiana* Chiov. Ann. Ist.
Bot. Roma 8: 65. 1903.

"Samhar: Saati 8. III. 1892 (T. P. n. 2868)" (first
cited) [Terracciano & Pappi, coll.]
Eritrea, Africa

Eragrostis multiflora var. *subbiloba* Chiov. Ann. Ist.
Bot. Roma 8: 370. 1908.

Eritrea, Africa

"Dembelas: Dintorni di Ferfer (P. n. 6156); lungo il
Mai Makatar (P. n. 6057); Mai Gahan (P. n. 6625).
Beni Amer.: Monte Damba (P. n. 5964); Carajai (P. n.
6186)...(P. n. 6346); ... (P. n. 6374). ... (P. n. 6641).
lungo il fiume Soetel presso Dalul (P. n. 6453).
Sarad: lungo il fiume Mareb presso Debarroa....(P. n.
412).
Medriod Tasfa: Mumat Mahader..(P. n. 6675); Adi
Ghebus....(P. n. 7248)." [P. = Pappi]

Eragrostis multiflora var. *triticea* (Presl) Richt. Fl.
Eur. 1: 73. 1890.

Based on *Megastachya triticea* Presl
Sicily

Eragrostis multipes S. Moore, Trans. Linn. Soc. Bot.
II. 4: 511. 1895.

"Hab. In cacumine montium Serra da Chapada prope
Santa Anna da Chapada... (n. 131)." [Spencer Le M.
Moore Botanist of Expedition. Matto Grosso Exped.
1891-92]
Brazil

Eragrostis namaquensis Nees ex Schrad. Linnaea 12: 452.
1838; Nees, Ind. Sem. Vratisl. 1835.

"Cat. sem. H. Vratislav. 1835.--Cap. b. sp. Drege."
Africa

Eragrostis namaquensis Hochst. ex Steud. Syn. Fl.
Glum. 1: 264. 1854, as syn. of *Eragrostis mossulensis* Steud.

Africa

Eragrostis namaquensis var. *robusta* Stapf in Thiseit.-
Dyer, Fl. Cap. 7: 630. 1900.

"Kalahari Region: Oriskaland West, Herbert Div.;
near St. Clair, Douglas, Orpen, 247!"

Africa

Eragrostis namaquensis var. *uninodis* Hack. ex Schinz,
Vierteljahrs. Nat. Ges. Zürich 56: 83. 1911.*

"Hereroland. Tsoachaub, bei Salem, Dinter 140."
S. W. Africa

"Most of the specimens named *E. namaquensis* Nees var.
uninodis Hack. are in fact *E. pusilla*. I have not
been able to trace a valid publication of the var.
uninodis" DeWinter, Bothalia 7: 390. 1960--

S. W. Africa

Eragrostis nana contracta Stapf in Schinz, Viertel-
jahrs Nat. Ges. Zürich. 56: 82. 1911, nom. nud.

Hereroland: Spitzkopjes, Dinter 54.

Africa

Eragrostis nardoides Trin. Mém. Acad. St. Pétersb. VI.
Math. Phys. Nat. 1: 415. 1830.

"V. spp. Nepal."

= *Eragrostiella nardoides* (Trin.) Bor
Asia

Eragrostis natalensis Hack. Bull. Herb. Boiss.
7: 28. 1899.

"Natal: De Beers Pass, Drakensberge....Wood. 5995."
Africa

Eragrostis nebulosa Stapf in Thiseit.-Dyer, Fl. Cap.
7: 603. 1900.

Specimens cited under Coast Region, Kalahari Region
and Eastern Region.

So. Africa

Eragrostis neesii Trin. in Mém. Acad. St. Pétersb. VI.
Math. Phys. Nat. 1: 405. 1830.

Based on
"*Eragrostis brasiliensis* var. *N. ab Es.*"
Brazil

Eragrostis neesii var. *expansiflora* Nicora, Rev.
Argentina Agron. 7: 258, 265. f. 3. 1940.

"Argentina: Santa Fé: costa, leg. A. Burkart no. 9061
3-VII-1938 hab. en praderas virgenes... (San Isidro:
Instituto Darwinion--Typus varietatis)."

S. Amer.

Eragrostis neesii var. *laxa* Jedw. Bot. Archiv Mez
5: 206. 1924.

"Brasilia loco non indicato (Olaziou nr. 20143,
Sellow); Rio Grande do Sul, ad Neu-Württemberg (Born-
muller nr. 401); Minas Geraes, loco non indicato
(Mendonça nr. 335); Sao Paulo, Jacarany Mendonça
nr. 684); Paraguay sept. inter Rio Apa et Rio
Aquadaban (Fiebrig nr. 5106)."

Eragrostis neesii var. *Lindmani* (Hack.) Ekman, Ark.
für Bot. 13⁴⁰: 51. 1913.

Based on *Eragrostis Lindmani* Hack. ap. Lindman
Brazil....Regnell-A, 267.

Eragrostis neo-mexicana Vasey, Contr. U. S. Nat. Herb.
2: 542. 1894.

"Mountain sides, western Texas to southern
California." Man. U. S.

Eragrostis nervosa Hochst. Flora 38: 327. 1855.

"(in pll. abyss. anno 1853 a Schimpere lectis Hb.
Buch. nr. 770.)"

Africa

Eragrostis nevinii Hance, Journ. Bot. Brit. & For.
18: 302. 1880.

"Scous fl. North River, ad angipertum Tsing-yün, m.
Octobri 1876 leg. Rev. J. C. Nevin, alibique in
prov. Cantonensi non rara occurrit. (Herb. propr.
n. 20602.)."

China

Eragrostis nigerica Chevalier, Bull. Mus. Hist. Nat.
(Paris) 20: 470. 1948.

Soudan français: commun sur les bords de sable dans
le lit du Niger, après le retrait des eaux entre
Tombouctou et Siguiri. San, bords du Bani (Chev.,
no. 1093, type); Djenne (Chev., no. 1120). Rives
du lac Faguibine (A. Leclercq in Hb. Chev., no.
42585 bis).

Central Africa

Eragrostis nigra Nees ex Steud. Nom. Bot. ed. 2.
1: 563. 1840, nom. nud.; Syn. Fl. Glum. 1: 267.
1854.

Type loc.: "Penins. Ind. or."

Eragrostis nigra var. *cochinchinensis* A. Camus, Bull.
Mus. Hist. Nat. (Paris) 25: 498. 1919.

"Cochinchine (Pierre)."

Eragrostis nigra var. *trachycarpa* Benth. Fl. Austral.
7: 643. 1878.

"N. S. Wales. New England, C. Stuart; Armidale,
Perrott."

Australia

Eragrostis nigricans (H.B.K.) Steud. Nom. Bot. ed. 2.
1: 563. 1840.

Based on "*Poa nigricans* H.B."
[H.B.K.]

Ecuador: Conocoto, Chillo et Sangolqui

Eragrostis nigricans var. *tristis* (Jedw.) Pilger,
Notizbl. Bot. Gart. Berlin 11: 778. 1933.

Based on *E. tristis* Jedw.

Bolivia, ad Huancapamba (Pflanz nr. 359), Quechida
(Bender no. 19); Peruvia, prope Taona (Meyen)

Eragrostis niuhauensis Whitney, Occas. Papers Bishop
Mus. 12⁴: 6. f. 2. 1936.

Niuhau: Feb. 1912, Kalua Keale (type, in Bishop
Museum) Dupl. U.S.

Hawaiian Isls.

Eragrostis nindensis Ficalho, & Hiern, Trans. Linn.
Soc. Bot. II. 2: 32. 1881.

Central Africa. "Serpa Pinto, no. 51."
Upper course of river Ninda [Angola]

Eragrostis nitida Link, Hort. Berol. 1: 193. 1827.

"Hab. in Aegypto, Nubia. Ehrenberg."

Eragrostis nitida (Ell.) Chapm. Fl. South. U. S. 564.
1860. Not Link 1827.

Based on *Poa nitida* Ell.

= *Eragrostis elliotii* Man. U. S.

Eragrostis niwahokari Honda, Bot. Mag. Tokyo 41: 387.
1927.

"*Eragrostis pilosa* (non Beauvois) Steud. Syn. Glum.
1. p. 263 pro parte" cited.

Yezo: Miyabe in 1884. Hondo: Matsumura 43 in 1879,
Tokyo Matsumura in 1879.--Yabe, Kiusiu, in 1901.--
Formosa, Nakino in 1896 at Kelung, among many cited.
These are listed to select type, because these names
are those of authors of "*Erag. pilosa* non Beauv."
given by Honda.

Japan

Eragrostis novo-caledonia Jedw. Bot. Archiv Mez
5: 207. 1924.

"Nova Caledonia, Ile des Pins (Panther)."
South Pacific

Eragrostis nutans (Betz.) Nees ex Steud. Nom. Bot.
ed. 2. 1: 563. 1840.

Same comb. made by Boiss. in 1884.

Based on *Poa nutans* Betz.

Tranquebaria (Koenig)

Eragrostis nuttalliana (Kunth) Steud. Nom. Bot. ed. 2.
1: 563. 1840; Syn. Fl. Glum. 1: 273. 1854.

Based on *Poa Nuttallii* Kth. [Kunth] *how illeg*
[Kunth] *how illeg*
= *E. pectinacea* Man. U. S.

Eragrostis obtusa Munro ex Ficalho & Hiern, Trans.
Linn. Soc. II. 2: 32. 1881, without descr.; Dur. &
Schinz, Consp. Fl. Afr. 5: 886. 1894, nom. nud.;
Stapf in Thiseit.-Dyer, Fl. Cap. 7: 625. 1898.

"Briza geniculata Thunb. ...Kth....Steud."
South Africa

Eragrostis obtusa Munro ex Stapf in Dyer, Fl. Cap.
7: 625. 1898.

South Africa

Man. U. S.

Eragrostis obtusiflora (Fourn.) Scribn. U. S. Dept. Agr.
Div. Agrost. Bull. 8: 10. pl. 5. 1897.

Based on "*Brizopyrum obtusiflorum* Fourn.?" this
given with "?" See type card.

[Orizaba, Mex. Ray.]

Eragrostis Oldfieldii Domin, Bibl. Bot. 85: 402. 1915.

"West-Australia: Oolinyarra, Murchison, very wet
places (Oldfield)."

Eragrostis olivacea Schum. Pflanzenw. Ost-Afr. 5^o:
114. 1895.

"Usambara, Mlalo.--Holst n. 269)"

Tanganyika, Africa

Eragrostis olivacea var. *congesta* Schum. Pflanzens.
Ost.-Afr. 5^o: 114. 1895.

"Kilimandscharo.--am Mawensi.--Volkens n. 894, 987)."
Tanganyika Africa

Eragrostis olmedi (Humb. & Bonpl.) Steud. Nom. Bot.
ed. 2. 1: 564. 1840.

Based on "*Poa olmedi* H.B."

"in --Peruanis et Loxae---juxta domum ---Don Vicente
Olmedo, Peru

[? Loja, Ecuador]

Eragrostis omahensis de Winter, Bothalia 7: 473. 1961.
[Name from Herero word "Omahke" term used to describe
sandy tree savanna of NE, South West Africa.]

South West Africa.-- Gobabis: 12.7m. W. of Gobabis; de
Winter 2498 (holotype, PRE, isotype, K, M, BM, Wind-
hoek); 25m. W. of Gobabis, de Winter 2498; near Stein-
hausen Police Station, de Winter 2435; Okasondana,
Schwerdtfeger 4136; de Liebenberg 4560, 4663; Babibabi
Liebenberg 4663. Okahandja: Bradfield 387; Teufels-
baoh, de Winter 2695; Oukongo, Dinter 3364.
Otjiwarongo: Quickborn, Bradfield 425, 365. "Erect
caespitose annual.--"

Eragrostis orcuttiana Vasey, Contr. U. S. Nat. Herb.
1: 269. 1893.

"Type specimen collected at San Diego, California,
by C. R. Orcutt, in 1885, (No. 1313), and others at
San Bernardino, California by S. B. Parish."

Man. U. S.

Eragrostis oreophila L. H. Harvey, Univ. Microfilms
Publ. 967: 121. 1948.

1948 (Specimen typicum: V. H. Chase n. 7223 $\frac{1}{2}$ (U. S.
1763115), Jun. 29, 1939, in desolitate saxosa ad
altitudinem 1500m. prope "Jacala, Hidalgo," in
Republica Mexicana. T
1954 same

Eragrostis orientalis Trin. Mém. Acad. St. Petersb.
Savants Étrangers 2: 145. 1833.

"[Northern China col. Bunge]"

[also from seed Naples and St. Petersburg]

Eragrostis Orinocensis (H.B.K.) Fourn. Mex. Pl.
2: 118. 1886.

Based on "*Poa erinocensis* H.B.K." this herb. name
of *Poa maypurensis* H.B.K. cited by Fourn. as syn. of
Megastachya oxylepis

[T = *Eragrostis maypurensis*]

Orinoco, Venez.

Eragrostis orthocladia Hack. Bull. Herb. Boiss. II.
4 $\frac{1}{2}$: 281. 1904.

"In arenosis salsis in regione cursu superioris
fluminis Apa. Jan., n. 8347, 8460."

[Paraguay. Hassler]

Eragrostis ovina Hochst. ex A. Rich. Tent. Fl. Abyss.
2: 428. 1851, as syn.

Abyssinia Africa

Eragrostis owariensis (Beauv.) Steud. Syn. Fl. Glum.
1: 269. 1854.

Based on *Megastachya owariensis* Beauv.

= *Megastachya muconata* (Poir.) Beauv.

Basis of Africa

(*Centotheca muconata* (Poir.) Kuntze)

In text Beauv. Ess. Agrost. "*Megastachya muconata*
Beauv." is the name used.

Eragrostis oxylepis (Torr.) Torr. U. S. Expl. Miss.
Pacif. Rept. 4: 156. 1857.

Based on *Poa oxylepis* Torr. Man. U. S. II.

Eragrostis oxylepis var. *beyrichii* (J. G. Smith)

Shimera, Field & Lab. 20(1): 34. 1952.

Based on *Eragrostis beyrichii* J. G. Smith, Ann. Rept.
Mo. Bot. Gard. 6: 117. 1895.

= *Eragrostis beyrichii* J. G. Smith Man. U. S.

Eragrostis palisoti Dur. & Schinz, Consép. Fl. Afr.
5: 887. 1894.

Based on "*Megastachya* P. Beauv." [error for *Poa*
muconata Poir.]

"Nous avons dû changer le nom de cette espèce parce
qu'il y a déjà deux *Eragrostis muconata*." [Steud.]

Eragrostis pallens Hack. Contr. Herb. Boiss.
3: 392. 1895.

"Transvaal: Boshveld inter Elandsriver et Klippan
(Rehm)."

Africa

Eragrostis pallescens Hitchc. Journ. Washington Acad.
Sci. 19: 303. 1929.

"Type in the U. S. National Herbarium, no. 1385811,
collected at Timbuktu, French Sudan, June 6, 1927,
by O. Hagerup (no. 105)."

Eragrostis pallida Vasey, Contr. U. S. Nat. Herb.
1: 285. 1893.

"Collected in a ditch at Colima, January 9 to
February 6, 1891. (No. 1268) by Dr. Edward Palmer."

Man. U. S. Mexico

= *E. glomerata* (Walt) Dewey, A.S.H. Mex. Gr.

Eragrostis palmeri S. Wats. Proc. Amer. Acad.
18: 182. 1883.

"At Juarez, on the Sabinas River, Coahuila (1368)."
[collected chiefly by Dr. E. Palmer in 1879-80]
from title

Eragrostis panamensis Presl, Rel. Haenk. 1: 277. 1830.

Hab. in Panama

= *Eragr. maypurensis* Steud. in Hitchc. Ecuador,
Peru & Boliv.

Eragrostis paniciformis (A. Br.) Steud. Syn. Fl. Glum.
1: 268. 1854.

Based on "*Poa paniciformis* A. Braun."

= *Eragrostis*

Abyssinia

Eragrostis panicoides (Presl) Steud. Syn. Fl. Glum.
1: 278. 1854.

Based on *Megastachya panicoides* Presl

Mexico

= *Leptochloa panicoides* (Presl) Hitchc. Man. U. S.

Eragrostis paniculata (Roxb.) Steud. Syn. Fl. Glum.
1: 266. 1854.

Based on *Poa paniculata* Roxb.

India

Eragrostis panormitana Lojac. Fl. Sicul. 3: pl. 15.
f. 1. 322. 1909.

"*E. poaeoides* Cuss. (ex parte) quoad plantam e
Bagheria!"

Sicily

Eragrostis pappiana (Chiov) Chiov. Ann. Ist. Bot.
Roma 8: 371. 1908.

Based on *Eragrostis multiflora* var. *Pappiana* Chiov
[Italy]

Eragrostis pappiana var. *insularis* A. Terrac. ex Chiov.
in Piretta

"Hamasen: Ghinda II. 1907 (n. 770).
Dembesan: Braucaga 29, V, 1907. (n. 771)"

Africa

Eragrostis Pappii Gandog. Bull. Soc. Bot. France
68 $\frac{1}{2}$: 299. 1920.

"Hab.: Africa orient., Erythraea ad Beni Amer.
(Pappi n. 5964!)"

Eritrea

Eragrostis papposa (Roem. & Schult.) Steud. Nom. Bot.
Ed. 2. 1: 564. 1840.

Based on *Megastachya papposa* R. & S."

Spain

Eragrostis parviflora (R. Br.) Trin. Mém. Acad. St.
Petersb. VI. Math. Phys. Nat. 1: 411. 1830.

Based on "*Poa parviflora* Br."

Australia

Eragrostis parviglumis Hochst. ex Steud. Syn. Fl.
Glum. 1: 267. 1854.

"(in Hohnkr. Hrbr. Ind. nr. 936) Mont. Nilagiri."

India

Eragrostis parviglumis var. *conspicua* Hack. ex Hand.-
Mazz. Symb. Sinicae 7 $\frac{1}{2}$: 1282. 1936.

"Yunnan: von Dapingdis (Delavay 2504)."

China

Eragrostis parvula Steud. Syn. Fl. Glum. 1: 277. 1854.

E. purshii var. *parvula* Fourn. based on this.

"Mexico"

Eragrostis passa Renile, Cat. Afr. Fl. Welw.
2 $\frac{1}{2}$: 238. 1899.

"Huilla---Rather damp abandoned fields near Lopelle
....No. 2656." [Welwitsch]

Angola, Africa

Eragrostis pastoensis (H.B.K.) Trin. Mém. Acad. St.
Petersb. VI Sci. Nat. 2 $\frac{1}{2}$: 71. 1836.

Based on "*Poa pastoensis* Hb. et Kth."

Novogranatensis...prope Pasto...montis Arandensis
[Colombia or Venezuela]

Eragrostis patens Oliver, Trans. Linn. Soc. 29: 175.
1875.

"Hab. Unyoro, Aug. 1862 (*Eragrostis* no. 4, App.
Speke's Journ. 653), Col. Grant!"

Uganda--Africa

Eragrostis patens var. *congoensis* Franch. Bull. Soc.
Hist. Nat. Autun. 8: 382. 1893.

"Hab.--Congo, dans la région du Niari, à Comba
(Thollon n. 1000).--Congo belge, sur le plateau de
Lutété (F. Hens, n. 328)." F. Hens.

Africa

Eragrostis patens var. *pilosa* Peter, Repert. Sp. Nov.
Fedde(Beih.) 40: Anhang, 101. 1930; 323. 1931.

"D O Afr., Ufioni: Bonga → Bereu, Wegkehr in
Pienars Heights"

"Specimina authentica Peter 44206"
East Africa

Eragrostis patenti-pilosa Hack. Proo. Rhodesia Sci.
Assoc. 7: 67. 1908.

♀ *Pterocassa*

"leg. Jeffreys, Maio 1907, no. 33."

"Bulawayo" S. Africa

Eragrostis patentissima Hack. Centr. Herb. Boiss.
3: 391. 1895.

"Transvaal: Houtbosh (Behm. 5684)."
Africa

Eragrostis patula (H.B.K.) Steud. Nom. Bot. ed. 2.
1: 564. 1840.

Based on "*Poa patula* H. B." Grasses Andes
near Quito, Ecuador

Eragrostis pauciflora Trin. ex Fourn. ex Hems. Biel.
Centr. Amer. Bot. 3: 575. 1885, nom. nud.; Fourn.
Mex. Fl. 2: 117. 1886.

"Hacienda del Señor Fosado pr. Orizaba (Schaffn. pl.
ed. Hohen. n. 51, Thomas in herb. Buchinger); San
Luis de Potosi (Virlet n. 1383); circa Mojico
(Berl. n. 843)."

Mexico

Eragrostis paupera Jedw. Bot. Archiv Mez 5: 214. 1924.

Cites: *E. falcata* Hillebr. (non Gaudich.) Flor. Hav.
Isl. (1888) 532."

"Insulae Sandwicensis, Oahu (Mann et Brigham nr. 44).
T Hawaiian Isl.

Eragrostis pectinacea (Michx.) Nees, Fl. Afr. Austr.
406. 1841.

"*E. pectinacea* Michx." [Presumably based on *Poa*
pectinacea Michx.]

Man. U. S. Illinois

Eragrostis pectinacea var. *refracta* (Muhl.) Chapm. Fl.
South U. S. 564. 1860.

Based on *Poa refracta* Muhl.

= *Poa refracta* Man. U. S.

Eragrostis pectinacea var. *spectabilis* (Pursh) A. Gray,
Man. ed. 2. 565. 1856.

Based on *Poa spectabilis* Pursh

= *Eragrostis spectabilis* (Pursh) Steud. Man. U. S.
"New York to Carolina"

Eragrostis pellucida (R. Br.) Steud. Syn. Fl. Glum.
1: 279. 1854.

Based on "*Poa pellucida* R. Br."
Australia

Eragrostis pendula Peter, Repert. Sp. Nov. Fedde (Beih.)
40: Anhang, 106. pl. 62. f. 2. 1930.

"Specimina authentica: Peter 19388."
East Africa

[n]
Eragrostis pennsylvanica Scheele, Flora 27: 58. 1844.

= *E. pectinacea* Man. U. S.
Pennsylvania

Eragrostis perbella Schum. ex Engl. Abh. Preuss. Akad.
Wiss. (Berlin) 38.1894; Pflanzenw. Ost. Afr. 5^o: 115.
1895.

"Sansibar--Insel, Hildebr. n. 1080, selten.
Usagara-Usambara (Gombelo.-Holst n. 2207)"

Africa

Eragrostis peregrina Wiegand, Rhodora 19: 95. 1917.

E. pilosa var. *condensata* Hack. ...non *E. condensata*
Steud.

Karlsruhe (Kneucker Gram. Exs. no. 115) Germany

= *E. multicaulis* Steud. Man. U. S.

Eragrostis perennans Keng, Sunyatsenia 3: 16. 1935.

"Type in the Herbarium of the National Research
Inst. of Biology. Academia Sinica, Nanking, China,
collected in open fields, Ying Tak, Kwangtung, Oct.
7, 1929, by C. Wang (No. 30022)."

Eragrostis perennis Doell. in Mart. Fl. Bras. 2^o: 144.
1878.

"Habitat inter Rio Grande et Tejuco prov. Minarum
(Burchell n. 5689)."

Brazil

Eragrostis pergracilis S. T. Blake, Proo. Roy. Soc.
Queensl. 59: 154. 1948.

"Warrego District: Dynevor Downs, in mulga scrub on
reddish very silty loam, about 500 ft., May 22nd.
1939, S. T. Blake 14084 (Type)"

Queensland, Australia

Eragrostis perlaxa Keng, Claves gram. prim. Sinicarum
178. 1957. nom. nud. Not Harvey 1948.

China

Eragrostis perplexa L. H. Harvey, Univ. Microfilm
Publ. 967: 194. 1948.

1948 {Type not designated, "W. L. Tolstead, Aug. 30, 1935.
in alkaline soil, Mellitte Co. South Dakota" marked
"Type" by L. H. Harvey in U. S. Nat. Herb. no.
1645027.

1954 {Specimen typicum legit W. L. Tolstead sine numero
(U.S. 1,645,027), 30 Aug. 1935, e loco alkaline in
"Mellitte Co., South Dakota." Man. U. S.

Eragrostis perrieri A. Camus, Bull. Soc. Bot. France
74: 688. 1928.

"Madagascar occid.: pentes du Mont Tsitondroina...
(Ferrier de la Bathie, no. 11118)."

Eragrostis peruviana (Jacq.) Trin. Mém. Acad. St.
Petersb. VI. Math. Phys. Nat. 1: 396. 1830.

Based on "*Poa peruviana* Jacq. R. et S."

Andes Grasses

Eragrostis peruviana var. *brachythyrus* Pilger, Bot.
Jahrb. Engler 37: 375. 1906.

"Peru: Mollendo... (Weberbauer n. 1462... 'aona...
(Weitschach -- 1891)."

= *E. peruviana* Andes Grasses

Eragrostis petersii Trin. Mém. Acad. St. Petersb. VI.
Sci. Nat. 2^o: 75. 1836.

"V. spp. ex Ins. Taiti."
Society Isl.

Eragrostis phaeantha C. E. Hubb. Kew Bull. Misc. Inf.
1949: 347. 1949.

Nyasaland: Mlanje District; Mlanje Mountain, Luhen-
ya Plateau, frequent on forest paths and open banks
of stream in forest, 1820 m., July 1, 1946, Grass
16567.

Africa

Eragrostis philippica Jedw. Bot. Archiv Mez 5: 191.
1924.

"Australia, Victoria, prope Port Philipp.
(F. V. Müller)."

Eragrostis phleoides Hillebr. Fl. Hawaiian Isl.
530. 1888.

"On old lava fields of Mt. Haleakala, Maui!"
Hawaiian Isl.

Eragrostis phleoides Stapf in Hook. f. Fl. Brit. Ind.
7: 313. 1896. Not Hillebr. 1888.

"Southern India, Heyne."

Eragrostis pieronii Benth. in Hook. Icon. 4: Fl. 1370.
1881.

"Hab. Coast of Beluchistan, O. Pierce"
Asia

Basis of *Coelachyrum pieronii* (Benth.) Bor.

Eragrostis pilgeriana Dinter in Pilger, Bot. Jahrb.
Engler 51: 420. 1914.

(Same specimen pub. as new in Mez, Bot. Archiv
4: 327. 1923, same name.)

"Deutsch-Südwestafrika, Damarabesirk: Okahandja,
stellenweise in grosser Menge (Dinter n. 1657!)." Grass
Africa

Eragrostis pilgeriana Hitchc. Contr. U. S. Nat. Herb.
24: 342. 1927. Not Fries 1905, nor Dinter, 1914.

Based on *Eragrostis andicola* Pilger. Not *E.*
andicola Fries 1905.

Peru: Dept. Ancachs. (Weberbauer no. 3114)

Eragrostis pilifera Scheele, Limaea 22: 344. 1849.

Texas. "Auf trockner, hochliegender Prairie bei
Neubraunfels: Lindheimer."

Man. U. S.

Eragrostis pilosa (L.) Beauv. Ess. Agrost. 71, 162,
175. 1812.

Based on *Poa pilosa* L.

Man. U. S. Italy

Eragrostis pilosa ssp. *ab[?]ssinica* (Jacq.) Aschers. &
Graebn. Syn. Mitteleur. Fl. 2: 374. 1900.

Based on *Poa abyssinica* Jacq.

= *Eragrostis tef* Man. U. S.
Abyssinia Africa

Eragrostis pilosa var. *aegyptiaca* (Del.) Schmalh. ex Fedtsoh. Bull. Jard. Bot. Pierre Grand 14(Suppl. 2): 69. 1915, without descr.

Based on *Poa aegyptiaca* Del.
Egypt

Eragrostis pilosa var. *Caroliniana* (Spreng.) Farwell, Mich. Acad. Sci. Rep. 17: 182. 1916.

Based on *Poa Caroliniana* Bieler
unidentified Man. II.

Eragrostis pilosa var. *condensata* Hack. Allg. Bot. Zeitschr. 7: 13. 1901.

Kneucker Gram. Exs. no. 115. Karlsruhe
Basis of *E. peregrina* Wieg.
= *E. multicaulis* Steud. Man. II.
Germany

Eragrostis pilosa ssp. *Damiensiana* (Bonnet) Thell. Vierteljahrs. Nat. Ges. Zürich 52: 438. 1908.

E. pilosa var. *Damiensiana* Bonnet.
in Soc. Dauph. 1881n. 3100 [exsicco, sine descr.]
et in Le Naturaliste 3^e année [1881] no. 52, 15
mai, p. 412-15.
Paris. France (Damien)

Eragrostis pilosa var. *Damiensiana* Bonnet, Naturaliste No. 52. 412. 1881.

"découvert par M. Damien dans la Cour du Ministère de la Guerre." Paris. France.

Eragrostis pilosa ssp. *Damiensiana* var. *condensata* (Hack.) Thell. Vierteljahrs. Nat. Ges. Zürich 52: 439. 1908.

Based on *E. pilosa* var. *condensata* Hack.
Karlsruhe - Kneuck. Gram. Exs. no. 115.
[Germany]

Eragrostis pilosa var. *delicatula* (Trin.) Hack. ex Stuck. Anal. Mus. Nac. Buenos Aires 11: 133. 1904.

Based on *Eragrostis delicatula* Trin.
Brazil, cult. Rio Janeiro

Eragrostis pilosa var. *depauperata* Grossh. Not. Syst. Herb. Hort. Bot. Petrop. 4: 18. 1923.

"Transcaucasia: Pr. Tiflis distr. Gori, Strashny Okop prope Borzhom. Leg. W. Kozlowsky."
U.S.S.R.

Eragrostis pilosa var. *elatior* Miquel, Ann. Mus. Bot. Lugd. Bat. 2: 280. 1866.

"Buerger legit."
Java?

Eragrostis pilosa var. *glabra* DuRoi. Taschenb. Schweiz. Bot. 872. 1869.

"(*Poa verticillata* Cav. sec. Moritz) cited
[Switzerland]

Eragrostis pilosa var. *imberbis* Franch. Nouv. Arch. Mus. Hist. Nat. (Paris) II. 7: 145. 1884.

"Mongolie: Géhol, dans les champs; (no. 2002).
Juillet 1864." [A. David, Coll.]
China

Eragrostis pilosa var. *jeholensis* (Honda) Ohwi, Bot. Mag. Tokyo 55: 277. 1941.

Based on *Eragrostis jeholensis* Honda
Manchuria
(Nakai, Honda & Kitagawa. Aug. 19, 1933 Typus

Eragrostis pilosa var. *lugens* Kuntze, Rev. Gen. Pl. 3^o: 352, 353. 1898.

Patagonia (Moreno & Tonini)
Argentina

Eragrostis pilosa var. *major* Litw. Sched. Herb. Fl. Ross. 4: 44. 1902.

"Bukhara (Turkestan). In graminosis ad alveorum
margines pr. Farab. 1 Aug. 1901. Leg. D. Litwinow"
[Herb. Fl. Ross. No. 1049]
Russian Turkestan

Eragrostis pilosa var. *minor* Griseb. & Schenk, Arch. Naturg. 18: 361. 1852.

"Siebenbürgen: auf Salzboden bei Salzburg gesellig!"
Europe

Eragrostis pilosa var. *minor* (Host) Kuntze, Rev. Gen. Pl. 3^o: 353. 1898.

Based on *Eragrostis minor* Host
Italy

Eragrostis pilosa (L.) Beauv. f. *multicaulis* (Steud.) Chung, Man. Grasses Korea 218. 1955.

Based on *Eragrostis multicaulis* Steud.
Japan

Eragrostis pilosa var. *nana* Miquel, Ann. Mus. Bot. Lugd. Bat. 2: 280. 1866.

"Legit Siebold"

Eragrostis pilosa var. *nutans* Schlecht. Linnaea 27: 478. 1854.

"plantas hortenses Halae Saxonum."
cult. Germany

Eragrostis pilosa var. *pilosifolia* Kuntze, Rev. Gen. Pl. 3^o: 354. 1898.

No loc. cited [p. 352. "Bolivia: Rio Tapacari"]
[Kuntze]

Eragrostis pilosa (L.) Beauv. var. *pumila* Chevalier, Bull. Soc. Bot. France 87: 276. 1940 or 1941
[seance Nov. 1940]

France: "Forêt de Fontainebleau, mares desséchées de Bellecroix---découverte en 1841 par Maire, retrouvée ensuite par Casson et Germain, etc."
France

Eragrostis pilosa var. *suaveolens* Regel, Act. Hort. Petrop. 7: 622. 1881.

Based on "*E. suaveolens* Becker in Claus fl. wolg.
n. 767."

Sarepta - Russia -

Eragrostis pilosa var. *subsessilis* Kuntze Rev. Gen. Pl. 3^o: 353. 1898.

No loc cited

Eragrostis pilosa var. *tef* (Zuccag.) Pieri, Nuov. Fl. Anal. Ital. 1: 123. 1923.

Based on *Eragrostis tef* (Zuccag.) Trotter
Africa

Eragrostis pilosa var. *versicolor* Kuntze, Rev. Gen. Pl. 3^o: 353. 1898.

[p. 352. "Bolivia: Rio Tapacari."
[Kuntze, coll.]

Eragrostis pilosa var. *verticillata* (Cav.) Reichenb. Agrost. Germ. 52, f. 425. 1850.

"*Eragrostis verticillata* P. B[eauv.] cited, this
based on [*Poa verticillata* Cav.]
Spain

Eragrostis pilosa var. *verticillata* Boerl. Ann. Jard. Bot. Buitenzorg 8: 75. 1890 [not (Cav.) Reichenb. 1850?]

Based on *E. verticillata* (Cav.) Roem. & Schults.

Eragrostis pilosissima Link, Hort. Berol. 1: 189. 1827.

"Hab."

○ Cult. source unknown, allied to *E. pilosa*.
Hort Berlin, Germany

Eragrostis pilosiuscula Ohwi, Bot. Mag. Tokyo 55: 279. 1941.

"*Eragrostis elongata* (non Jacq.) Aust. Fl. Fermo." cited.
"Hab. Fermo (Shinohiku, leg. Y. Shimada n. 4789)." "

Eragrostis plana Nees, Fl. Afr. Austr. 390. 1841.

"Ad flumen prope Kaohu et Zandiplaat....et inter
Geckau et Basche....(Drège)."
So. Africa

Eragrostis plana var. *Hackeliana* (Thell.) Probst, Mitt. Naturf. Ges. Solothurn 9(Bericht 21): 8. 1929-31 (separate)

Based on *Diplachne Hackeliana* Thell. [Africa,
Eragrostis plana Nees]
source unknown - Africa

Eragrostis plana var. *Probstii* (Thell.) Probst, Mitt. Naturf. Ges. Solothurn 9 (Bericht 21): [8. 1929-31 -reprint]

See also: Probst, Mitt. Naturf. Ges. Solothurn 12: 14. 1938.
D. Hackeliana var. *Probstii* Thell.
[introduced, source unknown]

Eragrostis planiculmis Nees, Fl. Afr. Austr. 391. 1841

"Locis humidis depressis....regionis Quaggasvlakte,
(Ecklon)."
Cape Colony Africa

Eragrostis platyphylla Mendle, Cat. Afr. Fl. Welw. 2^o: 239. 1899.

"Pungo Andongo? - No. 2862 b (no [Welwitsch]
information)"
Angola - Africa

Eragrostis plumbea Scribn. in Beal, Grasses N. Amer.
2: 484. 1896.

Mexico (Guadalajara) Palmer 240, Fringle 231 !
Mex. Grasses

Eragrostis plumosa (Retz.) Link, Hort. Berol
1: 192. 1827.

Based on *Poa plumosa* Retz.
= *E. amabilis* Man. U. S.
India

Eragrostis plumosa var. *maritima* Trimen, Syst. Cat.
Ceylon Fl. 109. 1885, nom. nud.
Ceylon

Eragrostis plurigluma C. E. Hubb. Kew Bull. Misc. Inf.
1934: 116. 1934.

"Sierra Leone: Northern Province; in swampy fields
at Materboi, Oct. 1928, Glanville 79."

Africa

See Jacques-Felix, Journ. d'Agr. Trop. Bot.
Appl. 5: 810. 1958.

Eragrostis plurinodis Swallen, Journ. Washington Acad.
Sci. 32: 158. f. 2. 1942.

"The type is in the Herbario Nacional de Venezuela,
Ministerio de Agricultura y Cria, collected in
fields around Cunaviche, State of Apure, Venezuela,
February 13, 1941, by C. E. Chardon, no. 249."

aff. *E. acuminata* Doell and *E. rufescens* Schult.

Eragrostis poa Stapf in Thiseit., Dyer, Fl. Cap.
7: 605. 1900.

"Coast Region: Caledon Div.; moist grounds in the
neighbourhood of Caledon, Thom 350!
Kalahari Region: Bechuanaland; between Kosi Fontein
and Knechts Fontein, Burchell,
2606!"

Africa

Eragrostis poaeformis Link, Hort. Berol. 1: 188. 1827.

Based on "*Poa eragrostis* Linn."
= *Eragrostis poaeoides* Beauv.
Italy

Eragrostis poaeoides Beauv. Ess. Agrost. 162. 1812,
name only; ex Roem. & Schult. Syst. Veg. 2: 574.
1817.

Based on *Poa eragrostis* L. [Roem. & Schult. do
not cite Linn. directly, but Willd. Spec. I. p.
392. Willdenow here quotes the description in L.
Sp. Pl. 1: 68. 1753, all citing the name *Poa*
eragrostis published by Linn. Sp. Pl. 68. 1753.
Man. U. S.

Italy

Eragrostis poaeoides var. *barrelieri* (Daveau) Fiori,
Fl. Anal. Ital. 1: 82. 1908.

Based on *Eragrostis barrelieri* Daveau
"---Galliam, Hispaniam et Italiam---"

Eragrostis poaeoides var. *brizoides* (Costa) Richt.
Fl. Eur. 1: 73. 1890.

Eragrostis brizoides Costa ap. Vayr.
Spain

Eragrostis poaeoides var. *compacta* Regel, Bull. Soc.
Nat. Moscou 41: 295. 1868.

"Almaty-Piquet in der Ili-Niederung, am Strande von
Sewassern... (Semenow)."
[Cis- et Transiliensibus... anno 1857 collectarum.
from title]
Turkestan

Eragrostis poaeoides var. *foliosa* Vasey in Wheeler,
Rep. U. S. Surv. W. 100th Merid. 6: 291. 1878,
without descr.

of. *E. poaeoides* var. *megastachya* Beauv. ex Vasey in
Wheeler, Rep. U. S. Surv. W. 100th Merid 6: 291.
1878, nom. nud.

"Cienega Creek, Arizona, 1874 (591)" [Rothrock, Coll.]

Eragrostis poaeoides var. *laxiflora* Doell. in Mart.
Fl. Bras. 2^o: 149. 1878.

"inter herbarii Holmiensis gramina brasiliensis a
viris cl. Widgren, Freyreiss et Forström lecta, a e
Brasilia nova species" signata, loco accuratius non
indicato."
Brazil

Eragrostis poaeoides var. *megastachya* (Link) A. Gray,
Man. ed. 2. 563. 1856.

Based on "*E. megastachya* Link."
= *E. cillianensis* Man. U. S.

Eragrostis poaeoides var. *megastachya* Beauv. ex Vasey
in Wheeler, Rep. U. S. Surv. W. 100th Merid.
6: 291. 1878, without descr.

of. *E. poaeoides* var. *foliosa* Vasey in Wheeler, Rep.
U. S. Surv. W. 100th Merid 6: 291. 1878, nom. nud.
"Ash Creek, Arizona, 1874 (305)." [Rothrock, Coll.]

Eragrostis poaeoides var. *minor* Neillreich, Fl.
Nieder-Oesterr. 61. 1859.

Austria

Eragrostis poaeoides var. *speciformis* Trautv. ex Regel,
Act. Hort. Petrop. 7: 621. 1881.

"In Deschungaria ad rivulum Laibulak non procul a
Tschugutschok (Sohrenk), Podgorny ad declivia
montium Temirlik, prope Taschkent (A. Regel)."

Asia

Eragrostis poaeoides var. *subovata* Regel, Act. Hort.
Petrop. 7: 621. 1881.

"Prope Perowski ad fluvium Syr-darja (Golische)"

Asia

Eragrostis poaeoides Beauv. var. *tenella* Opiz, Seman.
Rostl. České 40. 1852. nom. nud.

Bohemia

Eragrostis Pobeguini C. E. Hubb. in Hutch. & Dalz.

Fl. W. Trop. Afr. 2: 516. 1936, English descr. only;
Kew Bull. Misc. Inf. 1936: 312. 1936, Latin descr.

"French Guinea: Timbe! Exsicc.- Pobeguini 1092."

Eragrostis podotricha Chiov., Webbia 8: 102. 1951.

El Meti bassa. 24 Mag. (n. 906) -Gondaraba, presso
il Fortino, 28 Mag. (n. 128, 129, 130, 138, 243 A,
261, 262, 263, 264, 265, 267).

Southern Abyssinia

Eragrostis poecilantha Stapf, Kew Bull. Misc. Inf.
1906: 83. 1906.

♀ *Platystachya*

Bolus 10857.

Transvaal near Pietersburg

Africa

Eragrostis pogonia Steud. Syn. Fl. Glum. 1: 267. 1854.

"Japania."

Eragrostis polyadema Matt. Boll. Ort. Bot. Giard.
Palermo 9: 60. 1910.

Based on "*E. Dinteri* Matt....nom Stapf"
(Senni 1906) [Eritrea] Africa

Eragrostis polyantha (Hillebr.) Jedw. Bot. Archiv Mes
5: 200. 1924.

Based on *E. grandis* var. *polyantha* Hillebr.
Molokai - Hawaiian Is.
= *E. grandis* in Hitchc.

Eragrostis polymorpha (Willd.) Roem. & Schult. Syst.
Veg. 2: 575. 1817.

Same comb. made by Steud. in 1854.
" " " " Druce " 1917.

Based on "*Poa polymorpha* Willd."
Madras. India

Eragrostis polymorpha Trin. ex Steud. Mem. Bot.
1: 562, 564. 1840, as syn. of *E. amabilis* Steud.
Not Roem. & Schult. 1817.

Eragrostis polymorpha (R. Br.) Jedw. Bot. Archiv Mes
5: 188. 1924. Not Roem. & Schult. 1817.

Based on *Poa polymorpha* R. Br.
Port Jackson Australia
= *Erag. brownii* (Kth.) Nees, typenya!

Eragrostis polyneura Jedw. Bot. Archiv Mes 5: 205. 1924.

"Brasilia, loco non indicato (Glasieu nr. 18559)."

Eragrostis polysperma Peter, Repert. Sp. Nov. Pedde
Beih. 40: Anhang, 112. 1930; Beih. 40: 339 &
Anhang, 113. 1936.

"Winter-Hochland (Biesenkrater): Steppen Lemunge
Ngorengore im hohen Grase 2200 *VII. V. 2" (P43114)"
Tanganyika

Eragrostis polytricha Nees, Agrost. Bras. 507. 1829.

Two unnamed vars.: α in Brasilia australi, Yellow.--
Vidi in Herb. Reg. Berol.-- β in campis...prope
Villa Rica alisque locis provinciae Minarum."

Brazil

Eragrostis polytricha var. *glabrier* Doell. in Mart.
Fl. Bras. 2^o: 140. 1878.

"*Eragrostis polytricha* var. α Nees ab Esenb. Agr.
Bras."

Brazil

[β var. *hirsutior* Doell] [type Martius in Types]

Eragrostis polytricha var. *hirsutior* Doell. in Mart.
Fl. Bras. 2^o: 140. 1878.

"*Eragrostis polytricha* var. β Nees ab Esenb. Agr.
bras."

Brazil

Eragrostis pooides Beauv. 1812 (ut "*Poaeoides*").--*Poa*
eragrostis L. 1753.--(*Eragrostis minor* Host 1809 --
nom. non rite public.)--*E. poaeformis* Link 1827.

In Hylander, Uppsala Univ. Arsskr. 7: 71. 1945.
= *E. poaeoides* Beauv.

Eragrostis porosa Nees, Fl. Afr. Austr. 401. 1841.

"In collibus ad Ganka flumen et in planitie regionis Camdeboo.... (Drège)."

So. Africa

Eragrostis porosa var. *parvula* Stapf in Thiseit.-Dyer, Fl. Cap. 7: 605. 1900.

"Kalahari Region: var. *β*, Orange Free State? Jackals Fontein, Burke!"

S. W. Africa

Eragrostis praetermissa L. H. Harvey, Univ. Microfilms Publ. 967: 128. 1948; Bull. Torr. Club 81: 408. 1954.

1948 "Specimen typicum legit von Turckheim n. 1292 (US 821939), Jul. 1887, in rupibus prope Santa Rosa, Dept. Baja Verapaz, Guatemala."

1954 (Mexico, Michoacán: Jacuarc, A. S. Hitchcock 6956 (US) Central America, Guatemala: Santa Rosa, Dept. Baja Verapaz, H. von Turckheim 1292 (US: type).)

Eragrostis Pringlei Mattei, Contr. Biol. Veg. R. Ist. Bot. Palermo 4: 241. 1909.

Based on *Eragrostis pusilla* Scribn. Net Hackel 1896. (E. scribneriana Hitchc., same basis 1913)

Mex. (Jalisco) Pringle 2327.

E. pringlei valid.

Eragrostis pritzellii Pilger, Bot. Jahrb. Engler 35: 76. 1904, as syn. of E. dielsii Pilger var. Pritzellii Pilg.

"(= E. Fritzellii Pilger in Pritzel Fl. Austr. exsicc. n. 819)."

Eragrostis procera (Roxb.) Steud. Syn. Fl. Glum. 1: 266. 1854.

Based on "Poa procera Roxb."

India

Eragrostis procerior Rendle, Cat. Afr. Fl. Welw. 27: 235. 1899.

"Huilla.--Rather rare; by stream-cataracts in the rocky parts of Humpata, and in gravelly-sandy places at the cataract of the stream from Morro de Lopollo on the way to Humpata...No. 2655. Damp meadows between Lopollo and Nene;...No. 2654." [Welwitsch, Coll.]

Angola

Eragrostis procumbens Nees, Fl. Afr. Austr. 386. 1841.

"In planitie regionis Camdeboo... (Buschmanland), Drège....Vidi etiam in Herb. Reg. Berol. e Promontorie bonae spei, pluribus non adnotatis, (Mundt et Maire)."

So. Africa

Eragrostis prolifera (Swartz) Steud. Syn. Fl. Glum. 1: 278. 1854.

Based on *Poa prolifera* Swartz

"Ins. Carib." W.I. "Lucia, Guadeloupe"

Man. W. I.

Eragrostis propinqua Steud. Syn. Fl. Glum. 1: 271. 1854.

"Urville legit in Ins. Mauritii

Eragrostis psammodes Trin. Mém. Acad. St. Pétersb. VI. Math. Phys. Nat. 1: 400. 1830.

"V. spp. Bras. (in ripa rivi Coxim, das Velhas)."

Eragrostis psammodes var. *microstachya* (Link) Doell. in Mart. Fl. Bras. 27: 153. 1878.

Based on "Poa microstachya Link"

Montevideo. Uruguay

Eragrostis pseudosacrotricha (Stapf) C. E. Hubb. in C. A. Gardn. Fl. West. Austral. 1. pt. 1: 232. pl. 69. A. 1952.

"Sometimes quoted as E. pseudosacrotricha (Stapf) Thell. but I cannot trace this."

West Australia

Eragrostis X pseud-obtusa de Winter, sp. nov. (E. obtusa Munro X E. echinocloidea Stapf) Bothalia 7: 474. f. 4. 1961.

[Africa] Cape--Hopetown: Liebenberg 4150. Kimberly: Moran s.n. (Bolus H. No. 13905); Kameelhoek, Bruckner 21; Kenilworth, Levy s.n. (Galpin Herb. No. 6324); Swan s.n.; Wilman s.n. (N. H. No. 28349) Barlley West: Newlands, Wilman s.n. (Bolus H. No. 26457); Wilman s.n. (N.H. No. 28336); Acocks 140; Bruckner 823, Vryburg: Tiger Kloof, Bruckner 320 (PRE, holo); Armoedsvlakte, Mogg 3960; 3668; Stent s.n. (H. 21516); Benauidheidsfontein, Marloth 863. Orange Free State--Fauresmith: C. A. Smith 3879. Kroomstad: Bothaville, Schweikerd 1149. Transvaal--Christiana: Burt Davy 11411. Bloemhof: Lombard Nature Reserve, Leistner 91. Wolmarstied: Sutton 68. (a few cult. specimens cited)

Eragrostis pseudonigra Mattei in Borzi, Contr. Biol. Veg. R. Ist. Bot. Palermo 4: 246. 1909.

"dall 'Istituto Botanico di Roma (Terracciane e Pappi, n. 2731)."

Italy

Eragrostis pseudopoa C. E. Hubb. Kew Bull. Misc. Inf. 1934: 115. 1934.

"Tanganyika Territory: Iringa Province, Ifunda, o. 1800 m., Nov. 1928, Haarer 1659."

Africa

Eragrostis pseudo-teff Peter, Repert. Sp. Nev. Fedde (Beih.) 40: Anhang, 107. pl. 65. f. 1. 1930; 331. 1931.

"Natal: am Bluff bei Durban"

"Specimina authentica Peter 30445."

aff. E. Teff similis

Tanganyika

Eragrostis puberula Steud. Syn. Fl. Glum. 1: 268. 1854.

"(Paucis specimina legit W. Schimper in) Abyssinia."

Africa

Eragrostis pubescens (R. Br.) Steud. Syn. Fl. Glum. 1: 279. 1854.

Based on "Poa pubescens R. Br."

Australia

Eragrostis pubiculmis Jedw. Bot. Archiv Mex 5: 199. 1924.

"Africa austre - orientalis, Natal loco non indicato (Buchanan nr. 249)."

Eragrostis pulchella Parl. Atti Riun. Sci. Ital. 8: 586. 1847.

[Isola del Capo Verde]

Eragrostis pumila Chevalier, Bull. Mus. Hist. Nat. (Paris) 20: 472. 1948. Not Grossh. 1928 in Russian.

Soudan français: Parako, dans le marais (Chevalier, no. 44089 bis), 23 mars 1932.

Central Africa

Eragrostis punctata (L.) Link ex Steud. Nom. Bot. ed. 2. 1: 564. 1840.

Based on "Poa punctata L."

Malabar India

Eragrostis purpurascens (Spreng.) Roem. & Schult. Syst. Veg. 2. Mant. 317. 1824.

Based on *Poa purpurascens* Spreng.

"Spreng. nov. prov. 33 sub. *Poa purpurascens*, et Link, Enum. p. 88 (qui tamen sub sectione *Eragrostidum*)." Uruguay

Eragrostis purpureo-pedunculata De Wild. Bull. Jard. Bot. Brux. 6: 70. pl. 6. 1919.

"Congo-Zambèze.... (Ad. Hook)"

Africa

Eragrostis purpurea Jedw. Bot. Archiv Mex 5: 201. 1924.

"Mexico, Corro de Gavilan (Purpus nr. 4084)." see Type coll.

Eragrostis purshii Schrad. Linnæa 12: 451. 1838, [description inadequate]; A. Gray, Man. ed. 2. 564. 1856.

= E. pectinacea Man. U. S.

Eragrostis purshii var. *delicatula* Munro ex Scribn. Bull. Torrey Club 10: 30. 1883, nom. nud.

Ariz. "Santa Cruz Valley, near Tucson, Pringle."

= E. diffusa Buckl. Man. U. S.

Eragrostis purshii var. *diffusa* (Buckl.) Vasey, Contr. U.S. Nat. Herb. 1: 59. 1890.

Based on "E. diffusa Buckl." Man. U. S. = " " Texas

Eragrostis purshii var. *major* Fourn. Mex. Fl. 2: 116. 1886.

Mex---Bourgeau 445; ---Bourg. 1031 first two cited B 445 = E. mexicana

Eragrostis purshii var. *miserrima* Fourn. Mex. Fl. 2: 116. 1886.

"Tampico (Berl. n. 24)." Mexico

Eragrostis purshii var. *pauciflora* Fourn. Mex. Fl. 2: 116. 1886, nom. nud.

"Tampico (Berl. n. 43, 147, 621, 755, 844 part., 921)" Mex

Eragrostis pusilla Hack. Bull. Herb. Boiss. 4: Append. III. 27. 1896. (Sept.)

Type locality: "Kalahari: in stagnis exsiccatis prope Uuqua, Flecki"

S. W. Africa

Eragrostis pusillus Scribn. ex Beal, Grasses N. Amer.
2: 481. Nov. 1896. Not Hack. Sept. 1896.

Mexico (Jalisco) Pringle 2327.

= *E. pringlei* Mattei 1909 based on this
(*E. scribneriana* Hitchc. same basis 1913) valid
Mexico: Jalisco

Eragrostis quadriflora Rendle, Cat. Afr. Fl. Welw.
2 $\frac{1}{2}$: 245. 1899.

"Huilla.--Somewhat plentiful in abandoned fields
after Sorghum cultivation near Eme, and at Ivantala
....No. 7489." [Welwitsch]

Angola, Africa

Eragrostis Quintasii Gandog. Bull. Soc. Bot.
France 66 $\frac{1}{2}$: 300. 1920.

"Africa orient., Lourenço Marques ad Matolla
(Quintas n. 202!)." [Welwitsch]

Mozambique Africa

Eragrostis quitensis Trin. Mém. Acad. St. Pétersb. VI.
Sci. Nat. 2 $\frac{1}{2}$: 76. 1836.

Based on *Festuca quitensis* Willd. in Nees Agrost.
Bras. 1829. p. 473, as syn.

"V. spp. Bras."

Eragrostis racemosa (Thunb.) Steud. Syn. Fl. Glum.
1: 271. 1854.

Based on *Poa racemosa* Thunb.

Cape Good Hope (Thunberg)
Africa

Eragrostis racemosa var. *Holstii* (Engl. & Schum.)
Chiov. Raoc. Bot. Miss. Consol. Kenya 135. 1935.

Based on *E. chalcantha* var. *Holstii* Engl. & Schum.
Usambara, Tanganyika, Africa

Eragrostis rahmeri Phil. Anal. Mus. Nac. Chile
2nd. sect. Bot. 8: 88. 1891.

"In Quebrada de Guaviña provinciae Tarapaca lecta."
Chile

Eragrostis ramosa Hack. in Schinz, Bull. Herb. Boiss.
II. 1: 776. 1901.

"Deutsch - Südwest- Afrika (Hereroland): Salem,
Dinter 134."

Africa

"Aff. *E. Welwitschii* Rendle"

Eragrostis rankingi F. M. Bailey, Dept. Agr. Brisbane
Bot. Bull. 2: 22. 1891.

"In 1880 fragmentary specimens of this grass were
sent to me by Mr. Ranking from Blackall."

Australia

Eragrostis rara Domin, Bibl. Bot. 85: 395. 1915.

"*E. Brownii* var. *patens* Benth." cited.

"Geogr. Verbreitung; N. S. Wales (New England, C.
Stuart, Paramatta, Woollis), Victoria (teste Bentham)
Süd - Queensland (teste F. M. Bailey)."

Australia

Eragrostis reflexa Hack. Philip. Journ. Sci. Bot.
3: 168. 1908.

"Bur. Sci. 2067 Ramos."

"Luzon, Prov. Rizal, prope Bosoboso,"

Philippines

Eragrostis refracta (Muhl.) Scribn. Mem. Torrey Club
5: 49. 1894.

Based on "*Poa refracta* Muhl."

Man. U. S.

S. Car. & Ga.

Eragrostis rejuvencens Rendle, Cat. Afr. Fl. Welw.
2 $\frac{1}{2}$: 250. 1899.

"Huilla - In short thicket - grown pastures....
near Mumpulla....No. 2661." [Welwitsch]

Angola, Africa

Eragrostis remotiflora de Winter, Bothalia 7: 477. f. 5.
1961.

Transvaal.- Pretoria:---prope Apiesrivier, Jan. 1894.
Schlechter 4164(K); Kaalfontein, Mogg 3741. Bloemhof:
Christiana, Burt-Davy 12803, 12795.
Orange Free State- Boshoff: 16m. W.S.W. of Dealesville
Acocks 14016, Fauersmith: Pole Evans 1583. Bethulie:
71/2m. N.W. of Acocks 13521 (PRE, holo. K, M, B, BM,
BOL, iso). Cape--Cradock: 121/2m. NNW of Acocks
15764. Tarka: N.N.E. of Tarkastad, Acocks 17953.
Middelburg: Acocks 15807. Barkly West: Danielskuil,
Esterhuizen 2019, 1061; Danielskuil, E. Ferrar 62.
Vryburg: Dry Hartz, Mogg 8500; Progress, Mogg 9007;
Armoedavlekke, Mogg 3960.

Eragrostis reptans (Michx.) Nees, Agrost. Bras. 514.
1829.

(same comb. made by Presl, Rel. Haenk. 1: 275. 1830)

Based on "*Poa reptans* Michx." [1803]

Man. U. S. Illinois

Eragrostis reptans var. *contracta* Doell. in Mart. Fl.
Bras. 2 $\frac{1}{2}$: 148. 1878.

Brazil

"in palude exsiccata ad S. Cruz (Lund) et ad vias
prov. Minarum (Warming)."

Eragrostis reptans var. *laxior* Doell. in Mart. Fl.
Bras. 2 $\frac{1}{2}$: 148. 1878.

"---America boreali obvia, in Brasilia adhuc non
lecta." North America

Eragrostis reptans var. *pygmaea* Doell. in Mart. Fl.
Bras. 2 $\frac{1}{2}$: 149. 1878.

"prope Bahia (Blanchet n. 2960)."

Brazil

Eragrostis retinens Arech. Anal. Mus. Nac. Montevideo
1: 445. pl. 56. 1896.

"Este *Eragrostis*, es bastante comun en campos
graminosos. Prefiere los terrenos arenosos."

Uruguay

Eragrostis retinens var. *pergamensis* Parodi, Not.
Mus. La Plata 2: 6. 1937.

"Argentina, Pergamino (Prov. Buenos Aires), leg.
L. E. Parodi no. 4943, 2 febr., 1923 (tipus varietatis)"

Eragrostis retinorrhoea Steud. Syn. Fl. Glum. 1: 268.
1854.

Type loc: "Abyssinia."

Africa

Eragrostis rhachitricha Hochst. ex Miquel, Anal. Bot.
Ind. 2: 25. 1851; Hochst. in Miquel, Verh. Nederl.
Inst. III. 4: 37. 1851.

"Hochst. mss." [Spelled *raghitricha* in 2nd ref.]

"Hab. prope urbem Mangaler....(Metz n. 280.)"

India

Eragrostis rigida (Vasey) Scribn. Proc. Acad. Phila.
1891: 304. 1891.

Based on
Diplachne rigida Vasey

= *Erag. sessilis* Vasey Man. U. S.
Texas, New Mexico to Kansas

Eragrostis rigida A. Camus, Bull. Soc. Bot. France
96: 167. 1949. Not *Eragrostis rigida* (Vasey)
Scribn. 1891.

"Port-Lewen, ile Howe, cote Nord-Est de Madagascar
(Bolvin, No. 2292b)."

Eragrostis rigidifolia Hochst. ex Engler, Abh. Preuss.
Akad. Wiss. 1891: 134. 1892, without descr.

Abyssinia

Eragrostis rigidifolia Hochst. ex Stapf, in Hook. f.
Fl. Brit. Ind. 7: 323. 1896, as syn. of *Eragrostis*
papposa Steud.

India

Eragrostis rigidior Pilger, Bot. Jahrb. Engler 48: 347.
Aug. 1912.

"Deutsch-Südwestafrika: Okahandja (leg. Grossert,
Coll. Dinter n. 1532....) auf Sandboden Dinter,
n. 1635....Waterberg..(Dinter n. 1821)"

Africa

Eragrostis rigidiuscula Domin, Bibl. Bot. 85: 393.
1915.

Cites: *E. stenostachya* var. ? *floribunda* Benth.

"Nord-Australien: Port Darwin (F. Schultz no. 802)."

Eragrostis ? riparia (Willd.) Beauv. Ess. Agrost.
71, 162, 175. 1812.

See also Nees, Agrost. Bras. 512. 1829; Steud.

Syn. Fl. Glum. 1: 265. 1854.

Based on *Poa riparia* [Willd.] "in Westindien"--error
Madras

Eragrostis robusta Stent, Bothalia 2: 288. 1927.

Based on *Eragrostis valida* Stent. Not Pilger

Maritzburg, Natal, Angus 2
(Govt. Herb. 13862)

Africa

Eragrostis Rogersii C. E. Hubb. ex Stent & Rattray,
Proc. Rhodesia Sci. Ass. 32: 56. 1933, without
descr.; C. E. Hubb. Kew Bull. Misc. Inf. 1934: 115.
1934.

"Northern Rhodesia: Livingstone, in sand, Rogers
7027 (type)" cited in Stent & Rattray. Several
cited from Southern Rhodesia in Kew Bull. 1934: 115.

Eragrostis Rojasii Hack. Repert. Sp. Nov. Fedde
7: 373. 1909.

"Paraguay: Sierra de Amambay, in campis siccis
Punta Para, Dec. 1908; Hassler no. 9858, leg.
Rojas." h.

Eragrostis rosea Grisebach ex Hickel, Chlor. Plat.
Argent. 46. 1910, without descr.

Cites: "Bettfr., Herb. (1898) 45: Chacarita XII."

Eragrostis rothii Link, Hort. Berol. 2: 294. 1833.

Based on *Poa interrupta* Roth 1821. Not Lam. 1791.

Ind. Or. Heyne

Eragrostis rotifer Rendle, Cat. Afr. Fl. Welw.

2: 242. 1899.

"Barra do Bengo. ... By ponds between Quioux and Caouao. ... No. 7284. Nos. 7341, 7341 b (No notes). [Welwitsch, Coll.]"

Angola, Africa

Eragrostis rottleri Stapf in Hook.f. Fl. Brit. Ind.

7: 321. 1896.

"The Carnatic; at Tranquebar, Heyne, Rottler, Wight."

India

Eragrostis rubens (Lam.) Hochst. ex Miquel, Anal. Bot.

Ind. 2: 26. 1851; Hochst., in Miquel, Verh. Nederl.

Inst. III. 4: 38. "Hochst. mss." 1851.

Same comb. made by Steud. Syn. Fl. Glum. 1: 265.

1854.

Based on "*Poa rubens* Lam."

India...Sonner.

Eragrostis rubiginosa Trin. Mém. Acad. St. Pétersb. VI.

Math. Phys. Nat. 1: 401. 1830.

"V. spp. ex Acora, Afric."

Eragrostis ? rufescens Schult. Mant. 2: 319. 1824.

"In Brasilia. Princeps Sereniss. Maxim. Neowidens."

Eragrostis rufescens Schrad, Linnaea 12: 450. 1838,

without descr. Not Roem. & Schult. 1824.

Vites: "*Poa rufescens* Kunth, Enum. Fl. 1: 333. 1833 (excl. syn. *P. floribund.* ?) -- Brasilia."

Name credited to Schrad. in Schult."

Brazil

Eragrostis rufescens var. *interrupta* Doell in Mart.

Fl. Bras. 2: 152. 1878.

No citation

Brazil

Eragrostis rufescens var. *laurentiana* Benoist, Bull.

Mus. Nat. Hist. Paris, II. 17: 69. 1945.

French Guiana

Eragrostis rufescens var. *spiciramea* Doell, in Mart.

Fl. Bras. 2: 152. 1878.

No citation

Brazil

Eragrostis rufescens var. *subfasciculata* Doell. in Mart.

Fl. Bras. 2: 152. 1878.

No citation

Brazil

Eragrostis rupestris (Roth) Steud. Syn. Fl. Glum.

1: 265. 1854.

Based on *Poa rupestris* Roth.

Ind. Or. (Heyne)

Eragrostis sabulicola Pilger ex De Wild. Ann. Mus.

Congo Bot. Ser. V. 2: 15. 1907. No description.

"Pilger in Herb. Berol. Bord de la mer a Moanda, juin 1903 (J. Gillet, n. 3162); Banana, 17 juin 1895 (Alfr. Dewèvre, n. 61)"

Belgian Congo

Eragrostis sabulicola Pilger in Schlechter, Westaf.

Kautschuk Exped. 269, nomen; Jedw. Bot. Archiv Mez

5: 214. 1924. Not Pilger ex De Wild. 1907, nom. nud.

"Africa Oco. trop., Promonturium Lopez (Schlechter nr. 12817)."

Lopez Cape Africa French Congo

Eragrostis sabulosa (Steud.) Schweick. Repert. Sp. Nov.

Fedde 43: 91. 1938.

Based on *Calotheca sabulosa* Steud.

Cape of Good Hope - Africa - Eoklon 944

Eragrostis salzmanni Steud. Syn. Fl. Glum. 1: 277.

1854.

"*Poa prolifera* Salzm. hrbr. (vix Swartz). In maritimis Bahiae."

Brazil

Eragrostis sambiranensis A. Camus, Bull. Soc. Bot.

France 100: 354. 1953.

Madagascar: Sambirano, distr. de Maromandia, Decary 2161.

Eragrostis sapini De Wild. Compagnie du Kasai, 250.

1910.

"Atènes... (A. Sapin. - Dans la plaine et dans les marais); Bondo... (A. Sapin. - Dans la plaine); Kisanu-Makela, ... (J. Gillet, n. 3469)."

Congo Africa

Eragrostis sapini var. *depauperata* De Wild.

Compagnie du Kasai 250. 1910.

"Plaines du Stanley-Pool, 1904 (Rouy, n. 1)."

Congo - Africa

Eragrostis sarmentosa (Thunb.) Trin. Mém. Acad. St.

Pétersb. VI. Math. Phys. Nat. 1: 398. 1830.

Same comb. made by Nees in Linnaea 7: 330. 1832.

Based on "*Poa sarmentosa* Thbg.! R. et S."

Cape Good Hope (Thunberg) Africa

Eragrostis saxatilis Hensl. Rep. Sci. Results Voy.

Challenger Bot. 12: 90. pl. 50. 1884.

"St. Helena. -- Endemic. From off Lot -- Burchell, 50; among dry rocks, by Major Dentasaff's in Sandy Bay -- Burchell 50; growing in tufts on the rocky, barren hills near Lot's Wife on the south-west side of the island... Melliss."

Eragrostis scabra R. A. Phil. Fl. Atac. 55. 1860.

"Prope Paposo in regione fertiliora"

Chile, S. Amer.

Eragrostis scabriflora Swallen, Journ. Washington

Acad. Sci. 26: 179. 1936.

"Type in the Herbarium of Bernice P. Bishop Museum, Hawaii, collected on bare spots in wooded basin and on limestone ridges, alt. 25-40 m, Oiwake, Fiji Islands, Aug. 30, 1924, by E. H. Bryan, Jr. (no. 528)."

Fiji Islands

Eragrostis scaligera Steud. Syn. Fl. Glum. 1: 277.

1854.

"(Hrb. Bah. sub: *Poa*)...."Bahia."

Brazil

Eragrostis schimperii (Hochst.) Benth. in Hook. Icon.

Fl. 14: 1371. 1881.

Based on "*Harpachne Schimperii* Hochst."

Abyssinia (Schimper 171)

Eragrostis schultzei Benth. Fl. Austral. 7: 646. 1878.

"N. Australia. Port Darwin, Schults, n. 81."

Eragrostis Schweinfurthiana Jedw. Bot. Archiv Mez

5: 194. 1924. Not E. Schweinfurthii Chiov. 1908.

[Solurba] "Oras nubicae, in montibus Ssoturba, Gebel Schettel (Schweinfurth nr. 1492)."

Egyptian Sudan

Eragrostis schweinfurthii Chiov. Ann. Ist. Bot. Roma

8: 368. 1908.

Based on *Eragr. chalcantha* Schweinf. (non Trin.) Samml. Arab. Aeth. Pflanz. Ser. I. (1896) 100."

= *Eragrostis chalcantha* Schweinf.

[Collection of Arab-Egypt plants Ser. I. (1896) 100]

Eragrostis soleranthera Nees, Fl. Afr. Austr. 388. 1841.

"Inter Omtendo et Omsamoule in graminis... (Drège)!"

So Africa

Eragrostis solerochlaena Chiov. Ann. di Bot.

13: 57. 1914.

"Catanga, Plateau Biano settobosco. X. 1912. (Bovens n. 103)."

[Africa tropica meridionalis]

Congo

Eragrostis solerophylla Trin. in Mém. Acad. St. Pétersb.

VI. Math. Phys. Nat. 1: 412. 1830.

"V. spp. Brasil. (ad rivulum Jiquitinonha)."

Brazil

Eragrostis scopelophila Pilger, Bot. Jahrb. Engler

51: 421. 1914.

"Deutsch-Sudwestafrika, Damarabesirk: Wilhelmsberg, an schroffen Felsen... (Dinter n. 2564)."

Africa

Eragrostis scottelliana Rendle in Elliott, Journ. Linn.

Soc. Bot. 30: 99. 1894.

"Near Regent, Dec. 10, Old Cemetery, Sierra Leone, no. 4114. [Elliott, coll.]"

Africa

Eragrostis scribneriana Hitchc. Contr. U. S. Nat.

Herb. 17: 361. 1913.

Based on "*Eragrostis pusilla*" Scribn. November 11, 1896. Not Hack. September 1896.

Mex. (Jalisco) Pringle 2327

= *Erag. Pringlei* Mattei 1909. typonym.

Eragrostis secunda Nees ex Steud. Syn. Fl. Glum.

1: 264. 1854.

"Zeylon."

Ceylon

= *Eragrostiella secunda* (Nees) Bor.

Eragrostis secundiflora Presl, Rel. Haenk. 1: 276. 1830.

"Hab. in Mexico." Haenke [misapplied to *E. oxylepis* (Torr.) Torr. in Man. U. S. ed. 1.

Eragrostis seineri Jedw. Bot. Archiv Mez 5: 194. 1924.

"Africa austr.-occidentalis, Onaheke ad Okatambaka (Seiner nr. 172)."

Africa

Eragrostis seminuda Trin. Mém. Acad. St. Pétersb. VI.

Math. Phys. Nat. 1: 406. 1830.

"V. spp. Bras. (S^{to} Paulo)." Brazil

Eragrostis seminuda var. *glabrata* Doell. in Mart. Fl.

Bras. 2^o: 143. 1878.

No citation

Brazil

Eragrostis seminuda var. *hirta* [incorrectly attributed

to Trin. by] Doell. in Mart. Fl. Bras. 2^o: 143.

1878. [described by Doell]

Doell cites: "Trin. 1831, 406.; Steud. Syn. 276 n. 189" The Trin. ref. is Mém. Acad. St. Pétersb. VI. Math. Phys. Nat. 1: 406. 1830. Trin. and Steud. give *E. seminuda* but not var. *hirta*.

Brazil

Eragrostis seminuda var. *pilosissima* Doell. in Mart.

Fl. Bras. 2^o: 143. 1878.

No citation

Brazil

Eragrostis senegalensis Nees, Linnaea 10: Litt. 116.

1836.

"*Poa senegalensis* H. Paris." "Sem. Hort. Vratisl. 1834 [from title]"

Senegal. Africa

Eragrostis Senni Chiov. Fl. Somalia 2: 460. f. 247.

1932.

"Oltregiura: Mangab I-VII fr. (Dr. L. Senni 1929 n. 239)."

Somali, East Africa

Eragrostis serpula Chiov. Ann. Ist. Bot. Roma

8: 66. 1903.

"Baroa: Agordat m. *Soodiroa*, 27-30. III. 1893 (T. P. n. 2088)" [Terracciano & Fappi, Coll.]

Erythraea, Africa

Eragrostis sessilisipica Buckl. Proc. Acad. Phila.

1862: 97. 1862.

"Near Austin, Texas." [Buckley]

Man. U. S.

Eragrostis setioaulis Chiov. Nuov. Giorn. Bot. Ital.

n. ser. 26: 70. 1919.

"Catanga Haut Marungu, reg. du Tanganika....(n. 64)." [S. E. Congo State, Africa. Coll. H. Bovone].

Africa

Eragrostis setifolia Nees in Hook. Lond. Journ. Bot.

2: 419. 1843.

"In Novae Hollandiae interioribus Major Mitchell's Exped. n. 59."

Australia

Eragrostis (?) *setifolia* (Benth.) Steud. Syn. Fl.

Glum. 1: 274. 1854. Not Nees in Hook. 1843.

Steud. cites "(Plant. Hartw. 262)" *Poa setifolia* Benth. is on this page. [Hartweg 1452]

= *Eragrostis pastoensis* in Hitchc. Grass. Central Andes p. 341.

Quito, Ecuador

Eragrostis setifolia var. *dubia* Domin, Bibl. Bot.

85: 406. 1915.

"West Australia: Fraser Range (R. Helms, X. 1891, Elder Exploring Expedition)."

Australia

Eragrostis setifolia var. *pauciflora* (Benth.) Domin,

Bibl. Bot. 85: 406. 1915.

E. chaetophylla var. *pauciflora* Benth.

Lake Eyre (Andrews)

Australia

Eragrostis setulifera Pilger, Notizbl. Bot. Gart.

Berlin 11: 805. 1933.

"Bez. Mahenge: Schauri....H. J. Schlieben n. 2318."

Tanganyika Terr.

aff. *E. ciliaris* (L.) Link

Africa

Eragrostis sicula (Jacq.) K. Koch, Linnaea 21: 408. 1843

Based on *Poa sicula* Jacq.

Sicily

Eragrostis silveana Swallen, Amer. Journ. Bot.

19: 438, fig. 2. 1932.

"Type in the U. S. Nat. Herb. no. 1501596, ...near Taft, Texas, Oct. 1, 1931, by W. A. Silveus (no. 360)." Man. U. S.

Eragrostis simplex Scribn. U. S. Dept. Agr. Div.

Agrost. Bull. 7: (ed. 3) 250. f. 244. 1900.

Florida, Curtiss 6073.

Eragrostis simpliciflora (Presl) Steud. Syn. Fl.

Glum. 1: 278. 1854.

Based on *Megastachya simpliciflora* Presl

Mexico

Eragrostis singuensis Pilger, Bot. Jahrb. Engler

45: 211. 1910.

"Kamerun: Markt Singwa, Bambuttoberge, Gras-Savanne bei 2400 m ü. M. (Ledermann n. 1644.--Dezember 1908)"

Africa

aff. *E. chalcantha* Trin.

Eragrostis solida Nees, Agrost. Bras. 501. 1829.

"inter Gaspar Soares et Tapamhoacanga provincias Minarum. (Mart. Vidi etiam in Herb. Reg. Berol., a Sellovio missam)"

Brazil

Eragrostis solida var. *mattogrossensis* (Pilger) Pilger,

Bot. Jahrb. Engler 70: 346. 1939.

Based on *E. mattogrossensis* Pilger

Mattogrosso, ...des Romuro (n. 558.--Mai 1899)

Pilger, Coll.

Eragrostis soratensis Jedw. Bot. Archiv Mez

5: 213. 1924.

"Bolivia, Sorata, Colle Tiscaciroa (Mandon nr. 1331, La Paz prope Huanoapampa (Pflanz nr. 366)." Hb.

Eragrostis sororia Domin, Bibl. Bot. 85: 399. pl. 16,

f. 1-5. 1915.

"Queensland: Sandhügel der Dividing Range östlich von Jericho (Domin, II. 1910)."

Australia

Eragrostis spartinoides Steud. Syn. Fl. Glum.

1: 265. 1854.

"Hrbr. Cuming nr. 668. Ins. Philipp."

Philippines

Eragrostis speciosa (Roem. & Schult.) Steud. Syn. Fl.

Glum. 1: 279. 1854.

Based on "*Poa speciosa* E. S." [Roem. & Schult.]

Australia

Eragrostis spectabilis (Pursh) Steud. Nom. Bot. ed. 2.

1: 564. 1840.

Based on "*Poa spectabilis* Pursh"

Man. U. S.

N. Y. to Carolina

Eragrostis spectabilis var. *sparsihirsuta* Farwell,

Amer. Midl. Nat. 10: 306. 1927.

"This is the *Eragrostis pectinacea* Nees, Steud. A. Gr. but not the *Poa pectinacea* Mx. whose name they misapplied."

= *E. spectabilis* Man. U. S.

U. S.

Eragrostis speirostachya (Coss. & Dur.) Coss. & Dur.

in Lange, Naturhist. For. Kjöbenhavn Vid. Medd. II.

1: 47. 1860.

Based on *E. vulgaris* var. *speirostachya* Coss. & Dur.

Algeria Africa

Eragrostis spicata Vasey, Bot. Gaz. 16: 146. 1891.

"Collected at San Jose del Cabo, Lower California, by T. S. Brandegee, 1890."

Man. U. S. Baja California

Mexico.

Eragrostis spicata (Hayne) Jedw. Bot. Archiv Mez

5: 185. 1924. Not Vasey, 1891.

Based on *Dactylis spicata* herb. Hayne ex Stapf

India

Eragrostis spinosa (L.) Trin. Mém. Acad. St. Pétersb.

VI. Math. Phys. Nat. 1: 416. 1830.

Based on "*Festuca spinosa* L."

Cape Good Hope Africa

Eragrostis sporeboloides J. G. Smith & Bush, Mo. Bot. Gard. Rpt. 6: 116. pl. 54. 1895.

"Sapulpa, Indian Territory, [Oklahoma], July 1894, B. F. Bush."
= *E. hirsuta* Man. U. S.

Eragrostis sporoboloides Stapf in Thiseit.-Dyer, Fl. Cap. 7: 607. 1900. Not J. G. Smith & Bush, 1895.

"Kalahari Region: Transvaal; Houtbosch, Rehmann, 5686! 5695!"
Africa

Eragrostis sporoboloides Peter, Abh. Ges. Wiss. Göttingen Math. Phys. Kl. N. F. 13²: 109. 1928, nom. nud. Not Smith, 1895, nor Stapf, 1900.

In: Bot. Jahrb. Engler 68: 140. 1937, Peter refers this to *Eragrostis japonica* (Thunb.) Trin.

Unyamwezi
Africa

Eragrostis squamata (Lam.) Steud. Syn. Pl. Glum. 1: 274. 1854.

Based on "*Poa squamata* Lam."
"Sierra Leon ? (Smeatham)"

Eragrostis squarrosa (Salzm.) Fourn. Mex. Fl. 2: 118. 1886.

"(*Poa squarrosa* Salzm.)" cited in list of *Eragrostis* sp. that belong in *Megastachya* as misapplied by Fournier to species of *Eragrostis*.
Brazil

Eragrostis stapfii de Winter in Chippindall, Grasses and Pastures of South Africa 152. f. 119. 1955.

nom. nov. for *E. sporoboloides* Stapf, 1900, not J. G. Smith, 1895.
Transvaal and in south tropical Africa,

Eragrostis starosselskyi Grossh. Not. Syst. Herb. Hort. Bot. Petrop. 4: 18. 1923.

"Transcaucasia: Fr. Tiflis, Karajazy, 20-VII-21. Leg. V. Starosselsky; 20-VII-22, Leg. N. Troitzky.--Turkestan: Buchara."
U.S.S.R.

Eragrostis Starosselskyi var. *pumila* Grossh. Trudy Bot. Inst. Azerbaidzh. Fil. Akad. Nauk S.S.S.R. 8: 231. 1939.

"V. Zak. (Mileskayr stepe)" cited
See p. VII V. Zak. given as *Vostokhno-Zakavkazski*
Caucasus, Russia, Eur.

Eragrostis stenoclada Presl, Rel. Haenk. 1: 278. 1830.

"Hab. in montanis Peruviae." [Haenke]
in Addenda corrected to Monterey, Cal. The specimen so named in herbarium in Prague is labeled "Luzon." It is *E. elongata* (Willd.) Jacq.
--A.S.H. Grasses Ecuador, Peru, Bolivia p. 344.

Eragrostis stenophylla Hochst. ex Miquel, Anal. Bot. Ind. 2: 27. 1851; Hochst. in Miquel, Verh. Nederl. Inst. III. 4: 39. 1851. "Hochst. mes."

"prope urbem Mangalore lecta (Metz n. 664)."
India

Eragrostis stenosoma Peter, Repert. Sp. Nov. Fedde (Beih.) 40: Anhang, 104, pl. 61. f. 1. 1930; 327. 1931.

D O Afr., Una: am See Manyoni bei Birira"
"Specimina authentica: Peter 37796"
[Tanganyika]

Eragrostis stenostachya (R. Br.) Steud. Syn. Pl. Glum. 1: 279. 1854.

Based on "*Poa stenostachya* R. Br."
Australia

Eragrostis stenostachya var. *floribunda* Benth. Fl. Austral. 7: 650. 1878.

"N. Australia. Port Darwin, Schultz, n. 802."

Eragrostis stenothyrsa Pilger, Bot. Jahrb. Engler 51: 421. 1914.

"Deutsch-Südwestafrika Damarabesirk: Hoachanas, selten an steilwandigen Lehmrinsalen (Dinter n. 1966!)"
Africa

Eragrostis stentiae Bremek & Oberm. Ann. Transvaal Mus. 16: 406. 1935.

Afr. Central Kalahari: "Kuke Pan, Bechuanaland, leg G. van Son." Type in Transvaal Museum no. 28620.

Eragrostis sterilis Domin, Bibl. Bot. 85: 403. with pl. 1915.

"Queensland: Sandhügel der Dividing Range östlich von Jericho (Domin, III. 1909)"
Australia

Eragrostis stolonifera A. Camus Not. Syst. 13: 263. 1948.

Domaine Central: massif d'Andringitra, endroits humides, alt. 2000 m. (Perrier de la Bathie 14,546); environs d'Ambositra, alt. 1700 m. (Perrier de la Bathie 10,850); alt. 1500 m. (Perrier de la Bathie 12,570).
Madagascar

Eragrostis striata (Thunb.) Nees, Fl. Afr. Austr. 385. 1841.

"Ad margines Gauderivier et in Cannaland (Thunberg)...."
Africa

Eragrostis stricta (Roth) Steud. Syn. Pl. Glum. 1: 264. 1854.

Based on "*Poa stricta* Roth."
India

Eragrostis stricta F. M. Bailey, Dept. Agric. Brisbane Bot. Bull. 3: 19. 1891. Not Steud. 1854.

"Hab. Walsh River, T. Barclay = Millar."
Australia

Eragrostis strigosa Anderss. in Peters, Reise Mosamb. Bot. 559. 1864.

"Standort: An feuchten Orten, ebenen Feldern, in sandigem und Marschboden, in Quellimane, an der Küste, im 18° S. B., in Boror, Sena und dem Festlande bei Mossambique 15° - 19° S. B."
[Peters 1842-1848] from title

Eragrostis suaveolens Becker ex Claus, Beitr. Pflanz. Russ. Reich 8: 266. 1851.

"Hab. circa Sarepta."
U.S.S.R. Europe

Eragrostis suaveolens var. *borysthonica* Schmalh. Mem. Soc. Nat. Kiev 13: 138. 1894.
In Russian only

Eragrostis subaristata Chase, Journ. Arn. Arb. 20: 305. 1939.

"Type: Brass 7879, collected in September 1936, occasional on wet grass plains, Lake Daviumbu, Middle Fly River. A second collection is Brass 8348 common in open savanna forest, Gaima, Lower Fly River."

= *Ectrosiopsis subaristata* (Chase) Jansen.
British New Guinea
(Type sp. is *E. subtriflora* Ohwi)

Eragrostis subatra Jedw. Bot. Archiv Mez 5: 202. 1924.

"Bolivia, prope La Paz (Busby nr. 80)."

Eragrostis subsecunda (Lam.) Fourn. Mex. Fl. 2: 118. 1886.

"(*Poa subsecunda* Lam.)" cited in list of *Eragrostis* sp. that belong in *Megastachya*, as misapplied by Fournier to species of *Eragrostis*.
China

Eragrostis subtriflora (Ohwi) Ohwi, Bull. Tokyo Sci. Mus. 18: 1. 1947.

Based on *Ectrosia subtriflora* Ohwi
= *Ectrosiopsis subtriflora* (Ohwi) Jansen
New Guinea

Eragrostis subulata Nees, Fl. Afr. Austr. 399. 1841.

"In solo Karro ad flumen Gauritzrivier et in eodem solo versus Langekloof (George), Eeklon."
So. Africa

Eragrostis sudanica Chevalier, Bull. Mus. Hist. Nat. (Paris) 20: 471. 1948.

Soudan français: Bamako sur les bords du Niger, Chev., no. 233, Coll. 20 janvier 1899.
Central Africa

Eragrostis sudans Griseb. Cat. Pl. Cub. 227. 1866.

Cuba or. (Nr. 3422)."
= *Eragrostis glutinosa* (Swartz) Trin. Man. W. I.

Eragrostis superba Peyr. Sitzungsab. Akad. Wiss. Math. Naturw. (Wien) 38: 584. 1860.

Hab. in locis umbrosis prope Benguela ad Loanda. Wawra Coll. no. 244."
Angola, Africa

Eragrostis superba var. *contracta* Peter, Repert. Sp. Nov. Fedde (Beih.) 40: Anhang, 107. pl. 63, f. 2. 1930; 330. 1931.

"D O Afr.: Kilimandscharo: Wegränder in Neu-Meschi"
"Specimina authentica Peter 41752"
Tanganyika

Eragrostis superba f. *contracta* Piov. N. Giorn. Bot. Ital. 63: 682. 1957.

not var. *contracta* Peter, 1930, 1931.

Eragrostis superba f. *expansa* Piov. N. Giorn. Bot. Ital. 63: 682. 1957.

Eragrostis Swallenii Hitchc. Journ. Washington Acad. Sci. 23: 451. 1933.

Type in U. S. Nat. Herb. No. 1,535,332 collected on sandy prairie at Riviera, Texas, June 8, 1931, by Jason R. Swallen (no. 1847)

Eragrostis taffzagra Steud. Syn. Fl. Glum. 1: 268. 1854.

"*Incolis Taffzagra*. Abyssinia."
Africa

Eragrostis tatarica (Fisch.) Nevski, Acta Inst. Bot. Acad. Sci. U.R.S.S. Fasc. 4: 226. 1937, in Russian. (Same comb. made by Henr. Blumea 3: 425. 1940)

Based on *Poa tatarica* Fisch. ex Griseb. in Ledeb. [Tartar. So. Europe and Asiatic Russia]

Eragrostis Tef (Zuccagni) Trotter, Bull. Soc. Bot. Ital. 62. 1918.

Based on *Poa Tef* Zuccagni
Africa

Eragrostis tef var. *adensis* f. *patens* Serpukova, Bull. Appl. Bot. Fl. Breed. Ser. A, No. 14: 141. 1934.

Cult. Leningrad, U.S.S.R.

Eragrostis tef var. *adensis* f. *spiciformis* Serpukova Bull. Appl. Bot. Fl. Breed. Ser. A, No. 14: 141. 1934.

Cult. Leningrad, U.S.S.R.

Eragrostis tef var. *adensis* f. *unilateralis* Serpukova, Bull. Appl. Bot. Fl. Breed. Ser. A, No. 14: 141. 1934.

Cult. Leningrad, U.S.S.R.

Eragrostis tef var. *alabastrina* Cif. & Baldr. Cer. Afr. Ital. 2: 18. 1939, nom. nud.; Atti Ist. Bot. Univ. Pavia V. 2: 168. 1944, short Latin descr.

Cult. in Ethiopia, Africa

Eragrostis tef var. *alba* f. *patens* Serpukova, Bull. Appl. Bot. Fl. Breed. Ser. A, No. 14: 141. 1934.

Cult. Leningrad, U.S.S.R.

Eragrostis tef var. *alba* f. *spiciformis* Serpukova, Bull. Appl. Bot. Fl. Breed. Ser. A, No. 14: 141. 1934.

Cult. Leningrad, U.S.S.R.

Eragrostis tef var. *alba* f. *unilateralis* Serpukova, Bull. Appl. Bot. Fl. Breed. Ser. A, No. 14: 141. 1934.

[*Paniculae rami unilateraliter directi*]

Cult. Leningrad, U.S.S.R.

Eragrostis tef var. *dschangar* f. *patens* Serpukova, Bull. Appl. Bot. Fl. Breed. Ser. A, No. 14: 143. 1934.

Cult. Leningrad, U.S.S.R.

Eragrostis tef var. *dschangar* f. *spiciformis* Serpukova, Bull. Appl. Bot. Plant. Breed. Ser. A, No. 14: 143. 1934.

Cult. Leningrad, U.S.S.R.

Eragrostis tef var. *dschangar* f. *unilateralis* Serpukova, Bull. Appl. Bot. Fl. Breed. Ser. A, No. 14: 143. 1934.

Cult. Leningrad U.S.S.R.

Eragrostis tef var. *opaca* Cif. & Baldr. Cer. Afr. Ital. 2: 18. 1939, nom. nud.; Atti Ist. Bot. Univ. Pavia V. 2: 168. 1944, short Latin descr.

Cult. in Ethiopia, Africa

Eragrostis tef var. *purpurea* f. *unilateralis* Serpukova, Bull. Appl. Bot. Fl. Breed. Ser. A, No. 14: 143. 1934.

Cult. Leningrad, U.S.S.R.

Eragrostis tef var. *rogevitziana* Cif. & Baldr. Cer. Afr. Ital. 2: 18. 1939, nom. nud.; Atti Ist. Bot. Univ. Pavia V. 2: 168. 1944, short Latin descr.

Cult. in Ethiopia, Africa

Eragrostis tef var. *rubiounda* f. *unilateralis* Serpukova, Bull. Appl. Bot. Fl. Breed. Ser. A, No. 14: 143. 1934.

Cult. Leningrad, U.S.S.R.

Eragrostis tef var. *trotteriana* Cif. & Baldr. Cer. Afr. Ital. 2: 18. 1939, nom. nud.; Atti Ist. Bot. Univ. Pavia V. 2: 168. 1944, short Latin descr. "oaryopsidibus rubris."

Africa

Eragrostis Tef subv. *variegata* (Roshev.) Serpukova, Bull. Appl. Bot. Fl. Breed. Ser. A, No. 14: 141. 1934.

Based on *E. tef* f. *variegata* Roshev. (p.p.)

Cult. Leningrad, U.S.S.R.

tef
Eragrostis subv. *variegata* f. *patens* Serpukova, Bull. Appl. Bot. Fl. Breed., Ser. A, No. 14: 143. 1934.

Cult. Leningrad, U.S.S.R.

Eragrostis tef subv. *variegata* f. *unilateralis* Serpukova, Bull. Appl. Bot. Fl. Breed. Ser. A, No. 14: 143. 1934.

Cult. Leningrad, U.S.S.R.

Eragrostis Tef subvar. *versicolor* Serukova, Bull. Appl. Bot. Fl. Breed. Ser. A, No. 14: 141. 1934, short Latin descr.

Eragrostis tef subv. *versicolor* f. *unilateralis* Serpukova, Bull. Appl. Bot. Fl. Breed. Ser. A, No. 14: 143. 1934.

Cult. Leningrad, U.S.S.R.

Eragrostis Tef var. *violascens* Cif. & Baldr. Cer. Afr. Ital. 2: 18. 1939, nom. nud.; Atti Ist. Bot. Univ. Pavia V. 2: 168. 1944, short Latin descr.

Cult. in Ethiopia, Africa

Eragrostis tef var. *viridis* f. *spiciformis* Serpukova, Bull. Appl. Bot. Fl. Breed. Ser. A, No. 14: 143. 1934.

Cult. Leningrad U.S.S.R.

Eragrostis tef var. *viridis* f. *unilateralis* Serpukova, Bull. Appl. Bot. Fl. Breed. Ser. A, No. 14: 143. 1934.

Cult. Leningrad, U.S.S.R.

Eragrostis tef var. *zuccagniana* Cif. & Baldr. Cer. Afr. Ital. 2: 17. 1939, nom. nud.; Atti Ist. Bot. Univ. Pavia V. 2: 168. 1944, short Latin descr.

Cult. in Ethiopia, Africa

Eragrostis tenax (H.B.K.) Steud. Nom. Bot. ed. 2. 1: 564. 1840.

Based on *Poa tenax* H.B. (= H.B.K.)

Ecuador, pr Chillo et Rio Guanopele

Eragrostis tenax Jedw. Bot. Archiv Mex 5: 193. 1924. Not Steud. 1840.

"Nova Caledonia, Isle des Pins (Germain); Australia tropica, Adelaide (Schultz nr. 312)."

South Pacific

Eragrostis tenella (L.) Beauv. ex Roem. & Schult. Syst. Veg. 2: 576. 1817.

Based on *Poa tenella* L.

India

Eragrostis tenella Nees, Fl. Afr. Austr. 405. 1841, as syn. of *E. parviflora* Trin. Not Beauv. 1812, nor Roem. & Schult. 1817.

This is cited as "*Eragrostis tenella* H. ab E. in Syst. Agrostoth. n. 79."

Eragrostis tenella Beauv. err. det. Benth. Fl. Hongk. 431. 1861. Not Beauv. in Roem. & Schult. 1817.

China

Eragrostis tenella var. *breviculmis* Stapf in Hook.f. Fl. Brit. Ind. 7: 316. 1896.

"From the Panjab to Behar and Central India."

Eragrostis tenella var. *compacta* Stapf ex Rendle, Cat. Afr. Fl. Welw. 2: 233. 1899.

"Loanda...no. 7478. A monstrous form."

Huilla...near Lopolle and Mene...no. 2635."

Africa

Eragrostis tenella var. *contracta* Hook.f. Handb. Fl. Ceylon 5: 291. 1900.

"C. F. 926 (in part)." [Ceylon Plants, Wight.]

Eragrostis tenella var. *densiflora* Hook.f. Handb. Fl. Ceylon 5: 291. 1900.

Ceylon

Eragrostis tenella var. *insularis* C. E. Hubb. Kew Bull. Misc. Inf. 1939: 654. 1939.

"Mauritius: canefields near Moka, Vaughan 1937 (typus)."

Eragrostis tenella var. *plumosa* (Retz.) Stapf in Hook.f. Fl. Brit. Ind. 7: 315. 1896.

Based on "*Poa plumosa* Retz."
(Konig) India

Eragrostis tenella var. *riparia* (Willd.) Hook.f. Fl. Brit. Ind. 7: 315. 1896.

Based on "*Poa riparia* Willd."
Madras

Eragrostis tenella var. *viscosa* (Retz.) Stapf in Hook.f. Fl. Brit. Ind. 7: 315. 1896.

Based on "*Poa viscosa* Retz."
Malabar, India

Eragrostis tenellula (Kunth) Steud. Syn. Fl. Glum. 1: 279. 1854.

Based on "*Poa tenellula* Kunth." this based on *Poa tenella* R. Br. Not L.
Australia

Eragrostis tenuiflora Rupr. ex Steud. Syn. Fl. Glum. 1: 268. 1854.

"(Hrb. Fl. Aeth. Kotsch. nr. 185.)...Semaar Nubiae."
Egyptian Sudan

Eragrostis tenuifolia Hochst. Flora Intell. 24: 20. 1841, nom. nud.; *E. tenuifolia* (Rich.) Hochst. ex Steud. Syn. Fl. Glum. 1: 268. 1854.

Based on *Poa tenuifolia* Rich. Tent. Fl. Abyss. 2: 425. 1851.
"Prov. Chiré---et prope Adama." Quartin-Dillon, coll.
Abyssinia

Eragrostis tenuifolia var. *polytricha* Peter, Report. Sp. Nov. Fedde (Beih.) 40: Anhang, 110, pl. 66. f. 2. 1930; 336. 1931.

"...D O Afr.---.Uha: bei Kassulo (Peter 37487)"
"Specimina authentica: Peter 37487, 42477."
Tanganyika

Eragrostis ? tenuis (Ell.) Steud. Syn. Fl. Glum. 1: 273. 1854.

Based on *Poa tenuis* Ell.
= *E. capillaris* (L.) Nees Man. U. S.
S. Carolina

Eragrostis tenuis var. *texensis* Vasey, Contr. U. S. Nat. Herb. 1: 59. 1890.

"in the region of the Rio Grande, in Texas, from Brazos Santiago to El Paso county."
"Collected by both Beverton and Nealley."
= *E. trichodes* Man. U. S.

Eragrostis tenuissima Schrad. ex Nees, Fl. Afr. Austr. 410. 1841.

"*Eragrostis caudata* N. ab E. in Royle. Herb. et M. Arn. et N. ab E. Glum.
Ind. or."

Eragrostis tephrosanthos Schult. Mant. 2: 316. 1824.

"In Martinica. Hortulamus Di Sieber."
Man. U. S.
West Indies

Eragrostis terebinthacea Kurz ex Stapf in Hook.f. Fl. Brit. Ind. 7: 316. 1896, as syn. of *Eragrostis tenella* subv. *lasiantha* Stapf.

India

Eragrostis terrestris Keng, Contr. Biol. Lab. Sci. Soc. China Bot. Ser. 10: 182. f. 20. 1936.

"Type in the Herbarium of the National Central Univ. Nanking, China, collected on grassy moist ground, outside of Chao Young Men, Nanking City, Sept. 27, 1927; by Y. L. Keng (no. 1240); Dupl. type in the U. S. Nat. Herb. no. 1387167."

China

Eragrostis theinlinii Bor, Indian Forest Rec. n. ser. Bot. 3. 144. 1941.

Burma

Eragrostis Tholloni Franch. Bull. Soc. Hist. Nat. Autun 8: 383. 1893.

"Hab.--Congo, dans la plaine de Mpila près de Brazzaville (J. de Brazza et Thollon, n. 59 et 4086)."

Africa

Eragrostis thraulestachys Schum. ex Stapf in Hook.f. Fl. Brit. Ind. 7: 325. 1896, as syn. of *Eragrostis bifaria* Wight ex Steud.

"K. Schum. ined." cited
India Africa

Eragrostis thunbergiana Steud. Nom. Bot. ed. 2. 1: 564. 1840, based on *Poa filiformis* Thunb.; Steud. Syn. Fl. Glum. 1: 271. 1854. Based on *Eragrostis filiformis* (Thunb.) Nees 1832. Not Link 1827.
Cape Good Hope, Africa, Thunberg.

Eragrostis thunbergii Franch. Bull. Soc. Lim. (Paris) 2: 1055. 1892.

Based on *Poa spinosa* Thunb.
Cape Good Hope Africa Thunberg

Eragrostis thunbergii Baill. Hist. Fl. 12: 222. 1893, error for *thunbergiana*. Not *E. thunbergiana* Steud. 1840, 1854.

Eragrostis thunbergii Koidz. Bot. Mag. Tokyo 39: 304. 1925. Not *Eragr. thunbergii* Franch. 1892.

Based on *Poa barbata* Thunb.
Japan

Eragrostis thyrsoides Hilleb. Fl. Hawaiian Isls. 529. 1888.

"Oahu! Maui!"
Hawaiian Isls.

Eragrostis timorensis Henr. Report. Sp. Nov. Fedde 18: 240. 1922.

"Insula Timor, Coepang, Apr. 1803 legit Rob. Brown, ex Herbario Musci Britannici, in Herb. Lugd. Bat. sub no. 908, 98-578 et no. 908, 88-50."
Malay archipelago

Eragrostis trachycarpa (Benth) Domin, Report. Sp. Nov. Fedde 9: 552. 1911.

Based on "*Eragrostis nigra* v. *trachycarpa* Benth." Fl. Austral. 7: 643. 1878.
New South Wales, Australia

Eragrostis trachyphylla, Pilger, Bot. Jahrb. Engler 30: 269. 1901.

"Unyika: auf weiligem Plateau im Buschwald bei Sintas Dorf, um 1600 m (n. 1435.....1899)" [W. Goetze, Coll.]
Tanganyika Africa

Eragrostis traacyi Hitchc. Amer. Journ. Bot. 21: 130. f. 1. 1934.

Type in the U. S. Nat. Herb. no. 441983, collected on Sanibel Island, Florida, May 19, 1901, by S. M. Traacy (no. 7168).
Man. U. S.

Eragrostis transvaalensis Gandog. Bull. Soc. Bot. France 66: 299. 1920.

"Hab.: Transvaal, ad Machabeni (Schlechter n. 46591)"
Africa

Eragrostis tremula Hochst. Flora 23: Beibl. 134. 1842, nom. nud.; ex Steud. Syn. Fl. Glum. 1: 269. 1854.

"Sendung von Pflanzen aus Nubien und Kordofan (Kotschy, coll.)" ---title in Flora
"Hrb. um. it nr. 6--Nubia" Steud. 1854.
Africa

Eragrostis trepidula C. E. Hubb. Kew Bull. 1957: 58. 1957.

Angola: Lunda District: Henrique de Carvalho (Saurimo), near R. Chicapa---1015 m., April 1937, Gossweiler 11666.
Africa

Eragrostis triangularis Henr. Report. Sp. Nov. Fedde 23: 301. 1927.

"Paraguay: Coaguazu, in campis, 24 mart. anno 1876, leg. B. Balansa, no. 236. Typus speciei in Herb. Lugd. Bat. sub no. 908, 88-310."

Eragrostis tribiformis Pilger ex De Wild. Ann. Mus. Congo Bot. Ser. V. 2: 15. 1907. No description.

"Pilger in Herb. Berol. Boma, 29 juillet 1903 (L. Fynaert, n. 354).
Belgian Congo

Eragrostis trichocolea Hack. & Arech. Anal. Mus. Nao. Montevideo 1: 444. 1896.

"(Hack.) Arech." p. 444.
"Hack et Arech" p. 563.

"Se encuentra en terrenos arenosos de la costa del Rio de la Plata."
Man. U. S. Uruguay

Eragrostis trichodes (Nutt.) Wood, Class-book ed. 1861. 796. 1861.

Based on *Poa trichodes* Nutt.
Man. U. S.

Eragrostis trichodes var. *pilifera* (Scheele) Fernald, Rhodora 40: 331. 1938.

Based on *E. pilifera* Scheele
= *E. pilifera* Man. U. S.
New Braunfels, Texas

Eragrostis trichophora Coss. & Dur. Bull. Soc. Bot.
France 2: 311. 1855; Coss. & Dur. Expl. Sci. Alger.
2: 150. 1855.

Based on *Eragrostis geniculata* Dur. (sub. Foa) in
Expl. sc. Alger. t. 40, f. 4, non *E. geniculata* Nees.

Algeria Africa

Eragrostis trichophora var. *glabrielmii* Hack. ex
Pilger, Willdenowia 1: 218. 1954.

"Die fast kahle form ist *E. atherstonei* Stapf (*E.*
trichophora Coss. & Dur. var. *glabrielmii* Hack.)
No description but "fast kahle."

S. W. Africa

Eragrostis trichophylla Benth. Fl. Austral. 7: 644.
1878.

"S. Australia. North of Fowler's Bay, Giles."

Eragrostis tricuspidata Trin. Mém. Acad. St. Pétersb. VI.
Math. Phys. Nat. 1: 414. 1830.

"*Tricuspidata* caroliniana Pal." [Beauv.]

Carolinian U. S.

Eragrostis triflora Ekman, Ark. for Bot. 11⁴: 42. 1912.

"Bonpland, localis siccis, saxosis, apricis ("campi-
nas" incol.) trans "Martires chico" amnem, 20.
1.08, n. 714." [Ekman] [Misiones, Argentina]

Eragrostis tristis Jedd. Bot. Archiv Mez 5: 205. 1924.

"Bolivia, ad Huancapamba (Pflanz nr. 359), Quechisla
(Bender nr. 19); Peruvia, prope Taona (Heyen)."

A.S.H. Andes Gr.

Eragrostis triticea (Presl) Steud. Nom. Bot. ed. 2.
1: 564. 1840.

Based on *Megastachya triticea* Presl.

Palermo Sicily

Eragrostis truncata Hack. Bot. Jahrb. Engler
11: 405. 1889.

"Betschuanaland, in lapidosis ad fontem Kaohum...
(Marl. n. 1023)."

South Africa

"aff. *E. brizanthae* Nees"

Eragrostis tubiformis Hack. ex De Wild. Miss. E. Laurent
1: 208. 1906, nom. nud.

No description only: "Kasai, 12 novembre 1903; îlot
du Bas-Sankuru, 17 novembre 1903; Dima, 11 novembre
1903; chutes de la Tschopo, 15 Janvier 1901 (Em. et
M. Laurent); environs de Bokala, 31 mars 1905;
environs de Léopoldville 18 et 20 février 1905
(Haro, Laurent)."

[Congo Free State]

Eragrostis tubiformis Pilger ex De Wild. Ann. Mus.
Congo. V 2: 15. 1907. nom. nud.

Eragrostis turgida (Schumacher) De Wild. Compagnie
Kasai 250. 1910.

Based on *Poa turgida* Schum.

Guinea, Afr. [Thonning & other Danish botanists]

Eragrostis turgida var. *iverensis* Chevalier, Bull. Mus.
Hist. Nat. (Paris) 20: 473. 1948.

Haute Côte d'Ivoire: savane au confluent du Sassandra
et du Bafing (Chev., no. 21772).

Central Africa

Eragrostis uniglumis Hack. Proc. Rhodesia Sci. Assoc.
7²: 66. 1908.

"leg. Jeffreys, no. 48."

"Bulawayo" S. Africa

Eragrostis uninervia (Presl) Steud. Syn. Fl. Glum.
1: 278. 1854.

Based on *Megastachya uninervia* Presl

= *Leptochloa uninervia* Man. U. S.

Mexico

Eragrostis uniola Nees, Agrost. Bras. 494. 1829.

"Habitat in confinibus regni Paraguayan. (Sellow.)
(Vidi in Herb. Reg. Berol.)"

Brazil

Eragrostis uniola var. *papillosa* (Schrad.) Dur. &
Schinz, Consp. Fl. Afr. 5: 891. 1894.

"*Brizopyrum capense* var. *papillosa* Nees

[*Poa papillosa* Schrad.]

Cape of Good Hope. Herr Frediger Hesse

Africa

Eragrostis unioloides (Retz.) Nees ex Steud. Syn. Fl.
Glum. 1: 264. 1854.

Based on "*Poa unioloides* Retz. [1789] Non Roxb."
[misapplied 1820]

"Comm. König."

[India?]

Eragrostis unioloides var. *tremula* K. C. Jacob, Journ.
Bombay Nat. Hist. Soc. 47: 48-51. 1947.

In Madras Herbarium, Coimbatore. Madras Herbarium
No. 86288. Collected by K. Cherian Jacob in November
1941.

South India, Travancore, Tiruvalla; elevation about
100 ft.

Eragrostis unionis Steud. Syn. Fl. Glum. 1: 273. 1854.

"*Poa capillaris* Hrbr. Frank. un. it. 1835 (non 1837)
Miami, Am. sptr.

= *E. pectinacea* Man. U. S.

Ohio

Eragrostis Urbaniana Hitchc. in Urban, Symb. Antill.
7: 167. 1912.

"Hab. in ins. Bonaire, 25. Febr. 1885: W. F. R.
Suringar(---U. S. Nat. Herb. n. 690359---)."

Man. W. I.

Dutch W. I.

Eragrostis urvillei Steud. Syn. Fl. Glum. 1: 279. 1854.

"Urville legit in N. Holl."

Australia

Eragrostis vacillans Rendle, Cat. Afr. Fl. Welw.
2¹: 249. 1899.

"Huilla---In fields and among plantations of Zea
Mays near Lopollo...No. 2646. In short thicket-
grown sandy pastures in the Humpata district...No.
7504." [Welwitsch, Coll.]

Angola, Africa

Eragrostis vahlia (Roem. & Schult.) Nees, Agrost. Bras.
499. 1829.

Based on "*Poa vahlia* R. et Sch." this based on *Poa*
racemosa Vahl. 1796. Not Thunb. 1794.

America meridionali (von Rohr)

Brazil

Eragrostis vahlia var. *coarctata* Doell in Mart. Fl.
Bras. 2³: 155. 1878.

"prope Ilheos in sabulosis ad ostia fluvii Rio de
Caxoeira prov. Bahiensis (Martius): ad Corgo Rubim
(Pohl n. 3247)---"

Brazil

Eragrostis vahlia var. *polyantha* Doell in Mart. Fl.
Bras. 2³: 155. 1878.

"*Eragrostis vahlia* var. Nees ab Esenb. Agr. bras.
500."

[unnamed var. in Nees,---"ad Manacouré; in fl.
Japurá, ad Arara-Coara---Mart" Prov. Rio Negro.

Brazil

Eragrostis vahlia var. *sejuncta* Doell in Mart. Fl.
Bras. 2³: 155. 1878.

No citation Brazil

Eragrostis vahlia var. *subfasciculata* Doell in Mart.
Fl. Bras. 2³: 155. 1878.

"*Eragrostis compacta* Steud." cited.

Brazil

Eragrostis valida Pilger in von Rosen, Wiss. Ergeb.
Schwed. Rhod.--Kongo Exped. 1: 214. 1915.

"Nordost - Rhodesia: Bangweolo- See, bei Kasomo ...
n. 659 und bei Kamindas....n. 896."

Africa

Eragrostis valida Stent, Bothalia 1: 172. 1922. Not
Pilger 1915.

"Maritzburg, Natal, Angus 2 (Govt. Herb. 13862)."

Natal - Africa

Eragrostis vanderysti De Wild. Bull. Jard. Bot. Brux.
6: 71. pl. 4. 1919.

"LutshimaVanderyst, n. 2854)."

[Congo Africa]

Eragrostis vansonii Bremekamp & Obermayer, Annale Gras.
Transv. Mus. 16: 407. 1935.

Kanke, Bechuanaland, leg. G. van Son. T. M. 28605.

Africa

Eragrostis variabilis (Gaud.) Steud. Nom. Bot. ed. 2.
1: 564. 1840, as syn. of *E. wahowensis* Trin. 4/Hillebr.
Fl. Hawaiian Isl. 528. 1888.

Based on *Poa variabilis* Gaud.

Hawaiian Isls.

Eragrostis variabilis var. *ciliata* Hillebr. Fl.
Hawaiian Isl. 529. 1888.

"Oahu!"

Hawaiian Isls.

Eragrostis variegata Welw. in Rendle, Cat. Afr. Fl.
Welw. 2¹: 251. 1899.

"Mossamedes and Cape Negro.--On dry low hills near
Villa de Mossamedes,... no. 2300." [Welwitsch]

Angola, Africa

Eragrostis Válovae Chiov. Atti Reale. Accad. d'Italia
Memor. Classe Sci. Fisio. Math. Nat. 11: 65. 1940,
as syn. *Acrochne válovae* Chiov.

Africa

"Venezuela: in campis prope Las Trincheras leg.
Warming."

Eragrostis weberae Peter, Repert. Sp. Nov. Fedde (Beih.)
40: Anhang, 104, pl. 61. f. 2. 1930; 327, 1931.

"D O Afr., Uvinsa: Grassteppe östl. Malagarassi."

"Specimina authentica: Peter 36165."

East Africa

Eragrostis weberbaueri Pilger, Bot. Jahrb. Engler
37: 375. 1906.

"Peru: Depart. Ancachs, inter Samanco et Caraz infra
Pampa Romas....(Weberbauer n. 3189)...."

Eragrostis Weigeltiana (Reichenb.) Bush, Trans. Acad.
St. Louis 13: 180. 1903.

Based on *Poa Weigeltiana* Reichenb."

"collected in Surinam by Weigelt in 1827."

= *E. reptans* Man. U. S.

Eragrostis welwitschii Rendle, Cat. Afr. Fl. Welw.
234. 1899.

"Pungo Andongo? - No. 2961 (no information)."
[Welwitsch]

Angola, Africa

Eragrostis Whitneyi Fosberg, Occas. Papers Bishop Mus.
139: 39. f. 1, b; 2, a, b. 1939.

"Christmas Island: Motu Tapu, alt. 0.5 m., Aug. 16,
1936, Fosberg 13195 (type of variety [typical] and
species, type sheet in Bishop Museum."

Pacific equatorial and leeward Hawaiian islands

Eragrostis Whitneyi var. *Caumii* Fosberg, Occas. Papers
Bishop Mus. 150: 41. f. 1, c; 2, c. 1939.

"Ocean (Kure) Island: north side, alt. 4m., April 17,
1923, Caum 7 (type)."

Found only in the westernmost leeward Hawaiian
islands.

Isl. Pacific Ocean

Eragrostis wightiana (Nees) Benth. in Hook. Icon. Fl.
14: pl. 1381. 1882.

Based on "*Leptochloa wightiana* Nees."

India

Eragrostis willdenowiana Nees in Wight Cat. n. 1779, 1833

Catalogue of dried specimens of Indian plants, in
British Museum.

India

Eragrostis willdenowiana Nees in Hook. & Arn. Bot.
Beechey's Voy. 252. 1838.

"*Poa polymorpha*, Willd. in Act. Am. Nat. Cur. Berol.
4. p. 194 (ex parte)."
"Ciroa Macao" China
[Portuguese port]

Eragrostis willdenowii Nees ex Steud. Nom. Bot. ed. 2
1: 565. 1840. Not Nees in Hook. & Arn. 1838.

"*Poa gangetica* Roxb." cited.

Banks of the Ganges India

Eragrostis Wilmaniae C. E. Hubb. & Schweick. Kew Bull.
Misc. Inf. 1939: 652. 1939.

South Africa. Cape Province....Herbert District;
Honeyestkloof, damp places, March 1920, Wilman in
McGregor Mus. 558 (typus)."

Eragrostis wilmsii Stapf in Thiseit.-Dyer, Fl. Cap.
7: 606. 1900.

"Kalahari Region: Transvaal; near Pretoria Wilms,
1713 al"

Africa

Eragrostis wolgensis Roshev. Act. Hort. Petrop. 40: 163.
f. 91. 1928, in Russian.

"Rossiae Austro-Orientalis"

Eragrostis xerophila Domin Journ. Linn. Soc. Bot.
41: 281. pl. 12. f. 18-20. 1912.

"N. W. Australia: inter fl. Ashburton et De Gray,
collegit Dr. E. Clement."

Eragrostis xerophila F. Brown, Bishop Mus. Bull.

84: 82. pl. 9 A. 1931. Not Domin 1912.

"Marquesas, western Nukuhiva, Mauu, June 20, 1921,
F. Brown, no. 436, type."

[Marquesas Isl. Pacific]

Eragrostis yemenica Schweinf. Bull. Herb. Boiss.

2: App. 2: 41. 1894.

"Arab., Yemen. Unter Ussil (1100m.) 1332."

Aeth., Col. Eritrea. Oberstes Thal des Lava, unter
Geleb ..1272, coll. 1891. [Schweinfurth, Coll.]

Arabia, Africa

Eragrostis yucatana L. H. Harvey, Univ. Microfilms

Publ. 967: 72. 1948; Bull. Torrey Club 81: 406.
1954.

(Mexico: Yucatan: Progreso, Swallen 2933
1948, (Mich. U.S.); San Anselmo, Gaumer 1207....
Chichan-Kanab 2249....)

(Specimen typicum legit J. R. Swallen n. 2933
1954, (U.S. 1,537, 194), 11-15, Aug. 1933----prope Progreso.
Yucatan----)

Eragrostis zeylanica Nees, Nov. Act. Acad. Cass. Leop.

Carol. 19: Suppl. 1: 72. 1841; 204. 1843.

"In Ceylona, Maoras, Iulio 1829. (Herb. Lindl. et
Arnott.)"

Eragrostis zeylanica Munro ex Hance, Journ. Linn. Soc.

13: 137. 1873, as syn. of *E. bahiensis* Schrad.

Not Nees 1841.

[Ceylon]

Eragrostis monothalamia Doell in Mart. Fl. Bras.

238. pl. 48. 1877.

Based on "*Pariana parviflora* Trinius."

"In silvis umbrosis prope Castelnovo provinciae
Bahiensis (Riedel n. 1591)." cited

Eremochlamys arenaria Peter, Repert. Sp. Nov. Fedde

(Beih.) 40: 164, (Anhang 19), pl. 18, fig. 1. 1930-
1931. [text 1930. f. 1931.]

Angola: Lebito Bai im Dünensande...Peter 30069.

E. arenaria Peter- *Tricholaena monachne* (Trin.) Stapf,
fide Pilger, Pflanzenfam. p. 99. 1940.

Eremochlamys littoralis Peter, Repert. Sp. Nov. Fedde

(Beih.) 40: 164, (Anhang 20), pl. 18, fig. 2. 1930.
[fig. 1931]

"Deutsch-Ost Afr.: Usaramo: Daressalam den See
von Mbagara....Peter 45097."

[Peter, Bot. Jahrb. Engler 68: 140. 1937, erroneously
refers *Panicum merkeri* Mez to *Eremochlamys littoralis*;
type of that does not agree with description
and fig. 2, pl. 18. Beih. Rep. Sp. Nov. Fedde 40: 164.
Beih. p. 20. 1931. [Text 1930, illust. 1931.]

Eremochloë bigelovii S. Wats. in King, Geol. Expl. 40th
Par. 5: 382, pl. 40. f. 1-9. 1871.

[name on the plate is "*Eremochloë thurberi*."]

= *Elepharidachne Bigelovii* (S. Wats.) Hack in DC.
Monogr. Phan. 6: 261. 1889.

[Frontera, near El Paso (Texas) Wright 2028.

Man. U. S.

Eremochloa bimaculata Hack. in DC. Monogr. Phan.

6: 265. 1889.

"India orient. (Griff. 6774 in h. berol.)"

Eremochloa ciliaris (L.) Merr. Philippine Journ. Sci.

1:(Suppl. 5) 331. Dec. 1906.

Based on *Nardus ciliaris* L.

India

Eremochloa ciliaris var. *elata* Reeder, Journ. Arn. Arb.

29: 351. 1948.

"British New Guinea: Western Division: Lake Daviumbu,
Middle Fly River, Brass 7808 (A. type, US) Sept.,
1936 (probably a rare glaucous form of the common
7849)."

Eremochloa ciliatifolia Hack. in DC. Monogr. Phan.

6: 265. 1889.

"India orient. (Griff. 6776 in h. berol.)"

Eremochloa eriopoda C. E. Hubb. in Hook. f. Icon. Fl.

34: pl. 3376. 1939.

"Siam, Ubon: Muang Samsip, in saline sand, c. 100m.,
26 Jan. 1924, Kerr 8354 (type)."

ab *E. ciliatifolia* Hack.

Eremochloa falcata (Nees) Hack. in DC. Monogr. Phan.

6: 263. 1889.

Based on "*Ischaemum falcatum* Nees."

China

Eremochloa helferi Hook. f. Fl. Brit. Ind. 7: 141. 1896.

"Munro ex Hack. Monogr. Androp. 266." erroneously
cited as authority and place of publication since
in Hack. in DC. Monogr. Phan. 6: 266. 1889. "*Ischaemum*
Helferi Munro" is cited as an unpublished
herbarium name, as synonym of *E. ciliatifolia* Hack.

= *E. ciliatifolia* Hack. "India orient. (Griff. 6776
in h. berol.)" "Tenasserim, Griffith, Helfer."

Eremochloa horneri Buse in Miquel, Fl. Jungh. 357. 1854.

"Habitat in Sumatrae graminosis vastis, Padang lawas
diotis, prope Pertibi. Horner in herb. Jungh."

Eremochloë kingii (S. Wats) in King, Geol. Expl. 40th

Par. 5: 382. pl. 40. f. 10-16. 1871.

Trinity Mountains, Nevada. Watson.

= *Elepharidachne kingii* (S. Wats.) Hack.

Man. U.S.

Eremochloa leersioides (Munro) Hack. in DC. Monogr.

Phan. 6: 264. 1889.

Based on "*Ischaemum leersioides* Munro."

China

Eremochloa leersioides var. *gigantea* A. Camus in

Leconte, Not Syst. 33: 87. 1914.

"Annam: Lang bian [Eberhardt, no. 1850, p. p.]--
Cochinchine: [Pierre]."

Asia

Eremochloa leersioides var. *pygmaea* A. Camus in Lecomte,
Not Syst. 33: 87. 1914.

"Tonkin: Mat son [Bon, no. 5153].--Annam: prov. Tri,
village Thuy loan [Bauchoe, no. 97]."

Asia

Eremochloa leersioides var. *Thorelii* A. Camus, in
Lecomte, Not Syst. 33: 87. 1914.

"Cambodge: Bassac [Thorel]"

Asia

Eremochloa malayana Ridley, Mater. Fl. Mal. Penins.
3: 155. 1907.

"Kedah: Yan (Ridley 5154).

Malay Peninsula

Eremochloa muricata Hack. in DC. Monogr. Phan. 6: 262.
1889.

Based on "*Aegilops muricata* Retz."

Ischaemum pectinatum Trin. cited as syn.

India

Eremochloa ophiuroides (Munro) Hack. in DC. Monogr.
Phan. 6: 261. 1889.

Based on "*Ischaemum ophiuroides* Munro."

China

Eremochloa ophiuroides var. *longifolia* Hayata, Icon.
Fl. Formos. 7: 78. 1918.

"Hab. Tainan, leg. T. Sōma, Aug. 1914."

Formosa

Eremochloa Petelotii Merr. Univ. Calif. Publ. Bot.
10: 423. 1924.

"Indo-China, Cambodia, Campong Chnang, Dr. A. Petelot
247, July, 1921."

Aff. *Eremochloa muricata* Hack.

Eremochloa thurberi S. Wats. in King, Geol. Expl. 40th
Par. 5: 382, pl. 40, f. 1-9. 1871.

[name inadvertently given on plate illustrating
E. bigelovii.

= *Blepharidachne bigelovii* Man. U. S.

Texas

Eremochloa zeylanica Hack. in DC. Monogr. Phan.
6: 263. 1889.

Based on *Ischaemum falcatum* Thw. Enum. Fl. Zeyl.
p. 436. Non Nees."

Ceylon

Eremopoa altaica (Trin.) Roshev. in Komarov, Fl. U.R.S.S.
2: 431, pl. 32, fig. 13. 1934.

Based on *Aira altaica* Trin.

Siberia

Eremopoa bellula (Regel) Roshev. in Komarov, Fl. U.R.S.S.
2: 431, pl. 32, fig. 12. 1934.

Based on
Festuca bellula Regel.

Siberia

Eremopoa multiradiata (Regel) Roshev. in Komarov, Fl.
U.R.S.S. 2: 430, pl. 32, fig. 7, a. 1934.

Based on *Poa palustris* var. *multiradiata* Regel

Eremopoa nephelochloides Roshev. in Kōie, Flora Sudwest
Irans. I. Danish Sci. Invest. Iran. pt. 4: 50. 1945.

Same Roshev. Not. Syst. Herb. Inst. Bot. Komarov,
Acad. Sci. U.R.S.S. 9: 255, 258. 1946.

Kechwar, 700 m (3.V. 1937, no. 475). Chah-Bazar,
500m.

"Irania, 60 km. ab Dizful 500 m.s.m. 3/V 1937, n.475,
leg. Kōie."

Persia

= *Nephelochloa* in Herb.

Eremopoa oxyglumis (Boiss.) Roshev. in Komarov, Fl.
U.R.S.S. 2: 430, 756, pl. 32, fig. 9, 10. 1934.

Based on *Poa persica* var. *oxyglumis* Boiss.

Asia, Asia Minor

Eremopoa persica (Trin.) Roshev. in Komarov, Fl. U.R.S.S.
2: 430, pl. 32, fig. 8. 1934.

Based on *Poa persica* Trin.

Persia

Eremopoa persica (Trin.) Roshev. var. *nephelochloides*
Roshev. in Kōie, Fl. Sudwest Irans I. Danish Sci.
Invest. Iran pt. 4: 50. 1945, as syn. of *Eremopoa*
nephelochloides Roshev. Iran

Same Roshev. Not. Syst. Herb. Inst. Bot. Komarov
Acad. Sci. U.R.S.S. 9: 258. 1946, as syn. of *E.*
nephelochloides Roshev.

= *Nephelochloa* in Herb.

Eremopoa persica var. *songarica* (Schrenk) Bor, Grasses of
Burma, Ceylon, India and Pakistan 532. 1960.

Based on *Glyceria songarica* Schrenk.

Western Himalaya, mountains of Southern Russia.

Exsicc.--Griffith 182, Afghanistan; R. R. Stewart
22204a, Kashmir.

Eremopoa persica var. *typica* Grossh. Trudy Bot. Inst.
Azerbaijdzh. Fil. Akad. Nauk. S.S.S.R. 8: 268. 1939.

" = *Eremopoa persica* Rosh, Fl. SSSR, II, 430 (1934)."
cited

Eremopoa songarica (Schrenk) Roshev. in Komarov, Fl.
U.R.S.S. 2: 431, pl. 32, fig. 11. 1934.

Based on *Glyceria songarica* Schrenk

Manchuria, Asia

Eremopogon Buonapartii var. *sublauginosus* (Drob.)
Meld., Ark. för Bot. 2: 305. 1952.

Syn.: *Hordeum hirsutum* Bertol.

Agropyron orientale var. *sublauginosus* Drob.
A. Buonapartii var. *pilosum* Grossh.
Eremopogon hirsutum (Bertol.) Nevski.

Transjordan

Eremopogon delavayi (Hack.) A. Camus, Ann. Soc. Linn.
Lyon 68: 208. 1921.

Based on *Andropogon Delavayi* Hack.

China

Eremopogon foveolatus (Del.) Stapf, Fl. Trop. Afr.
9: 183. 1917.

Based on *Andropogon foveolatus* Del.

Egypt

Eremopogon paranjpyeanum (Bhide) Blatt. & McCann,
Journ. Bombay Nat. Hist. Soc. 32: 427. 1928.

Based on *Androp. paranjpyeanum* Bhide

Prov. Bombay, India

Eremopogon strictus (Roxb.) A. Camus, Ann. Soc. Linn.
Lyon 68: 208. 1921. (1922 in Bor.)

Based on *Andropogon strictus* Roxb.

India

Eremopogon triticeum (Gaertn.) Nevski, Inst. Bot.
Acad. Scient. URSS. 63. 1936.

Sect. 1. *Micropyron* Nevski, 1 species, *E. triticeum*
(Gaertn.) Nevski "introduced into the Canadian West
where small populations appear to have been per-
manently established." Bowden, Can. Journ. Bot.
37: 1147. 1959.

Eremopogon tuberculatus (Hack.) A. Camus, Ann. Soc.
Linn. Lyon 68: 208. 1921.

Andropogon tuberculatus Hack.

Indiae orient. Peninsula pr. Assinger, Coll.
Kuntze

Eremopyrum bourgaei (Boiss.) P. Candargy, Tribu Hordees,
Mus. Hist. Nat. Paris 1897-98-99: 60.

Same comb., same basis: Maire, Bull. Soc. Hist. Nat.
Afr. Nord. 20: 207. 1927.

Based on *Agropyron bourgaei* Boiss.

Africa

Eremopyrum brownei (Kunth) P. Candargy, Tribu Hordees,
Mus. Hist. Nat. Paris 1897-98-99: 62.

Based on *Triticum brownei* Kunth, this based on
Triticum pectinatum R. Br. Not Marsh-Bieb., 1808.

Eremopyrum bulbosum (Boiss.) P. Candargy, Tribu Hordees,
Mus. Hist. Nat. Paris 1897-98-99: 61.

Based on *Agropyron bulbosum* Boiss

Persia

Eremopyrum Buonapartii (Spreng.) Nevski in Komarov, Fl.
U.R.S.S. 2: 663, pl. 47a, fig. 8, a-d. 1934.

Same, Nevski, Act. Univ. Asiae Med. VIIIb. Bot. 17:
52. 1934 [April 13] [Nevski, Acta Inst. Bot. Acad.
Sci. U.R.S.S. 1: 18. 1933 mentioned in Russian text]

Based on *Triticum Buonapartii* Spreng. [Buonapartii
in Spreng.]

Eremopyrum Buonapartii var. *hirsutum* (Bertol.) Grossh.
Trudy Bot. Inst. Azerbaijdzh. Fil. Akad. Nauk S.S.S.R.
8: 343. 1939, in Russian.

Based on *Hordeum hirsutum* Bertol.

[pl. Euphrates, Asia]

Eremopyrum buonapartii var. *pakistanicum* Melderis in
Bor, Grasses of Burma, Ceylon, India and Pakistan
697. 1960.

Pakistan: Quetta, 5/5 1956, J. J. Norris 65a
(holotypus in Herb. Kew.).

Eremopyrum buonapartii var. *sublauginosus* (Drob.)
Meld. [in Priyabrata Sarker] Canadian Journ. Bot.
36: 540. 1958. [no botanical description]

"*Eremopyrum hirsutum* was received in form of a single
spike under the name *E. buonapartii* from Prof.
Naomi Feinbrun of bot. dept. of the Hebrew Univ. in
Jerusalem--collected in Central Antolia, 104 km.
south of Ankara, by H. Birand and M. Zehary.

Eremopyrum cretense (Coust. & Gandog.) Nevski, Act.
Univ. Asiae Med. VIIIb. Bot. 17: 52. 1934.

Based on *Agropyron cretense* Coust. & Gandog.

Crete

[*Elymus delileanus* fide Turrill]

Eremopyrum cristatum Willk. & Lange, Prodr. Fl. Hisp.
1: 108. 1870.

[Willk. & Lange give after E. cristatum "Ledeb. Fl. alt. 1: 115 [error for 113], as if published there, but Ledeb. places it under Trit. cristatum [p. 113] with Eremopyrum as a group name]

Presumably based on *Bromus cristatus* L., this basis of *Agropyron cristatum* (L.) Gaertn.

Northern Asia

Eremopyrum cristatum var. *glabriglume* (M.-Bieb.) P.
Candargy, Tribu Hordees, Mus. Hist. Nat. Paris
1897-98-99: 61.

Based on *Tritium cristatum* Marsch.-Bieb. [not *T. cristatum* Schreb.]

Eremopyrum cristatum var. *imbricatum* (M. Bieb.) P.
Candargy, Tribu Hordees, Mus. Hist. Nat. Paris
1897-98-99: 61.

Based on *Tritium imbricatum* Marsch.-Bieb.

Asiatic Turkey

Eremopyrum cristatum var. *pectinatum* (M. Bieb.) P.
Candargy, Tribu Hordees, Mus. Hist. Nat. Paris
1897-98-99: 61.

Based on *Tritium pectinatum* Marsch.-Bieb.

Asiatic Turkey

Eremopyrum cristatum var. *villosum* Willk. & Lange.
Prodr. Fl. Hisp. 1: 108. 1861.

"In gypsoeas Catalaun (c. Balaguer, Cerp, Avellanas, Palau, Tartafull, Sanahuja, Fons, Csta,!) jam antea in Castella observatum (Kunth)."

Spain

Eremopyrum dasyphyllum (Sohrenk.) P. Candargy, Tribu
Hordées, Mus. Hist. Nat. Paris 1897-98-99: 60.

Based on *Tritium dasyphyllum* Sohrenk.

Songaria, Asia

Eremopyrum distans (Koch) Nevski in Komarov, Fl. U.R.S.S.
2: 665, pl. 47 a fig. 6a-b. 1934; same Nevski, Act.
Univ. Asiae Med. VIII b Bot. 17: 52. 1934 [April 13]
[Nevski, Act. Inst. Bot. Acad. Sci. U.R.S.S. 1: 18.
1933. Name given in Russian text]

Based on *Agropyrum distans* Koch

Russia

Eremopyrum hirsutum (Bertol.) Nevski in Komarov, Fl.
U.R.S.S. 2: 663. 1934.
Same, Nevski, Act. Univ. Asiae Med. VIIIb. Bot. 17:
52. 1934. [April 13]

Based on *Hordeum hirsutum* Bertol.

Euphrates, Asia

Eremopyrum hirsutum (Bertol.) Nevski, in Drobov, Fl.
Usbec 1: 293. 1941. [in Russian translated by
Hale] See same 1934.

Cited in Ovos. & Sider. Fl. Tadzhikekou S.S.S.R.
1: 319. 1957.

Based on *Agropyron hirsutum* Hort. Berol. ex
Ledeb. Alt. 1: 114. 1829, as syn. of *Tritium*
cristatum Schreb.---this not cited by Nevski.

Eremopyrum kotschyannum (Boiss. & Hohen.) P. Candargy,
Tribu Hordees, Mus. Hist. Nat. Paris 1897-98-99: 59.

Based on *Agropyron kotschyannum* Boiss. & Hohen.

Eremopyrum olgae (Regel) P. Candargy, Tribu Hordees,
Mus. Hist. Nat. Paris 1897-98-99: 59.

Based on *Tritium olgae* Regel

Eremopyrum orientale Jaub. & Spach. Illustr. 4: 26, pl.
319. 1850-53.

Based on *Tritium orientale* ^{Marsch.-}Bieb. (*Secale orientale*
L.)
Grecian archipelago, Europe

Eremopyrum orientale ssp. *distans* (Koch) Maire, Bull.
Soc. Hist. Nat. Afr. Nord 31: 47. 1940.

Based on *Tritium distans* Walp.: based on *Agropyron*
distans Koch
Old World

Eremopyrum orientale subsp. *eu-orientale* Maire, Bull.
Soc. Hist. Nat. Afr. Nord 31: 48. 1940.

"*Secale orientale* L. sensu stricto--Beaucoup plus
répandu que le ssp. *distans*." cited, nothing more.

Eremopyrum orientale var. *lasianthum* (Boiss.) Maire,
Bull. Soc. Hist. Nat. Afr. Nord 20: 207. 1929.

Based on
Agropyron orientale var. *lasianthum* Boiss. 1884.;
this based on *Agropyron lasianthum* Boiss. 1854.

Eremopyrum puberulum (Boiss.) Grossh.; ex Prokudin,
Proc. Bot. Inst. Kharkov 3: 203. 1938, as syn. of
Agropyron puberulum (Boiss.) Prok.

Persia

Eremopyrum squarrosus Jaub. & Spach. Illustr. 4: 28,
pl. 320. 1850-53.

Based on "*Tritium squarrosus* Roth."

Egypt

Eremopyrum squarrosus var. *hirsutum* P. Candargy, Tribu
Hordées, Mus. Hist. Nat. Paris 1897-98-99: 59.
Nom. nud.

Eremopyrum triticeum (Gaertn.) Nevski in Komarov, Fl.
U.R.S.S. 2: 662, pl. 47a, fig. 7. 1934.

Based on *Agropyron triticeum* Gaertn.

Eriachne agrostidea F. Muell. Fragm. 7: 82. 1870.

"Ad portum Darwini; Schultz, 135 & 201."

Australia

Eriachne ampla Nees ex Steud. Nom. Bot. ed. 2. 1: 45.
1840, nom. nud. Nees Fl. Afr. Austr. 1: 277. 1841.

"In paludosis saxosis montium Paarlberg et Dutoits-
kloof inter frutices....etiam in saxosis montis
Simonsberg....(Drège)."

Basis of *Achneria ampla* (Nees) Dur. & Schinz.

= *Afrachneria ampla* (Nees) Adamson

So. Africa

Eriachne aristidea F. Muell. Fragm. 5: 205. 1866.

"Ad flumen Murchison's River. Oldfield."

Australia

Eriachne aristidea var. *elegans* Domin, Journ. Linn.
Soc. Bot. 41: 279. 1912.

"N. W. Australia: inter fl. Ashburton et Yule,
collegit Dr. E. Clement."

Eriachne aristidea F. Muell. var. *minor* Hartley, Linn.
Soc. London Journ. Bot. 52: 344. 1942.

"Western Australia. Munberry Station, Lyons River,
Gardner 3031 (type)." Kew Hb.

Eriachne armitii F. Muell. in Benth. Fl. Austral.
7: 627. 1878.

North Australia. Gilbert River, Armiti

Eriachne assimilis Steud. Syn. Fl. Glum. 1: 236. 1854.

"Afr. austr."

= *Achneria ecklonii* fide Stapf in Dyer, Fl. Cap. [not
in Adamson & Salter 1950]

= *Afrachneria ecklonii* (Nees) Adamson

So. Africa

Eriachne aurea (Steud.) Nees, Fl. Afr. Austr. 1: 276.
1841.

Based on "*Aira aurea* Steud."

[*Achneria aurea* Dur. & Schinz.]

= *Afrachneria aurea* (Steud.) Adamson

Cape Good Hope

Eriachne aurea var. *virens* Nees, Fl. Afr. Austr. 1: 276.
1841.

"---in montanis asperis Dutoitskloof ... (Drège)."

= *Achneria aurea* var. *virens* Stapf

= *Afrachneria*

Eriachne avenacea R. Br. Prodr. Fl. Nov. Holl. 184.
1810.

"Littora Novae Hollandiae intra tropicum."

Australia

Eriachne Basedowii Hartley, Linn. Soc. London Journ.
Bot. 52: 344. 1942.

Australia "Arnhem Land, Basedow 116(type)." Kew Hb.

Eriachne Bentharii Hartley, Linn. Soc. London Journ.
Bot. 52: 345. 1942.

"stat. nov. E. ovata Nees var. *pallida* Benth. Fl.
Austral. VII, p. 631. 1878)."

"Western Australia. Onslow, Ashburton River,
Gardner 3060-----
Central Australia.-----Charlotte Waters, Giles
(type)."

Eriachne bleeseri Pilger, Notizbl. Bot. Gart. Berlin
10: 113. 1927.

"Nord-Australien: Port Darwin (Dezember 1925 --P.A.K.
Bleeser n. 536)."

Eriachne brevifolia R. Br. Prodr. Fl. Nov. Holl. 184.
1810.

"Littora Novae Hollandiae intra tropicum."

Australia

- Eriachne Burkittii* Jansen, Med. Rijks Herb. Leiden 59: 1. 1930.
"Bridge Creek. Near Port Darwin (Australia) leg. Burkitt 1881."
- Eriachne Burkittii* var. *hirsutissima* Jansen, Med. Rijks Herb. Leiden 59: 1. 1930.
"Bridge Creek. Near Port Darwin (Australia) leg. Burkitt 1881."
- Eriachne capensis* Steud. Flora 12: 470. 1829.
"Nr. 949. In graminosis summitatis montis tabularis." [Cape of Good Hope]
Basis of *Achneria capensis*
= *Afrachneria capensis* (Steud.) Adamson
- Eriachne chinensis* Hance, Ann. Sci. Nat. IV. Bot. 15: 228. 1861.
"In summis cellibus ins. Hongkong naenon ad Whampoa. Legi Aug. - Oct. 1861."
China
- Eriachne ciliata* R. Br. Prodr. Fl. Nov. Holl. 184. 1810.
"Littora Novae Hollandiae intra tropicum."
Australia
- Eriachne Dominii* Hartley, Linn. Soc. London Journ. Bot. 52: 348. 1942.
"nom. nov. E. tuberculata Domin--1912, non Nees-1841!"
"N. W. Australia: inter fl. Ashburton et Yule. coll. Dr. E. Clement."
- Eriachne ecklonii* Nees, Fl. Afr. Austr. 1: 273. 1841.
"In Districtu Worcester ad oatarraotas prope Tulbagh. (Ecklon)....."
= *Achneria ecklonii* (Nees) Dur. & Schinz.
= *Afrachneria ecklonii*
South Africa
- Eriachne fastigiata* M. Lazarides, Journ. Roy. Soc. West. Australia 42: 33. pl. 1. f. 1. 1959 June.
Holotype--Near Clifton Creek, 2.5 miles N.W. of Glenroy Heatworks, M. Lazarides 5142. 22. IV. 1955. pl. 1. photo; f. 1., drawing of details.
Kimberley district of Western Australia.
"closest affinities are with *Eriachne filiformis* Hartley."
"annual or short-lived perennial."
- Eriachne festuacea* F. Muell. Fragm. 5: 205. 1866.
"Ad flumen Victoriae, ubi Manisuri granulari associata F. M."
Australia
- Eriachne filiformis* Hartley, Linn. Soc. London Journ. Bot. 52: 343. 1942.
Australia. "Northern Territory. Arnhem Land. Basedon 53, 81 (type)." Kew Hb.
- Eriachne flaccida* Hartley, Linn. Soc. London Journ. Bot. 52: 346. 1942.
"Western Australia,-----Pindinni, 79 miles ENE. of Menzies, Helms in 1899 (type)----
- Eriachne Gardneri* Hartley, Linn. Soc. London Journ. Bot. 52: 344. 1942.
"Western Australia. Ashburton River, Minderoo, --Gardner 3053 (type)" Kew Hb.
- Eriachne glabrata* (Maiden) Hartley, Linn. Soc. London Journ. Bot. 52: 347. 1942.
"stat. nov. E. obtusa R. Br. var. *glabrata* Maiden, Agric. Gaz. New S. Wales XIX. p. 836 (1908)."
Australia
- Eriachne glauca* R. Br. Prodr. Fl. Nov. Holl. 184. 1810.
"Littora Novae Hollandiae intra tropicum."
Australia
- Eriachne glauca* var. *barbinodis* Hartley, Linn. Soc. London Journ. Bot. 52: 343. 1942.
Australia. "Queensland. Swamps between Townsville and Rolleston, White 8913 (Herb. Brisb.)"
- Eriachne gracilescens* Domin, Bibl. Bot. 85: 354. 1915.
"Queensland: Castle Hill bei Townsville (Domin, II. 1910)."
Australia
- Eriachne gracilis* Brongn. in Duperrey, Bot. Voy. Coquille 2: 25. 1829.
"Trouvée a l'île Bourou, l'une des îles Moluques."
Moluccas, Malay Archipelago
- Eriachne Helmsii* Domin, Bibl. Bot. 85: 362. 1915, as syn. *E. mucronata* ssp. *scleranthoides* var. *Helmsii* Domin.
Australia
- Eriachne Helmsii* Domin ex Hartley, Linn. Soc. London Journ. Bot. 52: 346. 1942.
"stat. nov. E. *mucronata* R. Br. var. *villiculmis* Domin-----et var. *Helmsii* Domin-----" "Victoria Desert, near Ferdinand River, Helms in 1891 (type)."
Australia
- Eriachne hookeri* Munro, Journ. Linn. Soc. 6: 42. 1862, nom. nud.
"China, Osbeck. Munro in Hb. Hooker," from Assam and Tenasserim; mixed with "*Aira montana*" in Linnean Herb.--Munro.
- Eriachne humilis* Hartley, Linn. Soc. London Journ. Bot. 52: 343. 1942.
Australia. "Queensland. Thursday Island, --Bailey in 1897 (type in Herb. Brisb.)"
- Eriachne inermis* Pilger in Diels & E. Fritzel, Bot. Jahrb. Engler 35: 75. 1904.
"Hab. in regione tropica pr. Cossack in schistosia lutosia....(Diels) 2937)."
West Australia
- Eriachne insularis* Domin, Bibl. Bot. 85: 362. 1915.
"Sud-Queensland: Stradbroke Island (Domin, IV. 1910)?"
Australia
- Eriachne Isingiana* Black, Trans. & Proc. Roy. Soc. So. Australia 57: 148, pl. 9, fig. 6. 1933.
"Padirke, Sept., 1932. Part of the valuable collection made in the Far North by Mr. E. H. Ising...."
Aff. *E. pulchella*
Australia
- Eriachne Laidlawii* Jansen, Med. Rijks Herb. Leiden 59: 1. 1930.
"Bridge Creek. Near Port Darwin (Australia) leg. Burkitt 1881."
- Eriachne malouinensis* Steud. Syn. Fl. Glum. 1: 236. 1854.
"Urville legit in Ins. Malouinis."
Falkland Islands
- Eriachne meliacea* F. Muell. Fragm. 5: 205. 1866.
"Ad ripas fluvii Victoriae ejus ostium versus F. M." F. Muell.
Australia
- Eriachne meliacea* var. *fragrans* Bailey, Queensland Agric. Journ. 27: 69. pl. 19. 1911.
"Moa Island, E. W. Beck." Queensland.
Australia
- Eriachne microphylla* Nees, Fl. Afr. Austr. 1: 277. 1841.
"In monte Stormberg (Terra Caffrorum) ... (Drège)."
= *Achneria microphylla* (Nees) Dur. & Schinz.
= *Afrachneria*
So. Africa
- Eriachne montana* "Gaudich." [error] Steud. Nom. Bot. ed. 2. 1: 567. 1840, as syn. of *Panicum rubigerum*, name only.
- Eriachne mucronata* R. Br. Prodr. Fl. Nov. Holl. 184. 1810.
"Littora Novae Hollandiae intra tropicum."
Australia
- Eriachne mucronata* var. *desertorum* C. A. Gardn. Fl. West. Austral. 1, pt. 1: 51. 1952.
"Ereman Prov.: Between Laverton and the Warburton Range, E. de C. Clarke 104, near Laverton, in sandy gravelly soil, Gardner 2464 (type)."
West Australia
- Eriachne mucronata* ssp. *eu-mucronata* var. *bimucronata* Domin, Bibl. Bot. 85: 359. 1915.
"Nord-Queensland: Savannenwälder am Crooked Creek zwischen Chillagoe und Walsh River (Domin, II. 1910)?"
Australia
- Eriachne mucronata* ssp. *eu-mucronata* var. *glabrifolia* Domin, Bibl. Bot. 85: 359. 1915.
"Queensland: Savannenwälder bei Townsville (Domin, II. 1910); Sandhügel der Dividing Range bei Jericho (Domin, III. 1910)."
Australia
- Eriachne mucronata* ssp. *eu-mucronata* var. *villiculmis* Domin, Bibl. Bot. 85: 359. 1915.
"Queensland: sandige Savannenwälder bei Barcoaldine (Domin, III. 1910)."
Australia

Eriachne mucronata ssp. *soleranthoides* var. *Helmsii*
Domin, Bibl. Bot. 85: 361. 1915.

"South Australia: Victoria Desert (R. Helms 1881, Elder Exploring Expedition)."

Eriachne mucronata ssp. *soleranthoides* var. *soleranthoides* (Muell.) Domin, Bibl. Bot. 85: 359. fig. 80. 1915.

Based on "*E. soleranthoides* Muell."

Australia

Eriachne muelleri Domin, Repert. Sp. Nov. Fedde 10: 118. 1911.

"Queensland: Trinity Bay, coll. ? 1877 (Hb. F. Mueller)."

Australia

Eriachne nana Pilger in Diels & E. Fritzel, Bot. Jahrb. Engler 35: 75. 1904.

"Hab. in distr. Coolgardie pr. Bullabulling in silvis apertis lapidoso-lutosis... (Diels) 5949."

West Australia

Eriachne nervosa Ewart & Cookson ex Ewart & Davies, Fl. North. Terr. 44, pl. 3. 1917.

"10 miles West of Eva Downs, G. F. Hill (No. 523), 19/8/11."

[Australia]

Eriachne obtusa R. Br. Prod. Fl. Nov. Holl. 184. 1810.

"Littora Novae Hollandiae intra tropicum."

Australia

Eriachne obtusa var. *glabrata* Maiden, Agric. Gaz. N. S. Wales 19: 836. pl. 1. 1908.

"discovered by Mr. W. Forsyth near Rose Bay."

Australia

Eriachne obtusa var. *glauca* Domin, Bibl. Bot. 85: 362. 1915.

"West-Queensland: Hügel und Savannenwälder bei Cloncurry (Domin, II. 1910)."

Australia

Eriachne obtusa var. *major* Ewart & Davies, Fl. North. Terr. 44. 1917.

"Five-mile Bar, MacArthur River (No. 704), G. F. Hill, 30/12/11."

[Australia]

Eriachne ovata Nees in Hook. Lond. Journ. Bot. 2: 416. 1843.

"Ad flumen Cygnorum Mr. Toward."

Australia

Eriachne ovata var. *nana* Moore, Journ. Linn. Soc. 34: 229. 1899.

"Coolgardie, August...Gibraltar, September."

[Western Australia]

[= *E. nana* Pilg.]

Eriachne ovata var. *pallida* Benth. Fl. Austral. 7: 631. 1878.

"Central Australia"....

Eriachne ovata var. *pedicellata* Black, Flora South Australia 71. 1922; Trans. & Proc. Roy. Soc. So. Australia 46: 565. 1922.

Musgrave Ranges. [Australia] S. A. White

Eriachne ovata var. *villosa* Benth. Fl. Austral. 7: 631. 1878.

"W. Australia, Drummond, n. 168, 976; Champion Bay, Oldfield."

Eriachne pallescens R. Br. Prod. Fl. Nov. Holl. 184. 1810.

"Littora Novae Hollandiae intra tropicum."

Australia

Eriachne pallescens R. Br. var. *Muelleri* (Domin) Hartley, Linn. Soc. London Journ. Bot. 52: 345. 1942.

Based on "*E. Muelleri* Domin"

Australia

Eriachne pallida Nees, Fl. Afr. Austr. 1: 275. 1841.

"In alveo saxoso fluminis Zwartkopsrivier.... (Uitenhage), Eeklon."

[= *Achneria ampla* (Nees) Dur. & Sch. fide Stapf in This.-Dyer, Fl. Cap. 7: 460]

= *Afrachneria*

South Africa

Eriachne pallida F. Muell. ex Benth. Fl. Austral. 7: 631. 1878. Not Nees, 1841.

"N. Australia. Dampier's Archipelago, Waloot."

Eriachne pauciflora Fitzgerald, Journ. & Proc. Royal Soc. West. Australia 3: 115. 1918.

"Edkins Range (W. V. Fitzgerald)"

[Kimberleys, North-west Australia]

Eriachne preissiana Nees in Lehm. Fl. Preiss. 2: 102. 1846-47.

"In rupestribus ad latus meridionale montis Brown, York, Sept. 8. 1839. Herb. Preiss. No. 1838."

Australia

Eriachne pulchella Domin, Repert. Sp. Nov. Fedde 9: 552. 1911.

"West Australia: Mons Cupri, Whim Creek, Coll. W. A. Mitchell. N.-West-Australia: Between the Ashburton and De Gray rivers, leg. Dr. E. Clement."

Eriachne rara R. Br. Prod. Fl. Nov. Holl. 183. 1810.

"Littora Novae Hollandiae intra tropicum."

Australia

Eriachne rigida Phil.(Sert. Mend. Alt. 50. 1871.) Anal. Univ. Chile 36: 208. 1870. "Mendoza"

1 sp.: *E. rigida* Phil.

Mendoza, Chile

Eriachne schultzi F. Muell. Fragm. 8: 137. 1873.

"Ad portum Darwini; Scultz."

Australia

Eriachne soleranthoides F. Muell. Fragm. 8: 233. 1874.

"In monte Olga; E. Giles."

Australia

Eriachne soleranthoides var. *elongata* Benth. Fl. Austral. 7: 631. 1878.

"M. Donnell Ranges, Giles."

Australia

Eriachne setacea Benth. Fl. Austral. 7: 629. 1878.

[In Ind. Kew 1: 864. 1893, authority is "F. Muell. ex Benth Fl. Austral VII. 629."]

"N. Australia. North Coast of Arnhem Land, M. Kinlay."

Eriachne squarrosa R. Br. Prod. Fl. Nov. Holl. 183. 1810.

"Littora Novae Hollandiae intra tropicum."

"Collected on Cook's journey by Banks."

Australia

Eriachne steudelii (Nees) Nees, Fl. Afr. Austr. 278. 1841.

Based on *Airopsis steudelii* Nees, this based on "*Eriachne capensis* Steud."

Basis of *Afrachneria steudelii* (Nees) Fourc. 1941.

[Genus not published until 1950]

South Africa

Eriachne stipacea F. Muell. Fragm. 5: 206. 1866.

"Ad promontorium Cape York. E. Dasmel."

Australia

Eriachne stipacea F. Muell. var. *hirsuta* Hartley, Linn. Soc. London Journ. Bot. 52: 342. 1942.

"Northern Territory (Australia) near Darwin---Allen 141." Kew Hb.

Eriachne stipacea var. *schultzi* Benth. Fl. Austral. 7: 627. 1878.

Based on "*E. schultzi* F. Muell."

Australia

Eriachne stricta Steud. Syn. Fl. Glum. 1: 237. 1854.

"Hb. Urville Patria?"

Eriachne sulcata Hartley, Linn. Soc. London, Journ. Bot. 52: 342. 1942.

"Western Australia---9 miles from Goody Goody, Fitzgerald 315 (type)." Kew Hb.

Eriachne tenuiculmis Hartley, Linn. Soc. London Journ. Bot. 52: 346. 1942.

"nom. nov. *E. pallida* F. Muell. ex Benth. Fl. Austral VII, p. 631 (1878) non Nees---1841."

Eriachne triodioides Domin, Bibl. Bot. 85: 356. fig. 79. 1915.

"Nordost-Queensland: Gebirgsche in der Nähe der Mündung des Russell River, auf Sand (Domin, II. 1910)"

Australia

Eriachne triodioides var. *Dietrichiae* Domin, Bibl. Bot. 85: 356. 1915.

"Queensland: Am. Dietrich nr. 2605."
Australia

Eriachne trisetia Nees ex Steud. Syn. Fl. Glum. 1: 237. 1854.

"Ceylon."

Basis of *Massia trisetia* (Nees) Bal.

Eriachne tuberculata Nees, Fl. Afr. Austr. 1: 274. 1841.

"In praeruptis saxosis montium Witbergen ... (Drège)."

[Referred to *Achneria setifolia* (Thunb.) Stapf in This.-Dyer, Fl. Cap. 7: 462. 1899]

[cf. *Afrachneria*]

So. Africa

Eriachne tuberculata Domin, Journ. Linn. Soc. Bot.

41: 280, pl. 11, fig. 14-17. 1912. Not Nees 1841.

[basis of *E. Domini* Hartley]

"N. W. Australia: inter fl. Ashburton et Yule, col-
legit Dr. E. Clement."

Eriachne yarrabensis Domin, Bibl. Bot. 85: 356. 1915.

"Nordost-Queensland: grasige Stellen eines felsigen,
circa 550 M. hohen Gipfels bei Yarraba.... (Domin,
I. 1910)."
Australia

Eriantheodium bulbosum Parodi, Not. Mus. La Plata (Bot.) 8: 77. f. 1. 1943.

"Uruguay: Minas, cerro Arequita, leg. B. Rosengurt
no. 83154, 15 octubre de 1939."

Erianthus adpressus (Kit.) Jav. Magyar Fl. 1: 62. 1924,
descrip. in Hungarian.

[Hungary]

Erianthus alopecuroides (L.) Ell. Bot. S. C. & Ga. 1: 38. 1816.

Based on *Andropogon alopecuroides* L.
Man. U. S.

Erianthus alopecuroides var. *brevibarbis* (Michx.) Chapm.
Fl. South. U. S. 583. 1860.

Based on *E. brevibarbis* Michx.

Tenn. & Carolina

= *E. brevibarbis* Michx. Man. U. S.

Erianthus alopecuroides var. *contortus* (Baldw.) Chapm.
Fl. South U. S. 582. 1860.

Based on *E. contortus* Baldw. in Ell.

[The descrip. in Ell. is signed by Baldwin; so it is
Baldwin in Ell.]

= *E. contortus* Baldw. in Ell. Man. U. S.

Savanna, Ga. (Baldwin)

Erianthus alopecuroides var. *hirsutus* Nash in Small,
Fl. Southeast U. S. 55. 1903.

"Florida" [Chapman]

Man. U. S.

Erianthus angustifolius Nees, Agrost. Bras. 316. 1829.

"Habitat in Monte Video, ad flumen Rio Grande do Sul
dictum prope fines regni Paraguayan. (Sellow.)...
(Vidi in Herb. Reg. Berol.)"

Uruguay

Erianthus angustifolius var. *colorata* Anderss. Afr.
Svensk. Vet. Akad. Förh. 12: 163. 1855.

"Hab. in Brasilia meridionali et ad Montevideo
(Sellow.)"

Signature date is Mar. 14, 1855 for pp. 101-168.

Erianthus articulatus (Trin.) F. Muell. Fragm. Phyt.
Austr. 8: 118. 1873.

Based on "*Pollinia articulata* Trin."

Ins. Molucca, Malay Archipelago

Erianthus arundinaceus (Retz.) Jesw. Arch. Suikerind.
Nederl. Indië 33: (Meded.) 399. 1925.

Based on *Saccharum [arundinaceum]* Retz.

Tranquebar - India (König)

Erianthus asper Nees, Agrost. Bras. 315. 1829.

"Habitat in ripa fluminis S. Franciscoe pone Salgado,
et alibi in prov. Minarum."

Brazil

Erianthus asper var. *brasilianus* (Trin.) Hack. in Mart.
Fl. Bras. 2^o: 259, pl. 61. 1883.

Based on "*Saccharum brasilianum* Trin."

Brazil

Erianthus asper var. *typicus* Hack. in Mart. Fl. Bras.
2(3): 260. 1883.

Brazil

Erianthus aureus (Bory) Beauv. Ess. Agrost. 14, 150, 162.
1812.

Based on *Andropogon aureus* Bory de St. Vincent

[Basis of *Eulalia aurea* (Bory) Kunth

Brûlé Saint-Denis Bourbon [Reunion Isl.]

Erianthus aureus Nees ex Steud. Syn. Fl. Glum. 1: 412.
1855, as syn. of *Eulalia nepalensis* Trin.

Nepal

Erianthus balansae Hack. in DC. Monogr. Phan. 6: 133.
1889.

"Paraguay: in uliginosis pr. Caaguaza, Balansa 301."

Erianthus beccarii (Stapf) P. Jansen, Reinwardtia
2: 275. 1953.

Based on
Sporiopogon beccarii Stapf in Kew Bull. 1898: 228.-
Sumatra, Padang Highlands, Beccari 398.

Endemic in Sumatra, Beccari 398.

Erianthus bengalense (Retz.) Hubbard & Vaughan, Grasses
of Mauritius 97. 1940. Error for *Saccharum*
bengalense Retz. in R. R. Stewart, Brittonia 5: 458,
1945.

See *Erianthus bengalense* (Retz.) Stewart, Brittonia
5: 458. 1945, based on *Saccharum bengalense* Retz.

India

"*Erianthus bengalense* (Retz.) Hubbard & Vaughan," in
Stewart, Brittonia 5: 458. 1945, error, the name
in Hubbard & Vaughan, Grasses of Mauritius 97
1940, is "*Saccharum bengalense* Retz. Obs. Bot.
5, 16. (1789)."
[see next card]

Erianthus bengalensis (Retz.) Stewart, Brittonia
5: 458. 1945.

Based on *Saccharum bengalense* Retz.

[no mention of named lemma]

"Habitat Bengalica---communicavit Cel. König."

India

Erianthus brasilianus (Trin.) Anderss. Öfr. Svensk. Vet.
Akad. Förh. 12: 162. 1855.

Based on *Saccharum brasilianum* Trin.

[Sign. date is Mar. 14, 1855 for pp. 101-168.]

Brazil

Erianthus brevibarbis Michx. Fl. Bor. Amer. 1: 55. 1803.

"Hab. in collibus Tennessee et Carolinae."

Man. U. S.

Erianthus capensis Nees, Fl. Afr. Austr. 93. 1841.

"----in ripa fluminis Zwartkopsrivier juxta praedium
Pauli Maré alt. I.- III (Uitenhage), Eeklon; in
ripa Key fluvii alt. 500' (Drège)."

Basis of *Miscanthidium capensis* Stapf

So. Africa

Erianthus capensis var. *angustifolius* Nees, Fl. Afr.
Austr. 1: 94. 1841.

"....in praeruptis sylvaticis ad fontes Katrivier
fluminis alt. IV. haud procul a fontibus fluminis
Mahurianrivier (Terra Caffrorum)...."

So Africa

Erianthus capensis var. *ecklonii* Hack. in DC. Monogr.
Phan. 6: 150. 1889.

"In terra Caffrorum)Eekl. et Zeyh. 40,")

Africa

Erianthus capensis var. *villosa* Stapf in Thiselt.-Dyer,
Fl. Cap. 7: 323. 1898.

"----Natal; Durban Flat, Buchanan 45! Umpumulo,
common near water,... Buchanan 270! Riet Vlei....
Buchanan 272! Umsinga and base of Biggars Berg,
Buchanan, 103! Ladysmith, Gerrard! and without pre-
cise locality, Gerrard, 689!"

Africa

Erianthus chrysotrichus Hack. Oesterr. Bot. Zeitschr.
41: 6. 1891.

"India or: Naga Hills ad Piffima., Khasia Mts. ad
Nungklas,... Shillong ad 4000' leg. C. B. Clarke
(40913, 40209, 44484 et 44536." [forma submutica]).

India

Erianthus ciliaris (Anderss.) Jesw. Arch. Suikerind.
Nederl. Indië 33: (Meded.) 399. 1925.

Based on *Saccharum [ciliare]* Anderss.

Asia: Balasapur (Hugel n. 877) Hb. vindobon.
[Vienna]

Erianthus ciliaris var. *elegans* Jesw. ex Back, Handb.
Fl. Java 2: 42. 1928.

No type cited.

Java?

Erianthus coarctatus Fernald, Rhodora 45: 246. pl. 7584
1943.

"Virginia: Peaty swale (cut-over cypress swamp),
about 4 miles northwest of Homeville, Sussex County,
September 20, 1937, Fernald & Long, no. 7301, as *E.*
brevibarbis Michx. (type in Herb. Gray)."

Erianthus coarctatus var. *Elliottianus* Fernald, Rhodora
45: 246. 1943.

"Type: thicket bordering pond near Live Oak, Florida,
October 10, 1901, A. H. Curtiss, no. 6940, as *E.*
alopecuroides, var. *brevibarbis*."

Erianthus compactus Nash, Bull. Torrey Club 22: 419.
1895.

"New Jersey to North Carolina and Tennessee."

[type, Washington, D.D. Nash in 1895]

= *E. giganteus* (Walt.) Muhl. Man. U. S.

Erianthus comortus Baldw. ex Ell. Bot. S.C. & Ga.
1: 40. 1816.

Savannah, Ga. Baldwin Man. U. S.

Erianthus cumingii (Nees) P. Muell. Fragm. Phyt. Austr.
8: 118. 1873.

Based on "*Pollinia cumingii* Nees"

"Ins. Philippines (Cuming n. 1538)"

Erianthus cuspidatus Anderss., Ofv. Svensk. Vet. Akad.
Förh. 12: 162. 1855, as syn. of *Erianthus brasili-*
nus (Trin.) Anders.

[Date is March 14, 1855 for pp. 101-168]

Erianthus decus-sylvae Ridley, Journ. Malayan Branch
Roy. Asiat. Soc. 1: 110. 1923.

"In dense thickets, forests of West Hill, Berastagi."
[Sumatra]

Erianthus divaricatus (L.) Hitchc. Contr. U. S. Nat.
Herb. 12: 125. 1908.

Based on *Andropogon divaricatus* L.

= *Erianthus alopecuroides* Man. U. S.

Virginia, [Clayton 70]

Erianthus ecklonii Nees, Fl. Afr. Austr. 93. 1841.

"In sylvis alt. III. montis Chami (Terra Caffrorum)
legit Ecklon."

[So. Africa]

Erianthus elegans (Jesw.) Rumke, Arch. Suikerind. Nederl.
Indie (Meded.) 2: 229. 1934.

Based on *E. ciliaris* var. *elegans* Jesw.

[Java]

Erianthus elephantinus Hook.f. Fl. Brit. Ind. 7: 122.
1896.

"Assam, Griffith, Simonds."

Brit. India

Erianthus fallax (Balansa) Ohwi, Bull. Tokyo Sci. Mus.
no. 18: 2. 1947.

Same comb. P. Jansen, Reinwardtia 2: 276. 1953.
same bases

Based on *Saccharum fallax* Balansa

"à Tu-Phap. 1'Indo-Chine française"

French Indo-China Asia

Erianthus fallax (Balansa) P. Jansen, Reinwardtia 2: 275.
1953.

(*Saccharum fallax* Balansa in J. de Bot. [ed. Morot.]
4: 80.1890)

See same, Ohwi 1947.

India, Indo-China, Malaysia (Sumatra and Borneo).

See *Narenga fallax* (Balansa) Bor, Kew Bull. 2: 162.
1948.

Based on *Saccharum fallax* Bal.

Erianthus fastigiatus (Steud.) Hack. in DC. Monogr.
Phan. 6: 150. 1889.

Based on *Saccharum fastigiatum* Steud. (Wall. 8847)

[Wall. Cat. 8847]

List

East India

Erianthus fastigiatus var. *tonkinensis* A. Camus, Bull.
Mus. Hist. Nat. 25: 497. 1919.

"Tonkin: pr. Bao giang, Pho vi (A. Chevalier, no.
29644)."

Indo-China

Erianthus filifolius Nees ex Steud. Syn. Fl. Olum.

1: 409. 1855, (species not cited only "mpt. sub:
Erianthus"); Nees ex Jacks. Ind. Kew 864. 1893.

Erianthus filifolius W. Wats., Atkins. Gaz. N. W.
Prov. India 10: 392. 1882, nom. nud.

Nepal, India

Erianthus fischerianus Rupr. ex Doell in Mart. Fl.
Bras. 2³: 258. 1883, as syn. of *Erianthus saccha-*
roides asp. *angustifolius* var. *biaristatus* Doell.

"*Erianthus fischerianus* Rupr. in Herb. Hort.
Petropol." *cit.*

Brazil

Erianthus flavescens K. Schum. in Engler, Pflanzenw.
Ost.-Afr. 5(C): 96. 1895.

"Seengebiet. Bukoba. Stuhlmann. n. 3694)."

Tanganyika

Erianthus floridulus (Labill.) Schult. Mant.
3 (Add. 1): 563. [1827]

Based on *Saccharum floridulum* Labill.

New Caledonia

"*Erianthus floridulus* Anderss. in Ofvers. Vet. Akad.
Stockh. (1855) 162 = *maximus*." Ind. Kew 1: 864.
1893.

Error. Anderss (place cited) lists "H. E. flori-
dulus Schult. Mant 3: 563;" desor. --- *Saccharum flori-*
dulum Labill. --- (Nonne etiam *Erianthus maximus* Brog-
n. 97 et *Sacch.* max. Trin. l.c. 1838. 93. Steudel.
n. 507) Hab. in insula Tahiti (Lesson).

Saccharum floridulum Labill., *Erianthus floridulus*
Schult. is *Misaoanthus floridulus* (Labill.) Warb.

Erianthus formosanus Stapf, Kew Bull. Misc. Inf. 228.
1898.

"Formosa. Taiwan, Ape's Hill, Playfair 314."

Erianthus fulvus (R. Br.) Kunth, Rev. Gram. 1: 160.
1829.

Based on "*Saccharum fulvum* Brown" [R. Br.]

Australia

= *Eulalia fulva* (R. Br.) Kuntze

Erianthus fulvus Nees ex Steud. Syn. Fl. Olum.
1: 409. 1854, as syn. of *Saccharum rufipilum* Steud.
published as species Hack. in DC. Monogr. Phan. 6:
147. 1889 as "(Nees! ap. Steud. Synop. 1, p. 409)"
with description. Not Kunth, 1829.

= *E. rufipilus* (Steud.) Griseb. 1868.

Nepal.

Erianthus fulvus Nees ex Steud. in Hack. in DC. Monogr.
Phan. 6: 147. 1889. Not (R. Br.) Kunth 1829.

[*E. fulvus* Nees ex Steud. Syn. Fl. Olum 1: 409, 1855.
is synonym only of *Saccharum rufipilum* Steud.]

Erianthus giganteus (Walt.) Muhl. Cat. Fl. 4. 1813.

Based on *Anthoxanthum giganteum* Walt., as new Hubb.
Rhodora 14: 166. 1912, same basis.

See Manual II: 871 for discussion.

Based on *Anthoxanthum giganteum* Walter.

Man. U. S.

Carolina

Erianthus giganteus var. *compactus* (Nash) Fernald, Rho-
dora 52: 71. 1950.

Based on *E. compactus* Nash

Type Washington, D. C.

Man. U. S. added.

= *E. giganteus*

Erianthus glaucus Hassk. Flora 25²: Beibl. 3. 1842.

sp. dubia in Hack., seems to be *Pollinia* sp. aff.
Cumingi Nees.

[Java]

Saccharum glaucum Steud. Syn. Fl. Olum. 1: 408. 1855.

Erianthus griffithii (Hack.) Hook.f. Fl. Brit. Ind.
7: 122. 1896.

Based on "*S. ciliare* var. *griffithii* Hack."

"*Aitchis.* 467, 546" "*S. Griffithii* Munro ap. Aitchis.
in Journ. Linn. Soc. 19, p. 191 et S. Sara Aitchis.
l.c." cited by Hack.

Afghanistan, Kuram Dist.

Erianthus Griffithii (Munro) Pilger in Engler & Prantl,
Pflanzenfam. ed. 2. 140: 118. 1940.

[Munro error for Hack.] = Hook.f. 1896.

[*Saccharum Griffithii* Munro, Mss] "*in Afghanistan,*
Sindh" [Aitchison 476546]
basis of *S. ciliare* var. *griffithii*
Hack.

Erianthus griffithii var. *trichophyllus* Hand.-Mazz.

Anzeig. Akad. Wiss. Math. Naturw. (Wien) 58: 154.

1921.

"Prov. Yunnan: ...fluvii Djinshadjiang (Yangtze)
inter Yunnanfu et Huili regione subtropica prope
deversorium Lagatschang, ... (Nr. 745). Ad fines prov.
Hunan et Kweichow: Ad rivorum margines inter
oppida Daingdschou et Liping... (Nr. 11.016)."

China

Erianthus hexastachyus Hochst. in Miquel, Verh. Nederl.
Inst. III. 4: 35. 1851; (Anal. Bot. Ind. 2: 23.
1851.) "Hochstett Mss."

"Prope Castellum Mulki in terra Canara detexit Metz
(Herb. n. 279)."

India

Erianthus hookeri Hack. in DC. Monogr. Phan. 6: 143.
1889.

"India orient. Sikkim in regione tropica. (J. D.
Hooker, *Erianthus* nr. 15.)"

India

Erianthus hostii Griseb. Spicel. Fl. Rumel 2: 548. 1844.

"*Io. Host, gr. 2. t. 2. (Andropogon strictus) In agro Byzantino M. Jul. (Noë)*"

[valid in Hook.]

Turkey, Asia

Erianthus irritans (R. Br.) Kunth, Rev. Gram. 1: 160. 1829.

Based on "*Saccharum irritans* Brown" [R. Br.]

= *Eulalia irritans* (R. Br.) Kuntze

Australia

Erianthus jacquemontii Munro ex Duthie [in Atkins, Gaz. N. W. Ind.] 636.

Erianthus jamaicensis (Trin.) Anderss. Öfr. Svensk. Vet. Akad. Förh. 12: 163. 1855.

Based on *Saccharum jamaicense* Trin.

Jamaica

Signature date is March 14, 1855 for pp. 101-168.

= *Erianthus ravennae* Man. W. I.

Erianthus ? japonicus (Thunb.) Beauv. Ess. Agrost. 14, 162, 177. 1812.

Based on *Saccharum japonicum* Thunb.

= *Miscanthus japonicus* (Thunb.) Anderss.

Japan

Erianthus junceus Stapf in Thiseit.-Dyer, Fl. Cap. 7: 324. 1898.

Kalahari Region: Basutoland; Leribe, Buchanan 228; Transvaal; Olifants River, Nelson 73; Jungle streamlet, Nelson 77.

So. Africa

Erianthus Kanashiroi Ohwi, Acta Phytotax. & Geobot. 7: 37. 1938.

Cites: "*Saccharum Kanashiroi* Ohwi Sched." pub. as synonym.

"Hab. Riukiu: Udo, Ogimi, ins. Okinawa (T. Kanashiro no. 146--Typus! in Herb. Imp. Univ. Kyoto.)."

Erianthus laxus Nash, Bull. Torrey Club 24: 344. 1897.

W. T. Swingle no. 1732a Aug. 22, 1894.

"between Paola and the Wekiva River," Fla.

= *E. giganteus* (Walt.) Muhl. Man. U. S.

Erianthus longisetosus Anderss. Öfr. Svensk. Vet. Akad. Förh. 12: 163. 1855.

"Hab. in India orientali (Sillet: F. de Silva. Wallich. n. 8846.)"

India

Signature date is March 14, 1855 for pp. 101-168.

Erianthus longifolius (Munro) A. Camus in E. G. & A. Camus in Lecomte, Fl. Gén. Indo-Chine 7: 246. 1922.

Based on *Saccharum longifolium* Munro

East Indies

Erianthus longisetosus Anderss. in Clarke, Journ. Linn. Soc. Bot. 25: 82, 85. pl. 34. 1889.

See *longisetosus* Anderss. 1855.

"West Munnepore....[n. 42160]."

C. B. Clarke, Coll.

India

"*Erianthus longisetosus* Anderss. ex Benth. in Journ. Linn. Soc. XIX (1881) 67" Hook.f. Fl. Brit. Ind.

7: 124. 1896 and Bor, Fl. Assam 5: 324. 1940.

Error for *Erianthus longisetosus* Anderss. ex Benth. Journ. Linn. Soc. Bot. 19: 67. 1881, as syn. of *Pollinia longisetus* Benth.

Both nom. nud.

Erianthus longisetosus var. *hookeri* (Hook.) Bor, Grasses of Burma, Ceylon, India and Pakistan 151. 1960.

Based on *Erianthus hookeri* Hook.

Sikkim, Bhutan, Uttar Pradesh.

Excise.--Hook.f. s.n., Sikkim.

Erianthus longisetus Anderss. ex Benth. Journ. Linn. Soc. Bot. 19: 67 1881, as syn. of *Pollinia longisetus* Benth.

This is an error in spelling for *E. longisetosus* Anderss. [cannot be taken as valid transfer because names *longisetus* and *longisetosus* are so different]. [Dactyloctenium aegyptium a similar case]

E. longisetus Anderss. in Benth. Journ. Linn. Soc. Bot. 19: 67. 1881. Benth. gave "*Erianthus longisetus* Anderss." as synonym of *Pollinia longisetus* Benth., without description. Anderson did not publish *E. longisetus* but *longisetosus*; *longisetus* is name only under both *Erianthus* and *Pollinia*.

Erianthus mackinlayi (F. Muell.) F. Muell. Syst. Census Austral. Fl. 131. 1882.

Based on "*Pollinia mackinlayi* F. v. M."

Australia. Arnhem's Land (M'Kinlay)

Erianthus macraterus Pilger, Notizbl. Bot. Gart. Berlin 14: 347. 1939.

"Nanga-Parbat-Gebiet, Indus-Tal; Drang-- Jalipur--- (22. Mai 1937--C. Troll n. 7170)."

[Himalaya Exped. 1937.]

Erianthus maximus Brongn. in Duperrey, Bot. Voy. Coquille 2^o: 97. 1831.

"Loc.: Ile de Taïti."

Tahiti, Pacific

Erianthus maximus var. *seemanni* Hook. in DC. Monogr. Phan. 6: 139. 1889.

"insulae Fidji, Seemann 691 (*Sacch. floridum*)" Pacific Isls.

Erianthus mishmeensis Munro ex Hook.f. Fl. Brit. Ind. 7: 124. 1896, as syn. of *E. longisetosus* Anderss. India

Erianthus mollis Griseb. Nachr. Ges. Wiss. Göttingen 1868: 92. 1868.

"H. oco. 5-6000' (Thomson: Er. nr. 3.), Kumaon pr. Almora (Strachey)."

Himalayas, India

Erianthus moustierii Carr. Rev. Hort. 35. 1872.

"Elle est originaire du mont Olympe, non loin de la ville de Brousse, où M. de Moustier, lors de son voyage dans l'Asie-Mineure, vers 1861, la rencontra."

Balkan Peninsula

Erianthus munja (Roxb.) Jesw. Arch. Suikerind. Nederl. Indië 33(Medec.) 399. 1925.

Based on *Saccharum [munja]* Roxb.

= *Saccharum bengalense* Retz. fide Hubbard.

Benares India

Erianthus nepalensis Steud. Nom. Bot. ed. 2. 1: 567. 1840, nom. nud.

"*Eulalia nepalensis* Trin. ms." cited.

Himalayas

Erianthus nudipes Griseb. Nachr. Ges. Wiss. Göttingen 1868: 92. 1868,

"H. or. Sikkim 9--13000' (Hooker: Er. nr. 10.)" India

Erianthus olivaceus Edw. ex W. Wats., Atkins. Gaz. N. W. Prov. India 10: 392. 1882, nom. nud.

Vernacular name = Kans. Said to be common in Kumaon --No other information--India

Erianthus orientalis K. Koch, Linnaea 19: 5. 1847.

"*Andropogon strictus* Host" cited

Austria

Erianthus pallens Hook. in DC. Monogr. Phan. 6: 145. 1889.

"In Himalayas boreali-occidentalis regione tropica (J. Hooker et Thomson h. Ind.; vidi in h. berol.)"

India

Erianthus parviflorus Pilger in Diels, Bot. Jahrb. Engler 54(Beibl. 120): 63. 1917.

"Angid (n. 45)." [Zentral Sahara, Hans Geyr vom Schweppenburg] 1945

Africa

Erianthus pedicellaris (Trin.) Hook. in DC. Monogr. Phan. 6: 137. 1889.

Based on "*Saccharum pedicellare* Trin."

Nukihiva, Marquesas Isl. Pacific

Erianthus pedicellaris var. *rapensis* F. Brown, Bishop Mus. Bull. 84: 57, pl. 1, E. 1931.

"Rapa, Hiri, Sept. 23, 1921, Stokes no. 212, type." [Isl. Pacific Ocean]

Erianthus perrieri A. Camus, Bull. Soc. Bot. France 71: 1182. 1924.

"Madagascar centr.: Bétafo, rocaillies basaltiques, rare (Ferrier de la Bathie, no. 10723)."

Erianthus pollinioides Rendle, Journ. Linn. Soc. Bot. 36: 350. 1904.

"Formosa: Takow (A. Henry, 1143!) Mus. Brit.; Herb. Kew."

Erianthus procerus (Roxb.) Baiz. Indian Forester 80: 41. 1954.

Based on *Saccharum procerum* Roxb.

Bengal

= *Saccharum arundinaceum* Retz. fide Hook.

Erianthus procerus var. *elegans* (Jesw.) Mukherjee, Lloydia 21: 178. 1958.

Based on *E. ciliaris* var. *elegans* Jesw. ex Backer, Handb. Flora Java 2: 42. 1928.

E. elegans (Jesw.) Burck. Arch. Suikerind. Nederl. Indië. Medec. 2: 229. 1934.

Erianthus pungens Hochst. ex Krauss, Flora 29: 117.
1846, as syn. of *E. ecklonii* Nees.

So. Africa

Erianthus purpurascens Anderss. Öfv. Svensk. Vet. Akad.
Förh. 12: 161. 1855.

"Hab. in Asia superiori: Belaspur, Hugel n. 876).
Hb. vindob."

Signature date is March 14, 1855 for pp. 101-168.

Erianthus ravennae (L.) Beauv. Ess. Agrost. 14, 162,
177. 1812.

(Also Roem. & Schult. Syst. Veg. 2: 323. 1817)

Based on "*Saccharum ravennae* Murr. this based on
Androp. ravennae L.

Valid. Man. U. S.

Italy

Erianthus ravennae var. *binervis* Chiov. Fl. Somalia
327. 1929.

"Somalia Sett.: Regione Carin, Oasi di Unoud 6. VII.
(n. 1026). [Fuccioni & Stefanini Coll.]

Africa

Erianthus ravennae var. *jamaicensis* (Trin.) Hack. in
DC. Monogr. Phan. 6: 141. 1889.

Based on "*Sacch. jamaicense* Trin."

Jamaica, W. I.

= *E. ravennae* (L.) Beauv. Man. W. I.

Erianthus ravennae var. *purpurascens* (Anderss.) Hack.
in DC. Monogr. Phan. 6: 140. 1889.

Based on "*Er. purpurascens* Anderss.!"

Asia

Erianthus Ravennae var. *submuticus* Hack. ex Roshev. Acta
Hort. Petrop. 28(3): 413. 1909.

"Hack. in herb. Roshev."

Turkestan, Asia

Erianthus repens (Willd.) Beauv. Ess. Agrost. 14, 162,
177. 1812.

Based on "*Saccharum repens*? Willd."

= *Rhynohelytrum repens* (Willd.) C. E. Hubb.

Guinea, Africa

Erianthus Rookii Keng, Sinensia 10: 291. 1939.

"Type in the U. S. National Herbarium, No. 1214435
[err. 1211435] collected on dry ridges, between Keng
Hung and Muang Hing, Southern Yunnan, China, Feb.
25-March 1, 1922 by J. F. Rock (No. 2678)."

aff. *E. Hookeri* Hack.

Erianthus roxburghii F. Muell. Fragm. Phyt. Austr.
8: 117. 1873.

Based on "*Andropogon tristachyus* Roxb."

= *Eulalia tristachya* (Roxb.) Kuntze

Calcutta India

Erianthus rufipilus (Steud.) Griseb. Nachr. Ges. Wiss.
Göttingen 1868: 92. 1868.

Based on *Saccharum rufipilum* Steud.

Nepal. India Asia

Erianthus rufus Nees ex Steud. Syn. Fl. Glum 1: 409.

1854, ("mpt. sub: *Erianthus*", species not mentioned);
Jacks. Ind. Kew 865. 1893.

(W. Wats., Atkins. Gaz. N. W. Prov. India 10: 392.

1882, nom. nud.)

Erianthus saccharoides Michx. Fl. Bor. Amer. 1: 55.
1803.

Carolina to Florida, Michx.

= *E. giganteus* (Walt.) Muhl. Man. U. S.

Erianthus saccharoides Willd. Enum. Fl. 46. 1809.
Not Michx. 1803.

Based on *Saccharum argenteum* Brouss.

Cult. France Hort. Montpellier

Erianthus saccharoides ssp. *angustifolius* Hack. in
Mart. Fl. Bras. 23: 258. 1883.

Based on "*Erianthus angustifolius* Nees."

Monte Video. Rio Grande do Sul (Sellow)-Uruguay

Erianthus saccharoides ssp. *angustifolius* var.
biaristatus Hack. in Mart. Fl. Bras. 23: 258. 1883.

"prope Mugy [S. Paulo] (Riedel, Lund) in prov. Mina-
rum prope Caldas utraque var. (Regnel), Mosén."

Brazil

Erianthus saccharoides ssp. *angustifolius* var. *Neesii*
Hack. in Mart. Fl. Bras. 23: 258. 1883.

Based on "*Erianthus angustifolius* Nees."

"in Brasilia australi (Sello) et Paraguay (Balansa
n. 302a)."

Uruguay.....Sellow

Erianthus saccharoides ssp. *brevibarbis* (Michx.) Hack.
in DC. Monogr. Phan. 6: 131. 1889.

Based on *Erianthus brevibarbis* Michx.

Tennessee & Carolina

= *E. brevibarbis* Michx. Man. U. S.

Erianthus saccharoides var. *compactus* (Nash) Pernald,
Rhodora 45: 252. 1943.

Based on *E. compactus* Nash

= *E. giganteus* (Walt.) Muhl. Man. U. S.

Erianthus saccharoides ssp. *contortus* (Baldw.) Hack. in
DC. Monogr. Phan. 6: 131. 1889.

Based on *Er. contortus* Baldw. in Elliott

Georgia

Man. U.S.

Erianthus saccharoides ssp. *genuinus* Hack. in Mart. Fl.
Bras. 2(3): 257. 1883.

name = *E. giganteus* (Walt.) Muhl.

See Man. U.S.

Erianthus saccharoides ssp. *genuinus* var. *Michauxii*
Hack. in Mart. Fl. Bras. 2(3): 257. 1883.

Based on *E. saccharoides* Michx.

= *E. giganteus* Man. U. S.

Carolina; Florida

Erianthus saccharoides ssp. *genuinus* var. *trinii* Hack.
in Mart. Fl. Bras. 23: 258. 1883.

Based on *Saccharum giganteum* [Pers. misapplied by]
Trin.

Brazil

Erianthus saccharoides ssp. *genuinus* var. *Trinii* subv.
glabrinodis Hack. in Mart. Fl. Bras. 2(3): 258. 1883.

Brazil

Erianthus saccharoides ssp. *genuinus* var. *Trinii* subv.
villosus (Steud.) Hack. in Mart. Fl. Bras. 2(3): 258.
1883.

Based on *Saccharum villosum* Steud.

"Urville legit in Ins. St. Catharinae, Brasil."

Erianthus saccharoides infuscatu Anderss. Öfv. Svensk.
Vet. Akad. Förh. 12: 161. 1855 [March] [trinomial]

"Hab.: Brasilia (Sellow, Humboldt, Pohl, Scott,
Schuck, Ipse)." [Andersson]

Erianthus Sara (Roxb.) Rümke, Arch. Suikerind. Nederl.
Indië Meded. 2: 223. pl. 2. 1934.

Based on *Saccharum Sara* Roxb.

Calcutta. India

Erianthus scriptorius Bubani, Fl. Pyr. 4: 252. 1901.

"*Erianthus scriptorius* (Bibl. Sacr., Theophrasti ?
Martialis, Plinii)"

[Pyrenees?]

Erianthus sesquimetalis Ohwi, Bot. Mag. Tokyo 56: 9.
1942.

"*Saccharum sesquimetroale* Ohwi in sched." cited.

"No. 13291 Kanehira-Hatusima, Momi, in waste planta-
tion, alt. 3 m., March 30, 1940."

New Guinea

"aff. *E. longifolius*"

Erianthus sikkimensis Hook.f. Fl. Brit. Ind. 7: 123.
1896.

"Sikkim Himalaya; Lachen Valley...J. D. H[ooker]"

India

Erianthus smallii Nash, Bull. N. Y. Bot. Gard.
1: 429. 1900.

"J. K. Small, Sept. 6-12, 1894.

"Stone Mt., De Kalb Co., Ga."

= *E. contortus* Man. U. S.

Erianthus sorghum Nees, Fl. Afr. Austr. 92. 1841.

"In arenosis ad flumen Klein Bergrivier alt. 500'
districtus Capensis, in Wupperthal alt. 1500', in
valle montis Candeboosberg alt. 4000'...."

= *Miscanthidium sorghum* (Nees) Stapf

South Africa

Erianthus sorghum var. *brevipes* Hack. in DC. Monogr.
Phan. 6: 149. 1889.

"(*E. Sorghum angustifolius* Nees." [error for *E. ca-
pensis* / *angustifolius*, in Nees p. 94.]

So. Africa

- Erianthus speciosus* Debeaux, Acta Soc. Linn. Bordeaux 32: 53. 1878.
- "Hab.: Les hautes montagnes du Tché-foû, de 1000 à 1,100 mètres d'alt. dans les fissures des rochers."
- China
- Erianthus strictus* Baldw. in Ell. Bot. S. C. & Ga. 1: 39. 1816.
- Baldwin
"near Savannah" Georgia
Man. U. S.
- Erianthus strictus* Bluff & Nees, Comp. Fl. Germ. ed. 2. 1: 105. 1836. Not Baldw. in Ell. 1816.
- "Saccharum strictum Spr. pug. II. p. 16. Rohb. exc. 214. Roth, En. 233. Andropogon strictus Willd. sp. IV. 11. Host, II t. 2. R. & S. 815. Kth. Agr. 1.605. Bipidium strictum Trin. fund. 169."
- "Hungariae"
- Erianthus strictus* (Host) Borbás, Math. Termesz. Közlem. 14: 376. 1877, without descr. or basis.
Not Baldw. 1816.
- Probably based on *Andropogon strictus* Host, same comb. as Bluff & Nees, 1836.
- Europe
- Erianthus sumatranus* Henr. Repert. Sp. Nov. Fedde 22: 349. 1926.
- "Sumatra: Sibolangit in valle Petani, leg. Lörzing no. 6012, ... (Typus in Herb. Lugd.-Batav. sub no. 924.)"
[= *E. decus-sylvae* Ridl. fide Merrill Mich. Acad. 1935, p. 95.]
- Erianthus teretifolius* Stapf, Journ. Linn. Soc. Bot. 37: 478. 1906.
- "Victoria Falls, banks of river and islands."
[Southern Rhodesia]
Basis of *Miscanthidium teretifolium* (Stapf) Stapf
Africa
- Erianthus teretifolius* Pilger, Bot. Jahrb. Engler 39: 597. Jan. 1907. Not Stapf 1906.
- J. Gossweiler 807.
Angola: Malange Distrikt Africa
- Erianthus tinctorius* Sieb. Verh. Batav. Gen. 12: 384. 1830, nom. nud.
- "*Mischanthi* sp."
- Erianthus tracyi* Nash, Bull. Torrey Club 24: 37. 1897.
- "Collected at Starkville, Miss., on October 1, 1896, by Prof. S. M. Tracy."
= *E. giganteus* (Walt.) Muhl. Man. U. S.
- Erianthus triophyllus* (Hand.-Mazz.) Hand.-Mazz. Anz. Akad. Wiss. Math. Naturw. (Wien) 62: 254. 1926.
- Based on "*E. griffithii* var. *triophyllus* H. - M."
"Etiam in prov. Yunnan --- (nr. 5069)" [Hand.-Mazz.]
China
- Erianthus trinii* Hack. in DC. Monogr. Phan. 6: 135. 1889.
- "*E. Trinii*; *Saccharum giganteum* Trin.: in Mém. Ac. Pétersb. ser. 6, vol. 2, p. 311 exp." cited by Hackel. Trinius cites the following:
"*Saccharum giganteum* [Walt.] Pers." [= *Erianthus giganteus*]
"*Andropogon alopecuroides* L." [= *Erianthus alopecuroides*]
"*Anthoxanthum giganteum* Walt. [= *Erianthus giganteus*]
"*Erianthus saccharoides* Michx. [= *Erianthus giganteus* (Walt.) Pers.]
"*Erianthus giganteus* Muhl. [= *E. giganteus* (Walt.) Muhl.]
"*Saccharum alopecuroides* Nutt. [= *E. alopecuroides* (L.) V. spp. Am. Bor. Brasil." Ell.]
- All apply to N. Amer. species. No description by Trinius, no specimens cited.
over
- Erianthus trinii* subv. *glabrinodis* Hack. in DC. Monogr. Phan. 6: 135. 1889.
- Based on *Erianthus saccharoides* ssp. *genuinus* var. *Trinii* subv. *glabrinodis* Hack.
Brazil
- Erianthus trinii* subv. *villosus* (Steud.) Hack. in DC. Monogr. Phan. 6: 136. 1889.
- Based on *Saccharum villosum* Steud. Syn. 1: 408.
Brazil (Burchell 4483, all, off. Fl. bras.).
Paraguay: Caaguaza (Balansa 298 ex p.)
- Erianthus velutinus* Munro ex Hack. in DC. Monogr. Phan. 6: 169. 1889, as syn. of *Pollinia velutina* Munro
Ms. (in h. berol.)"
- India orient: in montium Khasia---(Hook.f. et Thomson h. Ind. or.)
- Erianthus velutinus* (Holtum) Jansen, Acta Bot. Neerl. 2: 365. 1953.
- Based on *Spodiopogon velutinus* Holtum, Gard. Bull. Singapor (1947) 297.
Singapor
- Erianthus versicolor* Nees ex Hack. in DC. Monogr. Phan. 6: 144. 1889.
- Hackel cites "Nees! ap. Steud."
- Based on "*Saccharum versicolor* Nees in litt. sub. *Erianthus*" Steud. Syn. Fl. Glum 1: 409. 1855.
- "India orient.: Nepal (Royle 195); Massuri (Hugel in h. Vind.)"
- Erianthus versicolor* var. *pallens* (Hack.) Hook.f. Fl. Brit. Ind. 7: 124. 1896.
- Based on "*E. pallens* Hack."
Himalaya (Hooker & Thomson) India
- Erianthus viguieri* A. Camus, Bull. Soc. Bot. France 71: 1182. 1924.
- "Madagascar: province de l'Itasy, district des Kismby, (Viguier et Humbert, no. 1721, 27 Nov. 1912)."
- Transferred to *Miscanthidium viguieri* (A. Camus) A. Camus, Bull. Soc. Bot. France 106: 338. 1959.
- Erianthus villosus* (Thunb.) Steud. Nom. Bot. ed. 2. 1: 567. 1840.
- [same comb. made by F. Muell. Fragm. 8: 118. 1873, based on *Andropogon villosus* Thunb.]
- Based on *Eulalia villosa* Trin. [*Andropogon villosus* Thunb.]
Cape Good Hope - (Thunberg)
- Erianthus violaceus* K. Schum. Pflanzenw. Ost-Afr. 5(C): 96. 1895.
- "Seengebiet: (Itolie am westlichen Ufer des Victoria Nyansa. - Stuhlmann, n. 933)."
- Africa
- Erianthus wardii* Bor, Kew Bull. 1954: 498. 1954.
- Burma: North Triangle (Kamjaw), 900 m., 2 Dec. 1953
....F. kingdom-Ward. 21666 (typus in Herb. Kew.)
- Erianthus williamsii* Bor, Kew Bull. 1957: 413. 1957.
- Nepal: Hanta, Nagdum Khola, 5 Sept. 1952, 8,500 ft. Polunin, Sykes et Williams 3170--dry open slopes.
[spikelets "from Type Sheet"]
in T
- Erioblastus flexuosus* Honda ex Nakai, Rep. Veg. Daisetsusan Mts. 58, 73. 1930; cited in Honda, Journ. Fac. Sci. Univ. Tokyo 3: 143. 1930, nom. nud.?
Not verified. (?based on *Deschampsia flexuosa* (L.) Trin.)
- Referred to *Deschampsia atropurpurea* var. *paramushirensis* Kudo, in Ohwi, Fl. Japan 100. 1953.
- Eriochaeta densiflora* Fig. & De Not. Mem. Acc. Torin. II. 14: 374. 1854. (Separate 1853)
- "In Nubia superiore iisdem locis ac praecedens,"
Africa
= *Pennisetum*
- Eriochaeta reversa* Fig. & De Not. Mem. Acc. Torin II. 14: 378. 1854. (Separate 1853)
- "In Nubia superiore cum praecedentibus."
Africa
= *Pennisetum*
- Eriochaeta secundiflora* Fig. & De Not. Mem. Acc. Torin II. 14: 375. 1854. (Separate 1853)
- "In Nubiae superioris regione Kordofan."
Africa
= *Pennisetum*
- Eriochloa acrotricha* (Steud.) Hack. in Thell. Viertel-jahrs. Nat. Ges. Zürich 52: 435. 1907. Not Denkschr. Akad. Wien, Math.-Nat. 78: 399.
- Based on *Halopus acrotrichus* Steud.
"Nubia. Hrbr. un. arab. nr. 806."
Africa
- Eriochloa acrotricha* Hack. ex Schinz. Denkschr. Acad. Wien, Math.-Nat. 78: 399. no date
- "(= *Panicum acrotrichum* Hook.f. 1864.)"
Afr. tropics
- Eriochloa acrotricha* var. *australiensis* Domin, Bibl. Bot. 85: 290. 1915.
- "*E. annulata* var. *acrotricha* [as used by] J. H. Maid" cited.
"Queensland: bei Barcoaldine (Domin, III. 1910)."
Australia
- Eriochloa acrotricha* var. *decumbens* (F. M. Bailey) Domin, Bibl. Bot. 85: 290. 1915.
- Based on *E. decumbens* F. M. Bailey
Solomon Isl. Pacific
- Eriochloa acuminata* (Presl) Kunth, Rev. Gram. 1: Suppl. VIII. 1830.
- Based on "*Piptatherum acuminatum* Presl"
[unidentified]
Mexico

Eriochloa annulata (Fluegge) Kunth, *Rév. Gram.* 1: 30. 1829.

Based on "*Paspalum annulatum* Fluegge"
E. Indies, Klein

Eriochloa annulata var. *acrotricha* (Steud.) Benth. *Fl. Austral.* 7: 463. 1878.

Based on "*Helopus acrotrichus* Steud."
Nubia (Hrb. un. Arab. 806) Africa

Eriochloa aristata Vasey, *Bull. Torrey Club* 13: 229. 1886.

"Collected by Dr. Ed. Palmer, in S. W. Chihuahua, in 1885."
Man. U. S.
Mexico

Eriochloa australiensis Stapf ex Thell, *Vierteljahrs. Nat. Ges. Zürich* 64: 697. 1919.

"(N. S. Wales!, S.-Austral.)"

Eriochloa bolbodes (Hochst.) Schweinf. *Bull. Herb. Boiss.* 2 (App. 2): 17. 1894.

Based on *Helopus bolbodes* Hochst.
Abyssinia
"(Hrb. Abyss 2021)"

Eriochloa borumensis Haak. in Schinz, *Bull. Herb. Boiss.* II. 1: 765. 1901.

"Südost-Afrika: Boruma am Sambesi, Menyharth."
Aff. *E. annulata* Kunth

Eriochloa boxiana Hitchc. *Carnegie Inst. Washington Publ.* 436: 339. f. 4. 1934.

"Type in the U. S. National Herbarium, no. 1,535,749, collected near Parry's Bridge, in damp, almost swampy, open abandoned land, Antigua, West Indies, Sept. 7, 1931, by Harold E. Box (No. 43)."
Man. W. I. West Indies

Eriochloa brasiliensis Spreng. *Syst. Veg.* 1: 249. 1825.

"Brasil"

Paspalum dissitiflorum
Axonopus dissitiflorus
= *Axonopus brasiliensis*

Eriochloa castanea Hack. *Repert. Sp. Nov. Fedde* 7: 370. 1909.

"Paraguay: Sierra de Amambay, in campis arenosis prope S. Bento; Mart. 1908, Hassler no. 10777, leg. Rojas."

Basis of *Paspalum macranthecium* Parodi

Eriochloa contracta Hitchc. *Proc. Biol. Soc. Washington* 41: 163. 1928.

Based on "*Helopus mollis* C. Muell. Not *Eriochloa mollis* Kunth"
Texas (Drummond 370) Man. U. S.

Eriochloa orebra S. T. Blake, *Proc. Roy. Soc. Queensl.* 59: 156. 1948.

"Mitchell District: N. of Ilfracombe, in open grass-land on dark brown clay, about 700 ft., May 3rd, 1936, S. T. Blake 11358 (TYPE)"
Queensland, Australia

Eriochloa debilis Mez, *Bot. Jahrb. Engler* 56(Beibl. 125): 12. 1921.

"Florida (Curtiss n. 3600)."
= *E. michauxii* Man. U. S.

Eriochloa decumbens P. M. Bailey, *Queensl. Agr. Journ.* 1: 234. 1897.

"Hab.: On rocks, Hammond Island, Torres Strait."
Solomon Is. Pacific

Eriochloa distachya H.B.K. *Nov. Gen. & Sp.* 1: 95. pl. 30. 1815.

Crescit in ripa Orinoci fluminis inter Santa Barbara et Esmeraldam. 4 Floret Majo.
Venezuela

type species of *Eriochloa*

Eriochloa eggersii Hitchc. *Contr. U. S. Nat. Herb.* 24: 430. 1927.

Type in the U. S. National Herbarium no. 822110, collected at El Recreo, Province of Manibi, Ecuador, by Eggers (no. 15423).

Eriochloa ekmanii Hitchc. *U. S. Dept. Agr. Misc. Publ.* 243: 183. 1936.

"Type in the U. S. Nat. Herb., no. 1385555, collected in Savannas near Mir, Prov. Oriente, Cuba, Aug. 22, 1916, by Dr. E. L. Ekman (no. 7509)."
Man. W. I.

Eriochloa filifolia Hitchc. *Contr. U. S. Nat. Herb.* 12: 207. 1909.

"Hitchcock, March 15, 1906, no. 559392 in U. S. National Herbarium"

"Jata Hills near Guanabacoa."

Cuba type
= *E. setosa* (A. Rich.) Hitchc. Man. W. I.

Eriochloa Fouchei Stent, *Bothalia* 1: 260. 1924.

"Gozina, near Pretoria, *Fouche* 7."

Africa
Aff. *E. acrotricha* Hack.

Eriochloa globosa (Thunb.) Kunth, *Rev. Gram.* 1: 30. 1829.

Based on "*Milium globosum* Thunb."
[Japan]

Eriochloa gracilis (Fourn.) Hitchc. *Journ. Washington Acad. Sci.* 23: 455. 1933.

Based on *Helopus gracilis* Fourn.
Valle de Oajaca, Mexico
Liebmann 436 Man. U. S.

Eriochloa gracilis var. *minor* (Vasey) Hitchc. *Journ. Washington Acad. Sci.* 23: 456. 1933.

Based on *Eriochloa punctata* var. *minor* Vasey
Texas (no. 2087 Wright; Nealley) Man. U. S.

Eriochloa grandiflora (Trin.) Benth. *Journ. Linn. Soc. Bot.* 19: 39. 1881.

[as new by Vasey, same basis, U. S. Dept. Agr. Spec. Rep. 63: 11. 1883, but misapplied to *E. lemmonii*]

Based on "*Helopus grandiflora* Trin."

Brazil

Eriochloa Haekelii Honda, *Bot. Mag. Tokyo* 37: 115. 1923.

Based on "*Eriochloa annulata* (non Kunth) Haek. in *Bull. Herb. Boiss.* 528. 1904."
Ins. Kutsu-su, Japan, ex coll. Matsumura

Eriochloa japonica Kunth ex Steud. *Syn. Fl. Clus.* 1: 99. 1854, as syn. of *Helopus globosus* (Thunb.) Steud.

Thunb. *Fl. Jap.* 49. This refers to *Milium globosum* Thunb. = *Isachne globosa* (Thunb.) Kuntze erroneously ascribed to Kunth by Steud.

Eriochloa kunthii G. Meyer, *Prim. Fl. Esseq.* 46. 1818.

"In graminosis humidis plantationis Hamburg."
Essequibo, British Guiana
[not based on any Kunth species]

Eriochloa lemmonii Vasey and Scribn. *Bot. Gaz.* 9: 185. pl. 2. 1884.

"Arizona (n. 2910 Lemmon, 1882)." Man. U. S.

Eriochloa lemmonii var. *gracilis* (Fourn.) Gould, *Leaf. West. Bot.* 6: 51. 1950.

Based on *Helopus gracilis* Fourn., *Mex. Fl.* 2: 13. 1886.
= *E. gracilis* (Fourn.) Hitchc. Man. U. S.

Eriochloa longiflora S. T. Blake, *Univ. Queensl. Papers Dept. Biol.* 1(18): 18. 1941.

"Queensland.--Gregory South District: ...Birdsville, on low sand-ridge, ...Blake 12243 (Type)."
Australia
Aff. *E. australiensis* Stapf ex Thell.

Eriochloa longifolia (Vasey) Vasey, *Contr. U. S. Nat. Herb.* 3: 21. 1892.

Based on "*E. mollis* var. *longifolia* Vasey."
= *E. michauxii* Man. U. S.
Key West, Fla. Curtiss

Eriochloa macclounii Stapf in Prain, *Fl. Trop. Afr.* 9: 501. 1919.

"Mozambique Distr.MacClounie 8!"
Africa

Eriochloa maidenii Hamilton, *Proc. Linn. Soc. N. S. W.* 37: 709-711. 1912.

"Hawkesbury River (A. A. Hamilton; May, 1912)."
Australia

Eriochloa Meyeriana (Nees) Pilger in Engl. & Prantl, *Pflanzenfam.* ed. 2. 14e: 56. 1940.

[Based on *Panicum meyerianum* Nees]
"Nees" cited, but not species name.
Cape Colony, Africa

Eriochloa michauxii (Poir.) Hitchc. *Contr. U. S. Nat. Herb.* 12: 147. 1908.

Based on *Panicum michauxii* Poir.
Man. U. S. Florida

Eriochloa michauxii var. *simpsonii* Hitchc. *Proc. Biol. Soc. Washington* 41: 163. 1928.
(Publ. as trinomial--given as var. in Manual)

"Type in the U. S. National Herbarium, no. 928,353 collected at Cape Romano, Florida, May, 1891, by J. H. Simpson (no. 262)."
Man. U. S.

Eriochloa mollis (Michx.) Kunth, *Rév. Gram.* 1: 30. 1829.

Based on "*Panicum molle* Michx." Not Swartz
Florida
= *E. michauxii* Man. U. S.

Eriochloa mollis var. *longifolia* Vasey, *Bull. Torrey Club* 13: 25. 1886.

"Collected at Key West, Florida, by A. H. Curtiss."
= *Eriochloa michauxii* Man. U. S.

Eriochloa montevidensis Griseb. *Abh. Ges. Wiss. Göttingen* 24: 306. 1879.

Based on "*Helopus annulatus* var. *montevidensis* Nees" herb. name.
[Monte Video] Uruguay

Eriochloa montevidensis f. *subcolorata* Hack. in *Stuck. Anal. Mus. Nac. Buenos Aires* 11: 65. 1904.

"Stuckert: *Herb. Arg.* no. 13,920 (22. 11. 1904) Estancia San Teodoro, ped. Villamonte, Dep. Río I. Prov. Córdoba"
Argentina

Eriochloa nelsoni Scribn. & Smith, U. S.

Dept. Agr. Div. Agrost. Bull. 4: 12. 1897.

"hills east of Cuicatlan, Oaxaca, Mexico, no. 1707, 1894." E. W. Nelson.

Eriochloa nubica (Steud.) Stapf, *Fl. Trop. Afr.* 9: 500. 1919

see same (Steud.) Hack. & Stapf ex Thell.

Based on *Helopus nubicus* Steud. [Hochst. hrbr. un. it. nr. 382. Nubia]

Stapf makes the combination *Eriochloa nubica* (Steud.) Stapf but expresses doubt that it is distinct from *Eriochloa acrotricha* (Steud.) Hack.

Africa

Eriochloa nubica (Steud.) Hack. & Stapf ex Thell.

Vierteljahrs. Nat. Ges. Zürich 64: 697. 1919.

Based on *Helopus nubicus* Steud.

"H. annulatus Hochst. hrbr. un. it. nr. 382. Nubia

Eriochloa pacifica Mez, *Bot. Jahrb. Engl.* 56(Beibl. 125): 11. 1921.

"Ecuador (Eggers n. 14772....(first cited)
Grasses Andes

Eriochloa parvispiculata C. E. Hubb. *Kew Bull. Misc. Inf.* 1934: 111. 1934.

"Zanzibar: without precise locality, Vaughan 1607."
fide
Aff. *E. procera* C. E. Hubb.

Eriochloa peruviana Mez, *Bot. Jahrb. Engl.* 56(Beibl. 125): 12. 1921.

"Peru (Weberbauer n. 5952)."
Grasses Andes

Eriochloa polystachya H.B.K. *Nov. Gen. & Sp.* 1: 95. pl. 31. 1815.

"Crescit in pascuis inundatis prope Guayaquil. (Regno Quit.)"
Ecuador
Grasses Andes

Eriochloa polystachya var. *annulata* (Fluegge) Maid. & Betohe, *Cens. N. S. Wales Fl.* 16. 1916.

Based on "*E. annulata* Kunth"; this based on [*Paspalum annulatum* Fluegge]
Ind. Or.

Eriochloa polystachya var. *punctata* (L.) Maid. & Betohe, *Cens. N. S. Wales Fl.* 16. 1916.

Based on "*E. punctata* Hamilt."; this based on *Milium punctatum* L.
Jamaica

Eriochloa procera (Retz.) C. E. Hubb. *Kew Bull. Misc. Inf.* 1930: 256. 1930.

Based on *Agrostis procera* Retz.
Malabar (König)
India

Eriochloa procera var. *involucrata* (Hack.) P. Jansen, *Reinwardtia* 2: 276. 1953.

Based on *E. ramosa* var. *involucrata* Hack., *Philipp. Journ. Sci.* 1 (Suppl.): 349. 1906
Velasque 292, Philippines: Yates 889, East Coast Sumatra;

Eriochloa pseudoacrotricha (Stapf ex Thell.) C. E. Hubb. ex S. T. Blake, *Trans. Roy. Soc. South Austral.* 67: 43. 1943.

"C. E. Hubbard in *Herb. Brisbane*" "det. by Hubbard"

Based on *E. ramosa* var. *pseudoacrotricha* Stapf ex Thell. This based on *E. annulata* var. *acrotricha* Benth. [excl. syn.]

Nubia. (Hrbr. un. Arab. nr. 806)

Africa

Eriochloa pulchella (Raddi) Kunth, *Rev. Gram.* 1: 30. 1829.

Based on *Panicum pulchellum* Raddi

"...Catumbi" not far from Rio de Janeiro

Eriochloa punctata (L.) Desv. ex Hamilt. *Prodr. Fl. Ind. Occ.* 5. 1825.

Based on *Milium punctatum* L.

Jamaica

Man. U. S. Man. W. I.

Eriochloa punctata Hochst. ex Steud. *Syn. Fl. Glum.* 1: 101. 1854, as syn. *Helopus cognatus* Steud.

"E. punctata Hochst. in *Hrbo. Hostm.* nr. 319."

Not Desv. ex Hamilt. 1825.

Surinam

Eriochloa punctata var. *aristata* (Vasey) Jones, *Contr. West. Bot.* 14: 11. 1912.

Based on "*E. aristata* Vasey."

Man. U. S.

S. W. Chihuahua, Palmer in 1885

Mexico

Eriochloa punctata var. *leiorhachis* Domin, *Bibl. Bot.* 85: 289. 1915.

"Queensland: bei Hughenden auf den Grasflächen der Rolling Downs... sowie am Flinders River (Domin, II. 1910)."

Australia

Eriochloa punctata var. *minor* Vasey, *Contr. U. S. Nat. Herb.* 3: 21. 1892.

"Texas (No. 2087, Wright, Nealley)"

= *E. gracilis* var. *minor* (Vasey) Hitchc. Man. U.S.

Eriochloa punctata var. *montevidensis* (Griseb.) Osten & Hert. *Anal. Mus. Hist. Nat. Montevideo* II. 3: 47. 1929.

Based on *Eriochloa montevidensis* Griseb.
Montevideo Uruguay

Eriochloa punctata var. *parodii* Osten & Hert. *Anal. Mus. Nac. Montevideo* II. 3: 47. 1929.

Uruguay (many specimens cited)

Eriochloa punctata var. *subglabra* (Nash) Urban, *Symb. Antill.* 4: 85. 1903.

Based on *Monachne subglabra* Nash, *Porto Rico, Heller* 380.
= *E. polystachya* H.B.K. Man. W. I.

Eriochloa purpurascens Hochst. *Flora* 24 (Intell. 1): 19. 1841, nom. nud.; ex A. Rich. *Tent. Fl. Abyss.* 2: 366. 1851, as syn. of *Panicum gossypinum* Rich.
Abyssinia

Eriochloa ramosa (Retz.) Kuntze, *Rev. Gen. Fl.* 2: 775. 1891.

Based on "*Milium r.* Retz. 1791"
Ind. Or.

Eriochloa ramosa var. *barbata* Peter, *Repert. Sp. Nov. Fedde* 40(Beih.): 159. 1930, without description.

"Mez in *Herb. Berol.* sub *E. punctata* Ham."
[There is no *E. punctata* var. *barbata* Mez published]
"Deutsch Ost Afr., West Usambara: Nyika Kitivo.... (Holst 594!)"
East Africa

Eriochloa ramosa var. *gigantea* Domin, *Bibl. Bot.* 85: 290. 1915.

"Queensland: West side of South Percy Island, low lying sandy flat, H. Tryon (F. M. Bailey als *E. punctata*)."
Australia

Eriochloa ramosa var. *involucrata* Hack. ex Merr. *Philippine Journ. Sci.* 1(Suppl.): 349. Dec. 1906.

"3333 Merrill, Puerto Galera, Mindoro, Philippines."

Eriochloa ramosa var. *pseudo-acrotricha* Stapf ex Thell. *Vierteljahrs. Nat. Ges. Zürich* 64: 697. 1919.

"E. annulata var. *acrotricha* Benth. [excl. syn.]" cited.

[See Blake, *Trans. Roy. Soc. South Austral.* 67: 43. 1943 for discussion]

Nubia. Hrbr. un. Arab. no. 806 Africa

Eriochloa sericea (Scheele) Munro in Vasey, U. S. *Dept. Agr. Div. Bot. Bull.* 12^{pl.} 1. 1890.

Based on *Paspalum sericeum* Scheele, as shown by Munro mss. in *Kew Herbarium*

"Western Texas and New Mexico, extending northward into the Indian Territory."

Man. U. S.

Eriochloa setosa (A. Rich.) Hitchc. U. S. *Dept. Agr. Misc. Publ.* 243: 182. 1936.

Based on *Piptatherum setosum* A. Rich.

Man. W. I.

Cuba

Eriochloa subglabra (Nash) Hitchc. *Contr. U. S. Nat. Herb.* 12: 208. 1909.

Based on *Monachne subglabra* Nash

Porto Rico

= *E. polystachya* H.B.K. Man. W. I.

Eriochloa subulifera Stapf, Kew Bull. Misc. Inf. 1919: 141. 1919.

"Mascarenes, Assumption Island. Fox 258,261."
Indian Ocean

Eriochloa succinata (Trin.) Kunth, Rev. Gram. 1: Suppl. VIII. 1830.

Based on "*Paspalum succinotum* Trin."
Astrachan, Russia

Eriochloa succinata var. *acuta* Smirnow ex Roshev. Acta Hort. Petrop. 28: 417. 1909. In Russian.

Turkestan

Eriochloa succinata var. *gracilis* Roshev. Acta Hort. Petrop. 40: 82 f. 56. 1928, in Russian.

"*Rossiae Austro-Orientalis*"--from Title.

Eriochloa succinata var. *robusta* Roshev. Acta Hort. Petrop. 40: 82. f. 56. 1928, in Russian.

Rossiae austro-orientalis--title

Eriochloa sundsiola Miquel, Fl. Ind. Bat. Suppl. 606. 1860.

"Bangka, prope Muntok locis graminosis, in solo argillaceo, M. Aug. 1858 (J. Amman)."

Malay archipelago

Eriochloa texana Mez, Bot. Jahrb. Engler 56(Beibl. 125): 12. 1921.

"Texas (Jones n. 4177)."

= *E. gracilis* var. *minor* Man. U. S.

Eriochloa trichopus (Hochst.) Benth. Journ. Linn. Soc. Bot. 19: 39. 1881,

Presumably based on *Panicum trichopus* Hochst. Flora 254. 1844. Fl. Aethiopiae - Kotschy 74.

Trop. Africa

= *Urochloa trichopus* (Hochst.) Stapf

Eriochloa trichopus var. *glabrata* Schweinf. Bull. Herb. Boiss. 2(Append. 2): 17. 1894.

"Aethiopia, Colonia Eritrea, Dogali (100 m.) 258, coll. 1892." [Schweinfurth, Coll.]

Africa

Eriochloa tridentata (Trin.) Kuhl. Comm. Linhas Telegr. Matto Grosso Anexo 5, Bot. 11: 89. 1922.

Based on *Paspalum tridentatum* Trin.

Amer. aequin. (Lindley)

[South Amer.]

Eriochloa vestita Balf. f. Proc. Bot. Soc. Edinburgh 12: 97. 1884. [date of meeting is Jan. 29, 1883; date on t.p. 1884]

"Socotra, in campis calcareis prope Galonsir. B.C.S. n. 574." [Balfour, Cookburn, & Scott]

Stapf, Hook. Icon. Pl. 31, sub pl. 3098.

Africa

Basis of *Tricholaena vestita* Stapf & Hubb.

Eriochloa villosa (Thunb.) Kunth, Rev. Gram. 1: 30. 1829.

Based on "*Paspalum villosum* Thunb."

Man. U. S.

Nagasaki, Japan

Eriochloa villosa f. *distachya* Hack. mss. in Engler, Bot. Jahrb. 6: 49. 1885.

"Liu-Kiu, Amani Osima (Döderlein)."

Eriochloa villosa var. *stenantha* Ohwi, Repert. Sp. Nov. Fedde 36: 41. 1934.

"Hab.: Formosa (Kinsui 200 m in Shinohikushu, Y. Shimada n. 4842), Liukiu."

Eriochloa Weberbaueri Mez, Bot. Jahrb. Engler

56(Beibl. 125): 11. 1921.

"Feru (Weberbauer n. 4135)."

Grasses Andes

Eriochrysis attenuata Nees in Steud. Syn. Fl. Glum.

1: 411. 1855. "Nees mpt."

"*Saccharum fuscum* Wall. Cat. 8855. F. Ind. or." cited List

= *Saccharum fuscum* Roxb. in Hack.

Eriochrysis brachypogon (Stapf) Stapf, Fl. Trop. Afr.

9: 93. 1917.

Based on "*Saccharum brachypogon* Stapf"

Africa

Eriochrysis cayanensis Beauv. Phillips, Gen. S. Afr.

Flowering Plants (Bot. Survey S. Afr. ed. II) 78.

1951. Typographical error for *cayennensis* cited as

"Type" of *Eriochrysis* Beauv.

Ess.

Eriochrysis cayanensis Beauv. Agrost. 8. pl. 4. f. 11. 1812.

[named for Cayenne and name corrected to *cayennensis* by Hack.--accepted by A.S.H.]

No loc. cited. "dans toutes les collections."

French Guiana

Eriochrysis fusca Trin. Mem. Acad. St. Pétersb. VI.

Math. Phys. Nat. 2: 315. 1832.

Based on "*Saccharum fuscum* Roxb." ed. Carey 1: 241. 1820.

Bengal

Eriochrysis giordaniana Chiov. Atti Reale Accad.

d'Italia Memor. Classe Sci. Fisic. Math. Nat.

11: 61. 1940.

"Amara, Uollo: Piana del Robi 1300 M.---11 ottobre 1937 (ing. G. Giordano 1721.)--Aethiopia

Africa

Eriochrysis holcoides (Nees) Kuhl. Comm. Linhas

Telegraph Estrat. Matto Grosso 67: 89. anexo 5,

Bot. 11: 89. 1922.

(Nees)

Based on *Saccharum holcoides* Hack. (This based on *Anatherum holcoides* Nees)

Brazil

Eriochrysis longifolia Munro ex Benth. Journ. Linn.

Soc. 19: 66. 1881, without description.

Benth. & Hook. Gen. Pl. 7: 1126. 1883. Characters in common with other species referred to *Eriochrysis* only, no particular description. "ex India orientali"

"from East India."

[not in Hack. Monogr.]

[not *Eriochrysis*]

Eriochrysis Munroana (Hack.) Pilger, Notizbl. Bot. Gart. Berlin 11: 648. 1932.

Saccharum Munroanum Hack.

Transvaal Africa

Burke & Zeyher

Eriochrysis narenga Nees ex Steud. Syn. Fl. Glum.

1: 411. 1855.

"*Saccharum narenga* Wall.

Cat. nr. 8856 B. Ind. or." nom. nud.

= *S. narenga* (Nees) Hack.

India

Eriochrysis pallida Munro in Harvey, Gen. S. Afr. Fl.

ed. 2. 440. 1868.

"found at Magaliesberg by Burke and Zeyher."

So. Africa

Eriochrysis phaenostachys Pilger, Notizbl. Bot. Gart.

Berlin 11: 648. 1932.

"Bez. Iringa: Lupembe, am Wasser H. J. Schlieben n. 870"

Tanganyika Terr. Africa

Eriochrysis porphyrocoma Hance in Trim. Journ. Bot.

14: 294. 1876.

"In provincia Cantonensi, secus amnem Lien chau, m. Octobri, 1875, invenit domine Galbraith. (Herb. propr., n. 19285)."

China

Basis of *Narenga porphyrocoma* (Hance) Ber

Eriochrysis pulchra Beauv. Ess. Agrost. 162. 1812,

nom. nud.

Eriochrysis purpurata (Benth) Stapf, Fl. Trop. Afr.

9: 92. 1917.

Based on *Saccharum purpuratum* Benth.

Africa

Eriochrysis Bangacharii C.E.C. Fisch. Kew Bull. Misc.

Inf. 1932: 246. 1932.

"Nilgiri Hills, at Fykara, ... Sir A. G. and Lady Bourne without number (Herb. Kew). June 1900.

"Sir Alfred Bourne informs me that the plants were found and passed on to him by Rai Bahadur K. Banga Achariyar."

India

Aff. *E. purpurata* Stapf

Eriochrysis warmingiana (Hack.) Kuhl. Comm. Linhas

Telegraph. Estrat. Matto Grosso 67: 29. 1922.

Based on *Saccharum warmingianum* Hack.

Brazil

Eriocoma caduca (Scribn.) Rydb. Mem. N. Y. Bot. Gard.

1: 25. 1900.

Based on "*Stipa caduca* Scribn."

= *Oryzopsis bloomeri* (Boland.) Bicker

Man. U. S.

Eriocoma cuspidata Nutt. Gen. Pl. 1: 40. 1818.

Platte Plains, Nuttall

= *Oryzopsis hymenoides*

Man. U. S.

Eriocoma hymenoides (Roem. & Schult.) Rydb. Bull. Torrey Club 39: 102. 1912.

Based on *Stipa hymenoides* R. & S.
= *Oryzopsis hymenoides* Man. U. S.

Eriocoma membranacea Steud. Nom. Bot. ed. 2.
1: 586. 1840, as syn. of *Uraochne lanata* Trin.

= *Oryzopsis hymenoides* Man. U. S.

Eriocoma membranacea (Fursh) Reel, Grasses N. Amer.
2: 232. 1896.

Based on *Stipa membranacea* Fursh
= *Oryzopsis hymenoides* (Roem. & Schult.) Ricker
Man. U. S.

Eriocoma webberi Thurb. in S. Wats. Bot. Calif.
2: 283. 1880.

= *Oryzopsis webberi* (Thurb.) Benth.
Cal. Bolander May 1871. Man. U. S.
Sierra Valley Duplicate type

Eriolytrum junceum Desv. ex Kunth, Rev. Gram. 1: 219.
1830, as syn. *Panicum reptans* Kunth [not L.]

= *Panicum racemosum* (Beauv.) Spreng.
S. America

Erioneuron avenaceum (H.B.K.) Tateoka, Amer. Journ. Bot.
48: 572. 1961.

Based on *Triodia avenacea* H.B.K. 1816.
Mexico

= *Tridens grandiflorus* (Vasey) Woot. & Standl. Man. U.S. p. 210.

Erioneuron grandiflorum (Vasey) Tateoka, Amer. Journ. Bot. 48: 572. 1961.

Based on *Triodia grandiflora* Vasey
Mexico

= *Tridens grandiflorus* (Vasey) Woot. & Standl. Man. U.S. p. 210.

Erioneuron nealleyi (Vasey) Tateoka, Amer. Journ. Bot. 48: 572. 1961.

Based on *Triodia nealleyi* Vasey
Western Texas, Nealley

= *Tridens nealleyi* (Vasey) Woot. & Standl.)

Erioneuron pilosum (Buokl.) Nash in Small, Fl. Southeast U. S. 144. 1903.

Based on *Uralespis pilosa* Buokl.
= *Tridens pilosum* (Buokl.) Hitchc. Man. U.S. Texas

Erioneuron pulchellum (H.B.K.) Tateoka, Amer. Journ. Bot. 48: 572. 1961.

Based on *Triodia pulchella* H.B.K.
= *Tridens pulchellus* (H.B.K.) Hitchc. in Jepson.

Eriopodium kraussii Hochst. ex Krauss, Flora 29: 115.
1846, as syn. *Andropogon eucomus* Nees.

= *Andropogon eucomus* Nees
So. Africa

Eriotricha acrotricha (Steud.) Hack. in Thell. Viertelj. Naturf. Ges. Zürich 52: 435. 1907.

"*Helopus acrotrichus*"

Eriochloë amabilis Raf. ex Jacks. Ind. Kew 1: 886. 1893,
as synonym of *Eragrostis amabilis*.

Eriochloë Raf. Neogenyt. 4. 1825; "The species of *Poa* with two stamens only." Bull. Bot. Seringe 1: 221. 1830. "(*Poa spectabilis* seu *amabilis*)" [- 2 distinct species of *Eragrostis*] no combination made.
Man. U. S. as syn. *Eragrostis amabilis*

Eriochloë spectabilis Raf. ex Jacks. Ind. Kew. 1: 886. 1893.

"*Poa spectabilis*" mentioned sub *Eriochloë* without description, no combination published.

= *Eragrostis spectabilis* Man. U. S.

Eriochloë ciliare (All.) Lunell, Amer. Midl. Nat. 4: 221. 1915.

"*Eragrostis ciliaris* (All.) Link" cited, error for *E. cilianensis* (All.) Link since the name is included in list of North Dakota plants, *E. cilianensis*, not *ciliaris*, being found in North Dakota.

= *Eragrostis cilianensis* Man. U. S.

Eriochloë hypnoides (Lam.) Lunell, Amer. Mid. Nat. 4: 221. 1915.

Based on *Poa hypnoides* Lam.
= *Eragrostis hypnoides* Man. U. S.

Erucaria glabra Cervant. Naturaleza 1: 350. 1870.

"Hab. in collibus de Guadalupe, Moctezuma, San Agustín de las Cuevas, San Ángel, Tacubaya."

Bouteloua curtispindula? suggested by Fourn., doubtful in Griffiths. Grama Gr. p. 424.

Erucaria glandulosa Cervant. Naturaleza 1: 347. 1870.

"In collibus de Guadalupe, et de Moctezuma prope Mexicum."

= *Bouteloua glandulosa* (Cervant.) Swallen Man. U.S.

Erucaria hirsuta Cervant. Naturaleza 1: 348. 1870.

"In collibus de Guadalupe, et de Moctezuma prope Mexicum."

Griffiths: "the description----suggests *Bouteloua hirsuta*"
Mexico

Erucaria longifolia Cervant. Naturaleza 1: 350. 1870.

"In collibus de Guadalupe, et de Moctezuma prope Mexicum."

Bouteloua dubia in Griffiths, Grama Gr. p. 424.

Erucaria lutescens Cervant. Naturaleza 1: 349. 1870.

No loc. given. Mexico

Bouteloua dubia--Griffiths, Grama Gr. p. 424.

Erucaria monostachia Cervant. Naturaleza 1: 349. 1870.

"In collibus de Guadalupe, et de Moctezuma prope Mexicum."

Bouteloua dubia in Griffiths

Erucaria tetrastachia Cervant. Naturaleza 1: 349. 1870.
(err. typ. *tretastachia*)

"In collibus de Guadalupe, et de Moctezuma prope Mexicum."

Bouteloua sp. dub. in Griff. Grama Gr. p. 424.

Erucaria villosa Cervant. Naturaleza 1: 348. 1870.

"In collibus de Guadalupe, et de Moctezuma prope Mexicum."

"may be *Bouteloua chondrosioides*"

Griffiths, Grama Gr. p. 424.

Euchlaena bourgaei Fourn. Bull. Soc. Bot. Belg. 15: 468. 1876.

"(Bourg. absque numero), octobri."

"In collibus prope Chiquihuite"

Mexico, Bourgeau in 1865, Oct. 10

["Collines des roches au Chiquihuite, vallée e Mexico"]

[see Type photo and fragment]

Euchlaena giovannini (Brign.) Fourn. in Bull. Soc. Bot. Belg. 15: 468. 1876. of Ann. Sci. Nat. III. 12: 365. 1849, sub *Reana* Brign. 1849.

Mexico (Dr. Melchior Giovannini)

Euchlaena luxurians Dur. & Aschers. Sitzungsab. Ges. Naturf. Freund. Berlin 1876: 164. Dec. 19, 1876.

"der ältere und sichere Name *Euchlaena* muss vor dem jüngeren und immerhin noch etwas zweifelhaften Namen *Reana* vorangestellt werden." [*Reana luxurians* Dur. nom. nud.]

"Unter dem Namen *Teosynté*... wurde im Jahre 1867 von Herrn Rossignon, Director der öffentlichen Garten in Guatemala, der Samen eines Futtergrasses an die Société d'acclimatation in Paris eingesendet. Herr Durieu de Maisson-neuve,.... machte die Cultur dieser Pflanze."

Euchlaena mexicana Schrad. Ind. Sem. Hort. Göttingen, 1832, reprinted in Linnaea, Litt. 8: 25. 1833.

"Mexico. Dr. Muhlenfordt."

Euchlaena mexicana var. *luxurians* (Brog.) Haines, Bot. Bihar & Orissa Pt. 6: 1065. 1924.

Reana luxurians Brogn. [error for Durieu? not in cult.]
India

Euchlaena perennis Hitchc. Journ. Washington Acad. Sci. 12: 207. 1922.

"Type in the U. S. National Herbarium, no. 727077, collected in prairie along the railroad, about one mile south of the station, Zapotlán (Ciudad Guzman), Jalisco, Mex. September 12, 1910, by A. S. Hitchcock (no. 7146)."

X *Euchlaena mertonensis* Janaki Ammal in Bor, Grasses of Burma, Ceylon, India and Pakistan 266. 1960.

"---intergeneric hybrid (*Euchlaena perennis* ♀ X *Zea mays* ♂) was raised by Dr. E. K. Janaki Ammal, while working at the John Innes Horticultural Institution, then situated at Merton,---plants have been sent to India and it may possibly be cultivated for fodder-----"

Euclasta condylotricha (Hochst.) Stapf, in Train, Fl. Trop. Afr. 9: 181. 1917.

Based on *Andropogon condylotrichus* Hochst.
Abyssinia, Africa

Euclesta glumaceus Franch. Bull. Soc. Hist. Nat. de
Autun 8: 336. 1895.

"Hab.--Comba, entre Londina et Brazzaville (Thollon,
n. 1040); Lope, dans l'Ogooue (id.n. 787)."

[French Congo] Africa

Euklastaxon tenuifolius Steud. Flora 33: 229. 1850,
nom. nud. Syn. Fl. Glum. 1: 412. 1855.

[nr. 939]

"Urville legit in Brasilia."

= *Andropogon selleanus* (Hack) Hack. See Type

Eulalia amaura (Buse) Ohwi, Bull. Tokyo Sci. Mus. no.
18: 2. 1947.

Based on *Andropogon amaurus* Buse

Java, Zollinger 539.

= *Polytrias praemorsa* (Nees) Hack.

Dr. Henrard told A.C. no umlaut for Buse; it is a
Dutch name, not German

Eulalia argentea Brongn. in Duperrey, Bot. Voy. Coquille
2: 92. 1831.

Loc.: Amboine et Bourou, dans les Moluques."

Molucca Is., East Indies

Eulalia argentea var. *queenslandica* (Domin) Hitchc.
Brittonia 2: 126. 1936.

Based on *Pollinia argentea* var. *queenslandica* Domin
Australia

Eulalia aurea (Bory) Kunth, Rev. Gram. 1: 160. 1829.

Based on "*Andropogon aureus* Bory, Willd."

"Brillé, Saint-Denis." Bourbon

[Reunion] Indian Ocean

[Saint-Denis capital town of Reunion]

Eulalia Bequaerti (De Wild.) De Wild. Contr. Fl.
Katanga 2. 1921.

Based on *Pollinia Bequaerti* De Wild.

Africa

Eulalia bicoloruta Bory, Kew Bull. Misc. Inf. 1950: 258.
1950.

Burma. Kawkwe Valley, Mansonli Reserve, Myitkyina
District, 130 m., 22 Nov. 1912, J. H. Lane 6051.

Eulalia birmanica (Hook.f.) A. Camus, Ann. Soc. Linn.
Lyon 68: 204. 1921.

(spelled *birmanica*--made as n. comb. by Rhind, Grass.
Burma 2, 63. 1945.)

Based on *Pollinia birmanica* Hook.f.

Burma

Eulalia brevifolia Keng, Claves gram. prim. Sincicarum.
237. 1957. nom. nud.

China

Eulalia burmanica Rhind, Grass. Burma 2: 63. 1945.
= *E. birmanica* (Hook.f.) A. Camus, Ann. Soc. Linn.
Lyon 68: 204. 1921. q.v.

Based on *Pollinia birmanica* Hook.f.

Burma

Eulalia cantonensis (Bendle) Hitchc. Lingnan Sci.
Journ. 7: 234. 1931.

Based on *Pollinia cantonensis* Bendle

China

Eulalia capensis Hochst. Flora 29: 117. 1846, as syn.
of *Ptilopogon capensis* Hochst. ex Steud. Syn. Fl.
Glum 1: 412. 1855.

"Afr. austr."

Eulalia ciliata (Trin.) Kuntze, Rev. Gen. Fl.
1: 775. 1891.

Based on "*Pollinia ciliata* Trin." fide Hack.

Nepal, Asia

Eulalia Clarkei Haines, Bot. Bihar & Orissa Pt. 5: 1017.
1924.

"*Erianthus fastigiatus* Beng. Fl. (part)" cited as
syn.

"Singbhum, elev. 2500 ft. Clarke (no. 20551)!"

[British India]

Eulalia comocinna Nees in Steud. Syn. Fl. Glum 1: 412.
1855. "Nees (mspt)"

"*Andropogon* nr. 8813. Wall. Cat. Ind. or."

[Hack. cites Wall. 8813]

India

Eulalia contorta (Brongn.) Kuntze, Rev. Gen. Fl.
1: 775. 1891.

Presumably based on [*Pogonatherum contortum* Brongn.]

"(Brongn. = *P. articulata* Trin. apud Hackel)
Bengalen: Silligori." cited.

India

Eulalia contorta var. *linearifolia* Keng, Claves gram.
prim. Sincicarum 237. 1957. nom. nud.
Not Kuntze 1891.

China

Eulalia contorta var. *sinensis* Keng, Claves gram. prim.
Sincicarum 237. 1957. nom. nud.

China

Eulalia cotulifera (Thunb.) Munro ex Miquel, Ann. Mus.
Bot. Lugd. Bat. 2: 289. 1866.

Based on "*Andropogon cotuliferum* Thunb."

= *Spodiopogon cotulifer*

Japan

Eulalia cumingii (Nees) A. Camus, Ann. Soc. Linn.
Lyon 68: 203. 1921.

Based on *Pollinia cumingii* Nees

Philippines

Eulalia densa (Nees) Munro in Seem. Bot. Voy. Herald
424. 1852-57.

Based on *Saccharum densum* Nees

= *Miscanthus japonicus* fide Hack.

Philippine Islands, Cuming n. 1841 and 787.

Eulalia dispar (Nees) Kuntze, Rev. Gen. Fl. 1: 775.
1891.

Based on *Pollinia dispar* Nees

Java

Eulalia elata Peter, Repert. Sp. Nov. Fedde Beih.
40: 360 & Anhang, 117. pl. 75. 1936.

"D O Afr. ... Ngulu: am Teich bei der Eisenbahnbrücke
von Malongwe 1180° I (P 34601)." [or 34501]

[Place given under *Androp. Aucheri* var. *quinqueplumis*
p. 142. 1929]

Tanganyika

Eulalia elata var. *hirsuta* Peter, Repert. Sp. Nov.
Fedde Beih. 40: 360 & Anhang, 117. pl. 72. 1936.

"D O Afr., Gr. Graben: Kulturgelände süd. Saranda
zwischen Station u. Dorf 1095° XII, V'2' (P. 33453)."

Tanganyika

Eulalia euonemis (Nees) Kuntze, Rev. Gen. Fl. 1: 775.
1891.

Based on *Pollinia euonemis* Nees

["*Andropogon* 8812 Wall. Cat. Ind. Or."]
List

India

Eulalia fastigiata Stapf ex Haines, Bot. Bihar & Orissa
Pt. 5: 1014. 1924, as syn. of *Saccharum fastigiatum*
Steud. See same 1940.

As valid species in Stapf ex Bor, Fl. Assam 5: 336.
1940.

"Syn. *Erianthus fastigiatus* Nees ex Steud."

See next card, valid by Bor

India

Eulalia fastigiata (Nees) Stapf ex Bor, Fl. Assam
5: 336. 1940. See same 1924.

Based on *Saccharum fastigiatum* Nees in Steud. Syn.
Fl. Glum 1: 409. 1855.

"*Erianthus* nr. 8847 Wall. Cat. Ind. Or."

Assam

Eulalia ferruginea Stapf, Fl. Trop. Afr. 9: 100. 1917.

"Mozambique Distr. German East Africa: in swamps
near Tabora, Speke & Grant!"

Tanganyika

Eulalia fimbriata (Hack.) Kuntze, Rev. Gen. Fl. 775.
1891.

Same comb. made by Blatter & McCann, Journ. Bomb.
Nat. Hist. Soc. 32(1929) 290.

Based on *Pollinia fimbriata* Hack.

"---Peninsulae Indiae or.-terr. Malabar et Concan
leg. Stocks.---

Eulalia fulva (R. Br.) Kuntze, Rev. Gen. 1: 775. 1891.

Presumably based on *Saccharum fulvum* R. Br.

Australia

Eulalia fulva var. *normalis* Kuntze, Rev. Gen. Fl.
1: 775. 1891.

"(= var. *fulva* Hackel) Java: Dorowati 2000m."
[*Pollinia cumingii* var. *fulva* Hack. ?] cited.

Java

Java is source of Hackel's misapplication of R. Br.'s
"fulva" [*Saccharum fulvum* R. Br. Australia]

Eulalia fulva var. *parviflora* Hack. ex Kuntze, Rev. Gen. Fl. 1: 775. 1891, without descr.

"Bengalen: Silligori."

India

Eulalia geniculata Stapf, Fl. Trop. Afr. 9: 101. 1917.

"South Central. Belgian Congo: Katanga; Chisangwe, Hombi 42! Mozambique Distr. Rhodesia: Salisbury, Mrs. Craster, 18! Rogers, 4088! Bulawayo, 4500 ft., Eyles, 1137!"

Africa

Eulalia glabrata Brongn. in Duperrey, Bot. Voy. Coquille 2: 93. pl. 19. 1831.

"Borabora, l'une des îles de la Société."

Isl. Pacific Ocean

also spelled
Bolabola and
Bonabona

Eulalia gracillima (Hack.) Kuntze, Rev. Gen. Fl.

1: 775. 1891.

Based on *Pollinia gracillima* Hack.

Society Islands Pacific

Eulalia grata (Hack.) Kuntze, Rev. Gen. Fl. 1: 775. 1891.

Based on *Pollinia grata* Hack.

"China: Cap. Syng Moon (Meyen)" among specimens cited by Hackel

Eulalia hirtiflora Kuntze, Rev. Gen. Fl. 1: 775. 1891. err. for *hirtifolia* Hack.

Based on *Pollinia hirtifolia* Hack.

Simla, India

See *Eulalia hirtifolia* A. Camus

Eulalia hirtifolia (Hack.) A. Camus, Ann. Soc. Linn. Lyon 68: 202. 1921.

See Kuntze, 1891. Same but error in spelling.

Pollinia hirtifolia Hack.

Simla, India

Eulalia hydrophila Chiov. Atti Reale Accad. d'Italia Memor. Classe Sci. Fisic. Math. Nat. 11: 62. 1940.

"(Pollinia hydrophila Chiov. in Sched. Herb. Colon. Florent. 16 Marzo 1912)

"Abissinia: Semien, Debarak----11 lugio 1909 (Chiovenda n. 917); Pantani presso Card, 13 lugio 1909 (Chiovenda n. 985)."

Africa

Eulalia hydrophila Chiov. var. *filiformis* Chiov. Atti Reale Accad. d'Italia Memor. Classe Sci. Fisic. Math. Nat. 11: 63. 1940.

Abissinia: "Semien, ---Uulkefit e Debarak, 3 dicembre 1909 (Chiovenda, n. 3135).

Africa

Eulalia irritans (R. Br.) Kuntze, Rev. Gen. Fl. 1: 775. 1891.

Based on *Saccharum irritans* R. Br.

(*Pseudopogonatherum irritans* (R. Br.) A. Camus based on same

Australia

Eulalia irritans var. *egregia* Reeder, Journ. Arn. Arb. 29: 336. 1948.

"British New Guinea: Western Division: Wai kussa River, MacGregor 8 (US, type) 1890."

Pseudopogonatherum egregia (Reeder) P. Jansen 1953 based on this.

Eulalia japonica (Thunb.) Mem. Acad. St. Petersburg. VI. Math. Phys. Nat. 2: 333. 1832.

Based on "*Saccharum japonicum* Thunb."

= *Miscanthus japonicus*

Japan

Eulalia japonica Trin. ex Steud. Syn. Fl. Glum.

1: 412. 1855.

"*Saccharum polydactylon* Thunb." cited.

"*Japonia*. Taiti."

[Japan; Tahiti]

Eulalia japonica var. *gracillima* (Hitcho.) Grier, Amer.

Midl. Nat. 11: 331. 1928-29.

Presumably based on *Miscanthus sinensis* var. *gracillimus* Hitcho.

= *Miscanthus sinensis* Man. U. S.

Cult. from Japan

Eulalia japonica *zebrina* Nichols, Illust. Diet. Gard.

538. 1888.

Eulalia koretrostachys (Trin.) Henr. Blumea 4: 521.

1941.

Based on *Andropogon koretrostachys* Trin.

Pseudopogonatherum koretrostachys (Trin.) Henr. l.c. same basis!

Manila, Philippines

Eulalia lagopus (Hack.) Henr. Blumea 4: 520. 1941.

Based on *Pollinia argentea* var. *lagopus* Hack.

Pseudopogonatherum lagopus (Hack.) Ohwi same basis.

Luzon (3902 Merrill)

Eulalia lanipes Ridl. Journ. Fed. Malay States Mus.

10: 251. 1922, without description.

"of Kedah Peak." [Malay Peninsula]

Pseudopogonatherum lanipes (Ridl.) Ohwi based on this, no description!

Eulalia leptostachya (Pilger) Henr. Blumea 3: 453. 1940.

(Same comb. made by Chase, Journ. Arn. Arb. 24: 88. 1943) during war, without European or Japanese publications.

Based on *Pollinia leptostachys* Pilger

N. E. New Guinea, Schlechter 16982; Hellwig 363.

Eulalia Leschenaultiana (Decaisne) Ohwi, Bull. Tokyo Sci. Mus. no. 18: 2. 1947.

Based on *Andropogon Leschenaultianus* Decaisne

Isl. Timor. East Indies

Eulalia mackinlayi (F. Muell.) Kuntze, Rev. Gen. Fl.

2: 775. 1891.

Same comb. S. T. Blake, Austr. Journ. Bot. 2: 108. 1954.

Based on "*Pollinia mackinlayi* F. v. M." [F. Muell.]

N. Australia, north coast of Arnhem's Land

McKinlay

Eulalia manipurensis Bor. Grasses of Burma, Ceylon, India and Pakistan 156. 1960.

"The type is at Kew (Manipur State; Palal, 720m. N. L. Bor 17736 - in wet grassland).

Eulalia maritima (Merr.) A. Camus, Ann. Soc. Linn. Lyon 68: 204. 1921.

Based on *Pollinia maritima* Merr. 5277 Merrill, Biol. Lab. Manila

Lubacan, Philippines

Eulalia mexicana Steud. Syn. Fl. Glum. 1: 412. 1854.

"Mexico"

[type not found] *Andropogon* sp?

Eulalia milsumi Ridl. Journ. Fed. Malay States Mus. 10: 251. 1922.

"On the bare rocks at Klang Gates on Bukit Lompat Bayan" [Malay Peninsula]

Eulalia mollis (Griseb.) Kuntze, Rev. Gen. Fl.

1: 775. 1891.

Based on *Erianthus mollis* Griseb.

Kumaon pr. Almora (Strachey)

India

Eulalia monantha (Nees) Kuntze, Rev. Gen. Fl.

1: 775. 1891.

Based on *Pollinia monantha* Nees ex Steud. "*Andropogon* Wall. Cat. 8819. Ind. Or."

List

Eulalia monostachya (Bal.) A. Camus, Ann. Soc. Linn.

Lyon 68: 204. 1921.

Based on *Pollinia monostachya* Balansa

"Cochinchine---Annam Indo-Chine française"

Eulalia nepalensis Trin. Mem. Acad. St. Petersburg. VI.

Math. Phys. Nat. 2: 333. 1832.

Basis of *Miscanthus nepalensis* (Trin.) Hack.

"V. sp. Nepal."

India, Asia

Eulalia nuda (Trin.) Kuntze, Rev. Gen. Fl.

1: 775. 1891.

Based on *Pollinia nuda* Trin.

Nepal

Eulalia pallens (Hack.) Kuntze, Rev. Gen. Fl.

1: 775. 1891.

Based on *Pollinia pallens* Hack.

"India orientalis---leg. J. D. Hooker"

Eulalia paniculata Peter, Repert. Sp. Nov. Fedde Beih.

40: 360. 1936.

"= *Androp. isostachyus* A. Peter" [publ. Peter 40: 143. 1929] [See p. 143] 1929.

"D. O. Afr., P. 37836, s. oben S. 143 unter *Andropogon isostachyus* A. Peter"

Tanganyika

Eulalia phaeothrix (Hack.) Kuntze, Rev. Gen. Fl.

1: 775. 1891.

Based on *Pollinia phaeothrix* Hack.

"*Erianthus aureus* Nees! ap. Steud. Synops. 1, p. 412 perperam sub *Eulalia nepalensi* Trin. citatus, non Beauv."

Eulalia polyneura Stapf, Fl. Trop. Afr. 9: 99. 1917.

Based on [*Pollinia polyneura*] "Pilger in Engl. Jahrb. XXXIX. 597 (1907)".

"Nile Land, Abyssinia: Arussi; Druka Gilo, Drake-Brockman, 153; British East Africa: Massai Island, Forestry Dept. Nairobi 19; Mau Plateau, 7500-10,000 ft., Linton, 177;".

Pilger's type

Eulalia praemorsa (Nees) Ridl. Journ. Fed. Malay States Mus. 10: 251. 1922.

[*Pollinia praemorsa* Nees] *Polytrias praemorsa* = *Polytrias praemorsa* (Nees) Hack.

Eulalia quadrinervis (Hack.) Kuntze, Rev. Gen. Fl. 12: 775. 1891.

Based on "*Pollinia quadrinervis* Hack."

Pseudopogonatherum quadrinerve (Hack.) Ohwi based on this.
Hongkong, China

Eulalia quadrinervis var. *bispicata* Hosokawa, Botany & Zool. (Tokyo) 6: 1868. 1938.

Only descr.: "*Inflorescentia bispicata*."
Japan

Eulalia Ridleyi (Hack.) A. Camus, Ann. Soc. Linn. Lyon 68: 204. 1921.

Based on *Pollinia Ridleyi* Hack.
Peninsula Malacca, Pahang.
East Indies

Eulalia rufispica (Steud.) Kuntze, Rev. Gen. Fl. 12: 775. 1891.

Based on *Andropogon rufispicus* Steud.
Hrb. Zollinger nr. 2193
Java

Eulalia sericea (Chiov.) Stapf, Fl. Trop. Afr. 9: 98. 1917.

Based on *Pollinia sericea* Chiov.
"D. Riva n. 109 (1419)"
Somalia, Africa

Eulalia setifolia (Nees) Pilger in Engl. & Prantl, Pflanzenfam. ed. 2. 14: 121. 1940.

Based on *Pollinia setifolia* Nees
Pseudopogon setifolium (Nees) A. Camus also based on this.
Philippines

Eulalia siamensis Bor, Kew Bull. 1954: 499. 1954.

Hills of northern Siam where it forms tufts in open, oak scrub forests.
Type at Kew.

Eulalia simplex Hosokawa, Trans. Nat. Hist. Soc. Formosa 28: 150. 1938.

"Hab. Yap; islet Tomil, on a roadside in the Savannah of Tomil (T. H. [Hosokawa] no. 6839; Type: Jul. 24, 1937)."
Caroline Isls. Pacific

Eulalia smitinandiana Bor, Kew Bull. 256. 1956.

Thailand: Loei, Phu Krading, c. 1300 m., 29 Oct. 1954, Tem Smitinand 2053.---(Typus in Herb. Kew.).

Eulalia speciosa (Debeaux) O. Ktze. Rev. Gen. Fl. 2: 775. 1891.

Based on *Erianthus speciosus* Debeaux 1878.
Pollinia speciosa (Debeaux) Hack. in D.C. Monogr. Phan. 6: 159. 1889.

Khasi and Naga Hills, Manipur State, extending to Siam and China.

Exsicc.- N. L. Bor 17839, Borpani, Khasi Hills; A. A. Bullock 735, Manipur State.

See Bor, Grasses of Burma, Ceylon, India and Pakistan p. 157. 1960.

Pseudopogonatherum speciosum (Debeaux) Ohwi, same basis.

Eulalia speciosa var. *glauca* Chung, Man. Grasses Korea 39. 1955.

"Specimen typicum in Herbario Grayano conservatum legit R. K. Smith s.n. 20 Sept. 1934, prope "Soral Beach" in Provincia Whanghaedo."

Korea

Eulalia speciosa var. *modesta* (Hack.) Honda, Bot. Mag. Tokyo 38: 58. 1924.

Based on "*Pollinia speciosa* var. *modesta* Hack."
No basis so far found.

Korea

Eulalia speciosa var. *velutina* (Hack.) Bor, Grasses of Burma, Ceylon, India and Pakistan 157. 1960.

Based on *Pollinia velutina* Hack.

Khasi Hills.

Exsicc.-C. B. Clarke 45603, Khasia; Hook.f. & Thoms. s.n. Khasia.

Eulalia spectabilis (Trin.) Kuntze, Rev. Gen. Fl. 12: 775. 1891.

Based on "*Pollinia spectabilis* Trin."
"Inss. Carol."--Caroline Islands, Pacific

Eulalia staintoni Bor, Kew Bull. 1957: 411. 1957.

Ind. Or.: Kumaon, 7-8000 ft., 17 Sept. 1884.
J. P. Duthie 3554;---Kali Valley (K); Nepal, Lete (S. of Tukucha) Kali Gandaki, 9000 ft.) 18 Sept. 1954, Stanton, Sykes & Williams 7919; steep open slopes; (Type). photo in Herb.

Eulalia tanakae (Makino) Honda, Bot. Mag. Tokyo 38: 57. 1924.

Based on *Misoanthus tanakae* Makino Bot. Mag. Tokyo 8: 90. 1894, name only; on *Pollinia Tanakae* Makino 28: 165. 1914, no description.

Prov. Mikawa (T. Makino, Oct. 23, 1893....)
Japan

Eulalia tenuis (Trin.) Kuntze, Rev. Gen. Fl. 2: 775. 1891.

Based on "*Pollinia tenuis* Trin."
Manilla, Philippines

Eulalia thwaitesii (Hack.) Kuntze, Rev. Gen. Fl. 12: 775. 1891.

Based on *Pollinia thwaitesii* Hack.
Ceylon, Thwaites 949.

Eulalia trispicata (Schult.) Henr. Blumea 3: 453. 1940.

Based on *Andropogon trispicatus* Schult. which is based on *A. tristachyos* Roxb.
"Roxb. described the same species in 1820 as *Andropogon tristachyus*, an invalid name because there was already an *Androp. tristachyus* H.B.K. from 1816."
---Henrard

Calcutta, India

Pseudopogonatherum trispicatum (Schult) Ohwi, same basis

Eulalia tristachya (Roxb.) Kuntze, Rev. Gen. Fl. 12: 775. 1891.

Based on *Andropogon tristachyus* Roxb. 1820. Not H.B.K. 1816.

Note by A.C.: "*Pollinia argentea* Trin. = this."
= *E. trispicata* (Schult) Henr.

Eulalia vagans (Nees) Kuntze, Rev. Gen. Fl. 12: 775. 1891.

Based on "*Pollinia vagans* Nees"

"*Andropogon* nr. 8807 B. Wall. Cat. Nepal List

Eulalia velutina (Hack.) Kuntze, Rev. Gen. Fl. 12: 775. 1891.

Based on *Pollinia velutina* Hack.

("India orient: in montium Khasia regione temperata inter 1600 et 2000 m. alt. Hook.f. et Thomsen h. Ind. or.")

Eulalia villosa (Thunb.) Nees, Fl. Afr. Austr. 91. 1841.

Based on "*Andropogon villosus* Thunb."

= *Pollinia villosa* (Thunb.) Spreng.

Cape Good Hope, Africa (Peter Thunberg)

Eulalia viminea (Trin.) Kuntze, Rev. Gen. Fl. 2: 775. 1891.

Based on *Andropogon vimineus* Trin.

Nepal, India, Asia

= *Microstegium vimineum* (Trin.) A. Camus

Eulalia viminea var. *imberbis* (Nees) Kuntze, Rev. Gen. Fl. 2: 775. 1891.

Presumably based on *Pollinia imberbis* Nees
= *Microstegium vimineum*
Nepal Asia

Eulalia viminea var. *variabilis* Kuntze, Rev. Gen. Fl. 2: 775. 1891.

"Sikkim"

= *Microstegium*

India

Eulalia wightii (Hook.f.) Bor, Grasses of Burma, Ceylon, India and Pakistan 158. 1960.

Based on *Pollinia quadrinervis* Hack. var. *wightii* Hook.f. Pulney Hills.

"Type at Kew Herb. Wight 3390, Pulneys."

Eulaliopsis angustifolia (Trin.) Honda, Bot. Mag. [error for opis] Tokyo 37: 124. 1923, in Japanese; 38: 56. 1924.

Based on *Spodiopogon angustifolius* Trin.

= *Eulaliopsis binata* (Retz.) C. E. Hubb.

Eulaliopsis binata (Retz.) C. E. Hubb. Hook. Icon. Fl. ser. 5.) 3: t. 3262. 1935. "[vol. 33 of the entire work]"--footnote page 6.

Based on *Andropogon binatus* Retz. Obs. 5: 21. 1789.

Synonymy of *Eulaliopsis binata* (Retz.) C. E. Hubb. cited by Hubbard, footnote p. 6. *Andropogon binatus* Retz. (1789); *Spodiopogon angustifolius* Trin. (1833); *Ischaemum angustifolium* (Trin.) Hack. (1889). *Eulaliopsis angustifolia* (Trin.) Honda (1924). *Pollinidium angustifolium* (Trin.) Haines. P. binatum (Retz.) C. E. Hubb. 1932. p. 72.

Eulaliopsis sykesii Bor., Kew Bull. 1957: 412. 1957.

Nepal: Hunta, Nagdung Khola, 5 Sept. 1952, 8,500 ft.
Polunin, Sykes & Williams 3170 - dry open slopes.

[photo of type in herb.]

Euraphis pumilio (Trin.) Kuntze, Rev. Gen. Pl. 1: 776.
1891.

Based on *Boissiera bromoides* Hochst.

= " " "

Persia

Eustachys argentina (Hack.) Herter, Fl. Illustrada
Uruguay 1: 86. f. 341. 1941.

Presumably *Chloris distichophylla* var. *argentina*
Hack. no name cited, only "(Hack.)"

Argentina

Eustachys argentinensis (Lillo & Par.) Herter, Revist.
Sudamer. Bot. 6: 146. 1940.

Based on *Chloris argentinensis* Lillo & Par.
error for a.

Eustachys capensis (Houtt.) Chiov., Webbia 8: 115. 1951.

Based on *Andropogon capensis* Houtt. Plant. Syst.,
12. t. 93. f. 3. 1785.

Cangiaro, 28 Apr. (n.457) - El Banno, 29 Apr. (n.596)
[same comb. Herter, Rev. Sudamer. Bot. 9: 259. 1956]

= *Chloris capensis* Thell.

Cape Good Hope Africa

Eustachys caribaeus (Spreng.) Herter, Revist. Sudamer.
Bot. 6: 147. 1940.

Based on *Chloris caribaea* Spreng.

= " " "

"Ins. Carib."

Eustachys confertifolia (Spreng.) Kunth, Rev. Gram.
1: 88. 1829.

Based on "*Chloris confertifolia* Trin., Spreng." 1821.

= " " "

= *Chloris distichophylla*

Insula Sanctae Catharinae Brazil

Eustachys distichophylla (Lag.) Nees, Agrost. Bras.
418. 1929.

Based on "*Chloris distichophylla* Lag. [1816]

= " " " Man. U. S.

Eustachys floridana Chapm. Fl. South U. S. 557. 1860.

"Dry pine barrens, middle Florida."

Based on *Chloris floridana* (Chapm.) Wood

Man. U. S. based on file

Eustachys glauca Chapm. Fl. South U. S. 557. 1860.

"Brackish marshes, West Florida"

= *Chloris glauca* (Chapm.) Wood. Man. U. S.

Eustachys neglecta Nash Bull. Torrey Club. 25: 450.
1898.

Based on "*Chloris neglecta* Nash....1895."

= " " " Man. U. S.

Eustachys obtusifolia (Balansa) A. Camus, E.G. Camus &
A. Camus, Fl. Gen. Indo-Chine 7: 541. 1923.

Based on *Chloris obtusifolia* Balansa

= " " "

Eustachys paspaloides (Vahl) Lanza et Mattei Bollet.
Orto Bot. e Giard colon. 9: 56. 1910.

Based on "(Vahl sub *Cynosuro*)" *Cynosurus paspaloides*
Vahl.

= *Chloris petraea*

Eustachys petraea Desv. Muov. Bull. Soc. Philom.
Paris 2: 189. 1810.

Based on *Chloris petraea* Sw.

= *Chloris petraea* Man. U. S.

Eustachys ? polystachya Kunth, Rev. Gram. 1: 88. 1829.

Based on "*Chloris polystachya* Lag."

= " " "

Eustachys ? retusa Kunth, Rev. Gram. 1: 88. 1829.

Based on "*Chloris retusa* Lagasca."

Argentina

Eustachys submutica Roem. & Schult. Syst. 2: 614. 1817.

Based on "*Chloris submutica* Humb. et Bonpl."

= " " " H.B.K. Man. U. S.

Eustachys tener (Presl) A. Camus, Rev. Bot. Appl. Agr.
Colon. 5: 208. 1925.

Same, same basis, C. E. Hubb. Kew Bull. Misc. Inf.

1941: 25. 1941.

Based on *Cynodon tener* Presl

Luzon, Philippines

Eustachys uliginosus (Hack.) Herter, Revist. Sudamer.
Bot. 6: 147. 1940.

Based on *Chloris uliginosa* Hack.

Uruguay, coll. Berro

Eutriana abyssinica R. Br. ex Fresen. in Mus. Senckenb.
2: 142. 1837.

Abyssinia Africa

Eutriana affinis Hook.f. Trans. Linn. Soc. 20: 174.
1847.

"Hab. North America, Schweinitz, St. Louis
Missouri, and Texas, Drummond."

= *Bouteloua curtipendula* Man. U. S.

Eutriana antillarum Steud. Syn. Fl. Glum. 1: 217. 1854.

"*Aristida antillarum* Lam. Ill. Chaetaria antillarum
Beauv. (*Eutriana* species Trin. Stipaceae Ind. p.
180). Ins. Antill."

= *Bouteloua americana* Man. W. I.

Eutriana aristidoides (H.B.K.) Trin. Gram. Unifl. 242.
1824.

Based on *Atheropogon aristidoides* Roem. & Schult.,
this based on *Dinebra aristidoides* H.B.K.

= *Bouteloua aristidoides*

Mexico

Man. U. S.

Eutriana ? barbata (Lag.) Kunth, Rev. Gram. 1: 96. 1829.

Based on "*Bouteloua barbata* Lag."

= " " " Man. U. S.

Mexico

Eutriana bromoides Trin. Fund. Agrost. 161-162. 1820;
Gram. Unifl. 241. 1824. [Not Kunth 1833]

"(*Aristida americana* L.)" as syn. p. 161. 1820.

"*Aristida americana* Linn. Moen." p. 240. 1824.
V. sp. Doming."

= *Bouteloua americana* (L.) Scribn.

Eutriana bromoides (H.B.K.) Kunth, Rev. Gram. 1: 95.
1829. Not Trin. 1820, 1824.

Based on *Dinebra bromoides* H.B.K.

Mexico. Humboldt & Bonpland

Eutriana ? chloridea Kunth, Enum. Pl. 1: 280. 1833;
Rev. Gram. 1: Suppl. XXIII. 1830.

Based on "*Dinebra chloridea* Presl."

= *Chloris chloridea* (Presl) Hitchc.

Coll. Haenke. Mexico

Eutriana cristata Trin. Gram. Unifl. 241. 1824.

"*Atheropogon chondrosioides* R. et S. II. p. 416."
This based on *Dinebra chondrosioides* H.B.K.

= *Bouteloua chondrosioides* (H.B.K.) Benth. ex S.
Wats. Man. U. S.

Eutriana ? cristata Kunth, Enum. Pl. 1: 281. 1833;
Rev. Gram. 1: Suppl. XXIII. 1830. Not Trin. 1824.

Based on "*Dinebra cristata* Presl."

(*Triana juncea* (Desv.) Griff.)

= *Bouteloua juncea* (Desv.) Hitchc. Man. W. I.

Mexico

Eutriana curtipendula Trin. Fund. Agrost. 161. 1820.

Based on "*Chloris curtipendula* Michx.)"

= *Bouteloua curtipendula* Man. U. S.

Eutriana enteropogon Steud. Syn. Fl. Glum. 1: 216. 1854.

= *Enteropogon ?*

Type loc.: "Ind. or. Guinea."

Eutriana gracilis Trin. Gram. Unifl. 240. 1824.

Based on *Actinocloa gracilis* Willd. ex Roem. &
Schult.

= *Bouteloua gracilis* Man. U. S.

Eutriana gracilis Hook.f. Trans. Linn. Soc. 20: 175.
1847. Not Trin. 1824.

"Hab. Tucuman, Tweedie." Argentina

= *Bouteloua pilosa* fide Griff

Eutriana heterostega Trin. Gram. Unifl. 242. 1824.

Based on "*Heterostega juncea* Desv. et Kunth."

= *Bouteloua heterostega* (Trin.) Griff. Man. W. I.

Antillias

Eutriana ? hirsuta Kunth, Rev. Gram. 1: Suppl. 23. 1830.

Based on "*Dineba hirsuta* Presl."

Peru

= *Bouteloua aristidoides* Man. U. S.

Eutriana hirta Trin. Gram. Unifl. 240. 1824.

Based on "*Bouteloua hirsuta* Lag.

= " " " " Man. U. S.

Eutriana humilis Trin. Gram. Unifl. 239. 1824.

Based on "*Actinochloa humilis* Willd.

= *Bouteloua simplex* Lag. Man. U. S.

Eutriana juncea Trin. Gram. Unifl. 238. 1824.

"*Triathera americana* Desv. R. et S. II p. 421." cited Not Desv. ipse, 1810.

"V. sp. Doming."

= *Bouteloua juncea* Man. W. I.

Eutriana juncifolia Kunth, Rev. Gram. 1: 95. 1829.

Based on "*Heterostegia juncifolia* Desv." Not *Bouteloua juncifolia* Lag. 1816.

= *Bouteloua heterostegia*
Antilles

Eutriana karwinskiana Trin. ex Steud. Nom. ed. 2.

1: 620. 1840, nom. nud. "Trin. mpt."

Mexico

Eutriana ? lagascae Kunth, Rev. Gram. 1: 95. 1829.

Based on *Bouteloua juncifolia* Lag. 1816.

"Habit. in Imperio Mex. 4."

Type not found--unidentifiable.

Eutriana ledebourii Trin. Gram. Unifl. 238. 1824.

"in Herbar. Rudolphi...ol. Ledebourii sub. nom. *Aristida secundae*."

= *Bouteloua juncea* (Desv.) Hitchc. Man. W. I.
Ins. S. Doming.

Eutriana mucronata Areschoug Kgl. Sv. Fregatt. Bug.

Resa Bot. III: 118. 1910.

"Ecuador: in insula Puna..N. J. Andersson, Collector.

= *Bouteloua disticha* (H.B.K.) Benth. Andes Grasses

Eutriana multiseta Nees, Agrost. Bras. 413. 1829.

"Al Monte Video. (Sellow.- Vidi in Herb. Reg. Berol.

= *Bouteloua megapotamica*

Eutriana ? oligostachya Kunth, Rev. Gram. 1: 96. 1829.

Based on "*Atheropogon oligostachyus* Nutt."

= *Bouteloua gracilis* Man. U. S.

Eutriana pentarrhaphis Trin. Gram. Unifl. 239. 1824.

Based on "*Pentarrhaphis scabra* Kunth R. et S. II. p. 420. Ex Humb. et Bonpl."

= *Pentarrhaphis scabra*
Mexico

Eutriana pilosa Hook.f. Trans. Linn. Soc. Bot.

20: 173. 1847.

Hab. Albemarle Island, Mr. Maoras

Galapagos

= *Bouteloua pilosa*

Eutriana polyodon Trin. Gram. Unifl. 242. 1824.

"*Polyod. distichum* Kunth R. et S. II. p. 713. Ex Humb. et Bonpl."

"Regni Quitensis" Ecuador

= *Bouteloua disticha* (H.B.K.) Benth.

Eutriana racemosa Trin. ex Fourn. Gram. Mexic. 141.

1881, as syn. *Triathera gracilis* Fourn.

"Trin. mso. in herb. Petrop.--non *Triasena racemosa* H.B.K."

= *Bouteloua curtispindula* Mexico
fide Griff.

[not in Man. U.S.]

Eutriana repens Trin. Gram. Unifl. 241. 1824.

"*Atheropogon repens* R. et S." Ex Humb. et Bonpl."

Mexico

= *Bouteloua repens*

Eutriana tenuis Trin. Gram. Unifl. 240. 1824.

Based on "*Actinochloa tenuis* Willd. Herb. R. et S. II. p. 418."

= *Bouteloua simplex* Man. U. S.

Eutriana triasena Trin. Gram. Unifl. 239. 1824.

Based on "*Triasena racemosa* Kunth R. & S. II. p. 421. ex Humb. & Bonpl."

Mexico

= *Bouteloua juncea*

Eutriana villosa Steud. Nom. Bot. ed. 2. 1: 620.

1840, nom. nud.

Based on "*Atheropogon villosus* Nees mpt. [publ. *Deyeuxia brasiliensis* Spr hrb. (ex Trin. mpt.)]"

= *Arthropogon villosus* Nees

Brazil

Exothea abyssinica (Hochst.) Anderss. in Nov. Act.

Upsal. III. 2: 253. pl. 3. 1856.

Based on "*Anthistiria abyssinica* Hochst."

Schimper 407, Adoua, Abyssinia [cited by Stapf]

Africa

Exothea Chevalieri A. Camus, Rev. Bot. Appl. Agr.

Colon. 5: 206. 1925, incidental mention.

"*Cymbopogon* Chevalieri ou *Exothea Chevalieri*"

Palimiria bromoides Bess. ex Steud. Nom. Bot. ed. 2.

1: 625. 1840, as syn. *Gaudinia geminiflora*

Europe

Palimiria coarctata Bess. ex Steud. Nom. Bot. ed. 2.

1: 625. 1840, as syn. *Gaudinia geminiflora*.

Europe

Eriocoma hymenoides (Roem. & Schult.) Rydb. Bull. Torrey

Club 39: 102. 1912.

Based on *Stipa hymenoides* R. & S.

= *Oryzopsis hymenoides* Man. U. S.

Eriocoma membranacea Steud. Nom. Bot. ed. 2.

1: 586. 1840, as syn. of *Urachne lanata* Trin.

= *Oryzopsis hymenoides* Man. U. S.

Eriocoma membranacea (Pursh) Beal, Grasses N. Amer.

2: 232. 1896.

Based on *Stipa membranacea* Pursh

= *Oryzopsis hymenoides* (Roem. & Schult.) Bicker
Man. U. S.

Eriocoma webberi Thurb. in S. Wats. Bot. Calif.

2: 283. 1880.

= *Oryzopsis webberi* (Thurb.) Benth.

Cal. Bolander May 1871.

Sierra Valley Duplicate type Man. U.S.

Fargesia densiflora (Bendle) Nakai, Journ. Arn. Arb.

6: 152. 1925.

Based on *Arundinaria densiflora* Bendle

China

Fargesia spathacea Franch. Bull. Soc. Linn. Paris

2: 1067. 1893.

Coll. "M. Farges--Su-tchuen Oriental---dans les montagnes du district de Tchen-Kéou-tin"---

China

Fendleria rhynchelytroides Steud. Syn. Fl. Glum.

1: 420. 1855.

"Fendler coll. nr. 979 N. Mexico."

= *Oryzopsis hymenoides* Man. U. S.

Festuca abbreviata Link ex Fleisch. Syst. Ostsee-Prov.

Phanerog. 22. 1830.

Baltic Russia

Festuca abyssinica Hochst. (in Flora 24(Intell. 1): 20.

1841, nom. nud.) ex A. Rich. Tent. Fl. Abyss. 2: 432. 1851.

"in pl. Schimp. Abyss., sect. 1, no. 410."

"Crescit in regione superiori et septentrionali montis Sellauda...(Quartin Dillon et Schimper)."

Africa

- Festuca abyssinica* ssp. *acamptophylla* St. Yves, Rev. Bret. No. 2: 75. 1927.
var. *typica* St. Yves l.c. Kilimandjaro, Cameroun
Tanganyika
- Festuca abyssinica* ssp. *acamptophylla* var. *supina* St. Yves, Rev. Bret. No. 2: 75. 1927.
Kilimandjaro [Vallee superieure du Garanga---et sources du Garanga---leg. Uhlig no. 203 et 1129.-Candolle 4: 91. 1929.
Tanganyika
- Festuca abyssinica* var. *acuta* Rendle, Cat. Afr. Pl. Welw. 2¹: 255. 1899.
"Huilla.--Wooded meadows between Monino and Lake Ivan-tala, on the way to Quipungo in thicket-grown pastures No. 2630." [Welwitsch, Coll.]
Angola, Africa
- Festuca abyssinica* ssp. *euabyssinica* St. Yves, Notizbl. Bot. Gart. Berlin 9: 1133. 1927.
Based on *F. abyssinica* Hochst.
- Festuca abyssinica* ssp. *euabyssinica* var. *intermedia* St. Yves, Notizbl. Bot. Gart. Berlin 9: 1134. 1927, without descr.; Rev. Bret. no. 2: 75. 1927, short description in key.
"Kenia, Westseite: Alpine Region (Februar 1922-- Rob. E. und Th. C. E. Fries n. 1316b).--Mt. Aberdare: Sattima, auf Grasland...(15. März 1922-n. 2413)."
[Africa]
- Festuca abyssinica* ssp. *euabyssinica* var. *keniana* St. Yves, Notizbl. Bot. Gart. Berlin 9: 1133. 1927.
Kenia, Westseite: Obere Bambusregion, im Grasland,... (30. Januar 1922--Rob. E. und Th. C. E. Fries n. 1296).--Mt. Aberdare: Obere Bambusregion, offene Plätze (13. März 1922--n. 2272); Sattima, Region...(21. März 1922--n. 2455)."
Africa
- Festuca abyssinica* ssp. *euabyssinica* var. *Schimperiana* St. Yves, Rev. Bret. no. 2: 75. 1927.
Abyssinia
Africa
- Festuca acanthophylla* E. Desv. in C. Gay, Fl. Chil. 6: 434. 1853.
"Cordilleras altas de Cauquenes, valle de los Cipreses, en la provincia de Colchagua (Gay)."
Chile
- Festuca acerosa* K. Koch, Linnaea 19: 6. 1847.
"Nordlichen Kustenlandes von Kleinasien."
Asia Minor
- Festuca acerosa* Trin. ex A. Gray, Proc. Amer. Acad. 8: 410. 1872; as synonym of *Bromus subulatus* Griseb.
= *Melica subulata* Man. U. S.
- Festuca acuminata* Gaudin, Agrost. Helv. 2: 287. 1811.
Switzerland
- Festuca acuta* R. A. Phil. Anal. Univ. Chile 94: 175. 1896.
"In Andibus provinciae Talca loco dicto Blanquillo invenit Fr. Philippi."
Chile
- Festuca acutiflora* (Torr.) Bigel. Fl. Bost. Ed. 3. 39. 1840.
Based on *Glyceria acutiflora* Torr.,
N.E. U. S.
= *Glyceria acutiflora* Man. U. S.
- Festuca adscendens* Metz. Svensk. Vet. Akad. Handl. 30: 245. 1769.
(over for description)
"Vaxer pa feta och snopiga stallen vid Christianstad"
Sweden
- Festuca aequipaleata* Fourn. in Hensl. Biol. Centr. Amer. Bot. 3: 581. 1885, nom. nud.; Fourn. Mex. Pl. 2: 125. 1886.
"South Mexico, peak of Orizaba....(Liebmann)."
= *F. toluensis* var. *aequipaleata* (Fourn.) Piper.
Mexico
- Festuca aetnensis* Presl, Cyp. Gram. Sicul. 35. 1820.
"Hab. in acervis arenae vulcanicae S. regione graminosa Aetnae."
Sicily
- Festuca aetnensis* (Tineo) Walp. Ann. Bot. 1: 943. 1848-49. Not Presl 1820.
Based on *Vulpia aetnensis* Tineo
Etna--Sicily
- Festuca affinis* Boiss. & Heldr. Diagn. Fl. Orient. Nov. II. 3(fasc. 4): 137. 1859, as syn. of *F. cyllenica* var. *multiflora* Boiss.
Greece
- Festuca affinis* var. *croatica* (Kern.) Richt. Fl. Eur. 1: 106. 1890.
Based on *F. croatica* Kern.
Croatia, Europe
- Festuca affinis* Boiss. f. *montegrina* Beck, Fl. Sudbos-nien u. Hercegovina 2 (V) 565. 1890. [in Ann. K. K. Nathist. Hofmus. 5: 564. 1890]
"----montis Vučevo et in alpinis montis Maglic."
S. E. Europe
- Festuca affinis* var. *multiflora* (Boiss.) Hayek, Repert. Sp. Nov. Fedde Beih. 30³: 289. 1932.
Based on *F. cyllenica* var. *multiflora* Boiss.
Greece
- Festuca agrestis* Loisel. Fl. Gall. ed. 2. 1: 87. 1828.
"In agris circa Parisios."
France
- Festuca agrestis* Wulf. Fl. Nor. Phan. ed. Fenzl. & Graf, 146. 1858. Not Loisel. 1828.
(Wulf. ex Steud. Nom. Bot. ed. 2. 1: 628. 1840, as syn. of *F. ovina*)
"ad agrorum margines Alagenfurti in der Sattnitz"
Austria
- Festuca agrostioides* La Pylais, Mém. Soc. Linn. (Paris) 4: 421. 1826. Nom. nud.
Terra Nova (Newfoundland)
- Festuca airoides* Lam. Encycl. 2: 464. 1788.
"Mont d'Or."
France
- Festuca airoides* (Koel.) Mutel, Fl. Franç. 4: 115. 1837. Not Lam. 1788.
Based on "*Poa* Koel." [*Poa airoides* Koel.]
Europe
- Festuca albaica* Drobov, Trav. Mus. Bot. Acad. Sci. Petrograd 16: 134. pl. 17. f. 5. 1916.
"Hab.: Prov. Fergana, distr. Skobelev (Margelan). In pratis alpinis ad fl. Dugova, circa pag. Jordan. (Drobov, No. 303)."
Turkestan, Asiatic Russia
- Festuca alata* (St.-Yves) Roshev. in Kom. Fl. U.R.S.S. 2: 528. 1934.
Based on *F. rubra* subsp. *alata* St.-Yves.
Turkestan, Asiatic Russia
- Festuca albida* Lowe, Trans. Cambridge Phil. Soc. 4: 10. 1831.
"Hab. in Maderae convallibus."
Ins. Madera West Coast Africa
- Festuca albida* var. *brevifolia* Lowe, Trans. Cambridge Phil. Soc. 6: 531. 1838.
Madeira Is. "In rupibus nuper invenit C. Lemann."
W. coast Africa
- Festuca albida* var. *longifolia* Lowe, Trans. Cambridge Phil. Soc. 6: 531. 1838.
Madeira Is. W. Coast Africa
- Festuca albifolia* Reverd. Anim. Syst. Univ. Tomsk. 1936(no. 3): 2. 1936.
Compared with *F. valesiaca* Schleich.
"Habitat: Chakassia. In siccis steppis saxosis de-olivitatibus montibus. Prope pag. Barzul. 10. VII. 1929. Leg. V. V. Reverdatto apud razjezd Belyj Juss. 12. VI. 1931. V. Golubintzeva. Area pag. Sorskoe, 8. VI. 1910, V. Titov Altaj, orientalis. Tschujsskij, Bjelki, in valle fl. Sebistej confl. Kokuzek in de-olivite siccia 7. VIII. 1911. Leg. W. Sapozhnikov."
Siberia
- Festuca albifolia* Reverd. Not. Syst. Herb. Inst. Bot. Komarov Acad. Sci. U.R.S.S. 11: 59. 1949. All in Russian.
[U.S.S.R.]

Festuca aleppica Hochst. ex Steud. Syn. Fl. Glum.
1: 302. 1854.

"Hrbr. Kotschy Persic. nr. 263. Syria"

Persia - Syria

Festuca algeriensis Batt. & Trab. Fl. Alger. 2: (Monoc.)
212. 1895.

"La région montagneuse supérieure, les sommets du
Djurjura et l'Aizer, les Ait Ouaban, l'Aurès, le
Dréat, le Dira."

Algeria, Africa

Festuca algeriensis var. *Battandieri* St.-Yves,
Candollea 1: 22. 1922.

"= *F. algeriensis* Trab. in Batt. et Trab. Fl. Alg.
Mon. p. 212." cited.

"Hab. -- Prov. Alger: l'Adzer, Dra el Mizan, Dj. Dira --
Prov. Constantine: Dj. Toumour. -- Prov. Oran: Daya."

Algeria - Africa

Festuca algeriensis var. *battandieri* subvar. *drestensis*
(Trabut) Litard. Arch. Bot. (Caen) Bull. 1: 53. 1927,
without descr.

Basis not given.

Djebel Drest [northern Africa]

Festuca algeriensis var. *lamprophylla* (Trab.) St.-Yves,
Candollea 1: 23. 1922.

Based on *F. lamprophylla* Trab.

Algeria

Festuca algeriensis var. *scabrescens* Batt. & Trab. Fl.
Alger 2: (Monoc.) 212. 1895.

"Le Dréat." Algeria

Festuca aliena Spreng. Syst. Veg. 1: 356. 1825.

"Patria ? (*F. capillata* W. herb.)"
[Willd.]

Festuca alopecuroides Sinclair, Hort. Gram. Wob. 208,
with specimen. 1816.

"Native of Barbary."

Africa

Festuca alopecuroides Savi, Cose Bot. 53. f. 4 a, b. 1832.
Not Tenore, 1830. Not Sinclair, 1816.

"*Festuca ciliata* Link -- Persoon Synop.
"Bromus barbatus Savi, Batan. Etrusc. Sebastiani.
Plantarum Romanorum Fasc. II, cum iconc." cited
"Mygalurus alopecuroides Link"

[Italy]

Cose Bot. = Botanical Items

Festuca alopecuroides Ten. Fl. Napol. 4: 16. 1830.
Not Savi, not Sinclair, 1816.

Italy

Festuca alopecuroides Schousb. Dansk. Vid. Selsk. Skrivt.
1800: 40. 1801.

"Copiose legi in arena mobili prope Tingidem. Culta
in H. b. Hafn." [Morocco, Africa]

Festuca alopecurus (Gaudich.) Brongn. in Duperrey, Bot.
Voy. Coquille 2: 32. 1829. Not Schousb. 1801.

Based on "*Arundo alopecurus*, Gaudichaud."

Falkland Isls.

Festuca alopecurus subv. *barbata* Coss. & Dur. Expl. Sol.
Alger. 2: 173. 1855.*

[Algeria, Afr.]

"acc. to Stearn, dates -- Sheets 16-20 [err. by Stearn
for 30] (i.e. pp. 121-241 [err. by Stearn for 240])
Vol. 2 betw. Apr. 1855 and Oct. 1855.

Festuca alopecuroides var. *ciliata* (Link) Thell. Mem. Soc.
Sci. Nat. Cherbourg 38: 130. 1912.

Based on "*F. ciliata* Link."

Oporto, Portugal

Festuca alopecurus subvar. *genuina* Coss. & Dur. Expl.
Sci. Alger. 2: 173. 1855.*

Based on *F. alopecuroides* Schousb.

"Date acc. to Stearn -- Sheets 16-20 [err. by Stearn
for 30] (i.e. pp. 121-241 [err. by Stearn for 240])
Vol. 2 betw. Apr. 1855 and Oct. 1855.

Festuca alopecurus subv. *glabrata* Coss. & Dur. Expl.
Sci. Alger. 2: 173. 1855.*

[Algeria, Afr.]

"acc. to Stearn, dates -- sheets 16-20 [err. by Stearn
for 30] (i.e. pp. 121-241 [err. by Stearn for 240])
Vol. 2 betw. Apr. 1855 and Oct. 1855.

Festuca alpestris Roem. & Schult. Syst. Veg. 2: 722.
1817.

"Fest. alpina Host" Not Suter 1802.

Tyrol Austria

Festuca alpestris Wulf. Fl. Nor. Phan. Fenzl. & Graf
151. 1858. Not Roem. & Schult. 1817.

"*Festuca rubra* L." cited.

"Frequens in declivibus alpium pratis: auf der
Basterzen, am Heiligenbluter-Tauern, zu Trax etc."

[Austria]

Festuca alpestris var. *eu-alpestris* Pénzes, Borbásia
3: 9. pl. 1. f. 5; pl. 2. f. 5, 5a. 1941.

"Exemplum delineatum: Venetia, prope fines Tiroliae.
Dit. Bellunensis in rupestr. mont. Serva, solo calo.
1100-1800 m. Legit Huter. (Flora exsicc. Austro-
Hung. 3947. *Festuca alpestris*) in herb. Mus.
Budapest."

Festuca alpestris var. *pirinensis* (Achtaroff) Pénzes,
Borbásia 3: 2, 10. pl. 1. f. 4; pl. 2. f. 4, 4a. 1941.

Based on *F. varia* var. [subsp.] *pirinensis* Achtaroff.

Festuca alpigena Hoppe, Flora 1: 329. 1818, nom. nud.

Europe

Festuca alpina Suter, Fl. Helv. 1: 55. 1802.

"Frequens in altioribus alpiibus: Gemmo, Javernaz,
Fouly, Enzeindaz, Richard, sur Champ. 1442."

Switzerland

Festuca alpina Host, Icon. Gram. Austr. 4: 36. pl. 63.
1809. Not Suter, 1802.

"In subalpinis alpinis Tyrolis."

Austria

Festuca alpina var. *Briquetii* St.-Yves ex Litardiere,
Contr. Étude Fl. Corse, Bull. Soc. Sci. Hist. Nat.
Corse ex Bull. Soc. Hist. Nat. Afrique Nord. 13: 220.
1922.

Corsica

Festuca alpina var. *Dyris* Maire & Trab. Bull. Soc. Hist.
Nat. Afr. Nord 13: 219. 1922.

"---Atlantis Majoris (Dyris):---Orika monte Taohdirt
---3300-3600---" "Typus in Herbario Universitatis
Algeriensis et in Herbario St.-Yves."

Africa

Festuca alpina var. *pallida* Schur, Enum. Fl. Transsilv.
785. 1866.

"---Arpaser Gebirgen. 5000' Juli 1847."

Rumania

Festuca alpina var. *prolifera* Schur, Enum. Fl. Transsilv.
785. 1866.

"Auf dem Schuler bei Kronstadt 5000'. Kalk. Juli."

Rumania

Festuca alpina f. *puberula* Hack. Verh. Zool. Bot. Ges.
Wien 58: 102. 1908.

"(v. Mandel-Mazzetti leg. 1902)"

Tirol: "im Sellraintal, 2600 m."

Austria

Festuca alpina var. *subviolacea* Ducommun, Taschenb.
Schweiz. Bot. 879. 1869.

"*F. Gaudini* Kth." cited.

[Switzerland]

Festuca alpina var. *viridis* Ducommun, Taschenb. Schweiz.
Bot. 879. 1869.

[Switzerland]

Festuca alpina var. *vivipara* Schur, Enum. Fl. Transsilv.
785. 1866, as syn. of *F. alpina prolifera* Schur

Europe

Festuca altaica Trin. in Ledeb. Fl. Alt. 1: 109. 1829.

"*F. altaica* Ledeb. Io. Fl. Fl. ross. alt. illustr.
t. 228."

In summa alpe ad fontem fl. Aojulac rarissima
B[unge]"

[Siberia]

Festuca altaica ssp. *arizonica* (Vasey) St.-Yves,
Candollea 2: 267. 1925.

Based on *F. arizonica* Vasey

= *F. arizonica* Man. U. S.

Flagstaff, Arizona Tracy 118

Festuca altaica ssp. *arizonica* var. *genuina* subv. Hallii
(Vasey) St.-Yves, Candollea 2: 271. 1925.

(Man. disregards var. *genuina*)

Based on *Melica* Hallii Vasey

Colorado

= *F. scabrella* Man. U. S.

Colorado (Hall & Harbour 621)

Festuca altaica (ssp. *eu-altaica*) var. *aristulata*
St.-Yves, Candollea 2: 273. 1925.

(Man. disregards subsp. *eu-altaica*)

Based on *Bromus* Kalmii var. *aristulatus* Torr.

= *F. californica* Vasey Man. U. S.

Mark West's Creek, California Bigelow

Europe

Festuca amethystina ssp. *inarmata* (Schur) Kraj. Veröff-
entl. Geobot. Inst. Bübel 19: 29. 1933.

Based on *F. inarmata* Schur
Rumania

Festuca amethystina var. *Kummeri* Beck, Wiss. Mitt.
Bosn. Herzeg. 9: 449. 1904.

Based on "[*F. violacea* var. *mutica* Kumm. u. Sendt.
in 'Flora', [32]:756. 1849]

Europe

Montis Vlassich [Bosnia. Sendtner]

Festuca amethystina var. *marmarossica* Zapal. Consp. Fl.
Galio. Crit., Rozpr. Wydz. Mat.-Prz. Akad. Umiej. etn.
Krakow III. 4, B. 178. 1904.

"In rupibus calcareis alpinis et subalpinis Marmaros-
siae; Gropa Dzuli in Montibus Polonicis, Pietrosu in
Alpibus Rodnensibus (Zapacowicz)..."

Galicia, Poland

Festuca amethystina var. *norica* (Hack.) St.-Yves, Bull.
Soc. Bot. France 71: 125. 1924.

Based on *F. rubra* ssp. *violacea* var. *norica* Hack.
France

Festuca amethystina var. *norica* subvar. *tatrae* (Czako)
St.-Yves, Rev. Bret. No. 2: 78. 1927.

Presumably based on *F. amethystina* var. *tatrae* Czako
Hungary

Festuca amethystina ssp. *orientalis* Kraj. Acta Bot.
Bohem. 9: 211, 214. pl. 6. f. 10. 1930.

"? *F. amethystina* a) *marmarossica* Zapal.
? *F. inarmata* Schur" cited.

"*Rossia subcarpathica*: Svidovec: supra rivulum Panský
.....montis Bliznica, ...leg. Domin & Deyl. II. VIII.
1929.

[Cech. Exsicc. Cent. II no. 127]

Europe

Festuca amethystina var. *Ritschlii* Hack. in Spribille,
Nat. Ver. Posen Zeitschr. Bot. 2: 48. 1895.

Germany

Festuca amethystina var. *subaristata* Schur, Enum. Fl.
Transsilv. 789. 1866.

"(Schur, sert. n. 3189, a.) -- Auf sandigen Hügeln.
Boiza."

[Rumania]

Festuca amethystina var. *tatrae* Czako, Jahrb. Ungaris.
Kerpath. Ver. 15: 271. 1888.

[cited by St.-Yves as Czako, Mag. Hung. Euk. & Hevk.
p. 246. 1888]

"Im Drechslerhäuschen, ebenso auf dem ohoos. Bei
Hradek, hier schon von Kitaibel (Mscrp.) gefunden."
Tátra.

Hungary

Festuca amherstiana Nees ex Royle, Illus. Bot. Him.
Mal. 417. 1839, nom. nud.

India

Festuca amophyla Dum. Obs. Gram. Belg. 105. 1823.

"Communicavit amicis. Olislagers."

Belgium

Festuca ampla Hack. Cat. Gram. Portug. 26. 1880.

Based on "*F. ovina* Brot. nom L."

Hispania

Festuca ampla var. *dolosa* St.-Yves, Bull. Soc. Bot.
France 71: 121. 1924.

"Habit. -- Portugal: Sierra de Monchique: in locis
apricis.... inter Ulices et Grenistas;" d'Escayras
Fl. des Algarves (herb. Mus. Paris)."

Festuca ampla var. *effusa* (Hack.) St.-Yves, Bull. Soc.
Bot. France 71: 121. 1924.

Based on *F. duriuscula* var. *effusa* Hack.
Puerto de Despeñaperros; [Spain]

Festuca ampliflora Doell in Mart. Fl. Bras. 23: 116.
1878.

"Habitat in prov. Minarum (Widgren) e - gr - ad
Caldas (Regnell III. n. 1409)."

Brazil

Festuca amplissima Rupr. ex Hemsl. Biol. Centr. Amer.
Bot. 3: 581. 1885, no description; ex Fourn. Mex.
Fl. 2: 125. 1886.

"Rupr. in Bull. Acad. roy. Brux IX, n. 8." cited,
this name only.

"Secus rivulos pr. Vaqueria del Jacal in monte Oriza-
bensí, 10000' (Gal. n. 5766, Liebm. n. 506, 507, 508,
516); ----"

Mexico

Festuca amplissima var. *elliptica* Beal, Grasses N. Amer.
2: 603. 1896.

"Mexico (Chihuahua), Pringle 1438."

= *F. ovina* var. *elliptica* (Beal) Piper (type)

Festuca amoepe Kit. Linnaea 32: 314. 1863.

"Pauli Kitaibelii Additamenta ad Floram Hungaricam."

Hungary

Festuca andicola H.B.K. Nov. Gen. & Sp. 1: 153. 1816.

"Crescit in excoelsis frigidis regni Quitensis, in
devexis montis Boliche inter Tulcan et Chumban, alt.
1790 hex."

Ecuador, Andes Gr.

Festuca angusta (Nees) Aschers. & Graebn. Syn. Mitteleur.
Fl. 2: 460. 1900.

Based on *Solerochloa angusta* Nees
Ekron, So. Africa

Festuca angustata Griseb. Abh. Ges. Wiss. Göttingen
24: 288. 1879.

"S." = Salta

"S.: Nevado del Castillo."

Argentina

Festuca anomala Hochst. Flora 38: 330. 1855.

"Lecta in caumine montis alpini Baehit.... in pro-
vincia Simen cum *Danthonia depressa*.... a Schimper
lectis -- Hb. Buchingeri nr. 209.)."

Abyssinia

Festuca antarctica Spreng. Fl. Pugill. 2: 23. 1815.

"Habitat in insulis novi anni et statuum terra."

[Cites *Dactylis caespitosa* Forst. ...Willd. ...Pers.]

[Tierra del Fuego]
(New Year Isl.)

Festuca antarctica (D'Urv.) Kunth, Rev. Gram. 1: 132.
1829. Not Spreng. 1815.

Based on "*Arundo antarctica* D'Urv."
Malouines, Falkland Isls.

Festuca anthoxanthia J. E. Smith, Trans. Linn. Soc.
1: 115. 1791, as syn. of *Festuca spadicea* L.
Europe

Festuca antuensis (Trin.) Steud. Syn. Fl. Glum.
1: 304. 1854.

Based on "*Vulpia antuensis* Trin."
Andes de Antuco, Chile, (Poeppig)

Festuca apemina De Not. Prosp. Fl. Ligust. 56. 1846;
Mem. R. Acad. Sci. Torino II. 9: 502. 1848.

"In sylvis montanis opacis Liguriae orientalis, Monte
Cottro, S. Stefano d'Aveto, Traverso."

Italy

Festuca apemina forma *elattor* Zapal. Consp. Fl. Galio.
Crit., Rozpr. Wydz. Mat.-Prz. Akad. Umiej. etn.
Krakow III. 4, B. 182. 1904.

[misspelled elattor]

"Pietrosu w Alpach Rodnenskich (Zapacowicz)."

[Galicia, Poland]

Only descr.: "culmus 1-10 m altus, panicula 20 cm.
longa, folia culmea ad 30 cm. longa, ad 7 mm. lata."

Festuca aquatica Bosc ex Roem. & Schult. Syst. Veg.
2: 615. 1817, as syn. of *Diplachne fascicularis*
Beauv.

= *Leptochloa fascicularis* Man. U. S.

Festuca aquatica (L.) Mutel, Fl. Franc. 4: 115. 1837.

Poa L. [*Poa aquatica* L.]

= *Glyceria aquatica* (L.) Wahlenb.

Europe

Festuca arabica Hort. ex Link, Linnaea 17: 402. 1847,
as syn. of *Vulpia subciliata* Link

= *Festuca*
Greece

Festuca arotica Schur, Enum. Fl. Transsilv. 799. 1866,
as syn. of *F. australis* Schur.

Europe

Festuca arduenna Dum. Obs. Gram. Belg. 103. pl. 3. f. 11
1823.

"Belgium"

Festuca arenaria Lam. Tabl. Encycl. 1: 191. 1791.

"E. Magellania, in arenis maritimis. Commers."

[*Poa arenicola* St.-Yves based on this]

Region of Magellan, S. Amer.

Festuca arenaria Osb. in Retz. Suppl. Fl. Scand. 4.

1805. Not Lam. 1791.

Scandinavia

Festuca arenaria Kit. ex Steud. Nom. Bot. ed. 2. 1: 628.

1840, as syn. of *F. tenuifolia*. Not Lam. 1791.

Festuca arenaria var. *glabrata* Lebel. ex Gren. & Godr.

Fl. France 3: 575. 1855.

"Hab. Commun dans les sables maritimes des côtes de l'Océan, depuis Bayonne jusqu'à Dunkerque."

France

Festuca arenaria var. *halmyris* (Mab.) Husnot, Gram.

Fr. Belg. 63. 1899.

Based on "*F. halmyris* Mab."

Saint-Jacut, Dinard, Rotheuse.

[France]

Festuca arenaria var. *sabulicola* Husnot, Gram. Fr.

Belg. 63. 1899.

"*F. sabulicola* L. Duf." [Husnot doubtless refers to *F. sabulicola* Dufour 1825. There is no *F. sabulicola* L.]

France

Festuca argaea Boiss. & Bal. ex Boiss. Fl. Orient.

5: 609. 1884, as syn. of *Poa violacea* var. *argaea* Boiss. & Bal.

Asia Minor

Festuca argentea Savi, Ann. Bot. Usteri 24: 49. 1800.

Basis of *Sesleria argentea* (Savi) Savi, 1808.

Etrusca, Italy Europe

Festuca argentina (Speg.) Parodi, Physis 11: 498. 1935.

Based on *Poa argentina* Speg.

Argentina

Festuca arida Elmer, Bot. Gaz. 36: 52. 1903.

Valid

2196 L. F. Henderson, May 1892. Herb. A.D.E. Elmer.

No. Yakima Wash. Man. U. S.

(This may be reducible to *F. eriolepis* Desv. a Chilean species. in Gay Fl. Chil. 6: 428. 1853)

Festuca aridorum Larrang. Esorit. Larranaga 2: 34. 1923.

Publ. Inst. Hist. Geogr. Uruguay 2: 46. 1923.

Described but no specimen cited.

Uruguay

Festuca arietina Klokov, Not. Syst. Herb. Inst. Bot.

Komarov Acad. Sci. U.R.S.S. 12: 57. 1950.

Typus speciei, RSS., Ucr. dit. Charjkw., distr. Zmijev, prope Stationem biologiam Donetskiam, in querceto-pineto, 6. VI. 1941, legit Kindjok; in Herbario Institutii Botanici Ac. Sc. U.R.S.S. conservatur.

Russia Eur.

Festuca aristata K. Koch, Linnaea 21: 412. 1848.

"In den Wäldern der Herrschaft Kuba in Daghestan auf angeschwemmtem Boden und auf Kalk."

S. E. Russia Europe

Festuca aristulata (Torr.) Shear ex Piper, Contr. U. S.

Nat. Herb. 10: 32. 1906.

Based on *Bromus Kalmii* var. *aristulatus* Torr.

Mark West Creek, California, Bigelow.

= *F. californica* Vasey Man. U. S.

Festuca aristulata ssp. *parishi* Piper, Contr. U. S.

Nat. Herb. 10: 33. 1906.

5036 S. B. Parish, June 20, 1901.

Mill Creek Falls, San Bernardino Mts., Cal.

= *Festuca californica* Vasey Man. U. S.

Festuca arizonica Vasey, Contr. U. S. Nat. Herb.

1: 277. 1893.

"Type specimen collected by S. M. Tracy near Flagstaff, Arizona in 1887 (No. 118)."

Man. U. S.

Festuca articulata De Not. ex Parl. Fl. Ital. 1: 455.

1848, as syn. *F. elatior* L.

Italy

Festuca arundinacea Schreb. Spic. Fl. Lips. 57. 1771.

"In prato acclivi hinter dem Biniz, loco humido."

Man. U. S.

Germany

Festuca arundinacea Vill. Prosp. Fl. Dauph. 17. 1779;

Fl. Delph. [Gillib. Syst. Fl. 1:] 8. 1785; Hist. Fl.

Dauph. 1: 262. 1786.

"Rai Syn. ed. 3. 411." cited.

Europe

Festuca arundinacea Liljeb. Utk. Svensk Fl. ed. 2.

47. 1798, in Scandinavian.

"Motala elf, vid Norsholm. O. Gothl."

Sweden

Festuca arundinacea var. *aristata* Schur, Enum. Fl.

Transsilv. 798. 1866.

"An Gräben und Flussufern bei Hermannstadt: Lazarethwiese, Fleischhackerwiese Neppendorf gegenüber."

Rumania

Festuca arundinacea var. *aristata* Regel, Acta Hort.

Petrop. 7: 596. 1881. Not Schur. 1866.

"In montibus karataviois prope Karagus et Kulatschok (A. Regel)..." first cited.

Central Asia

Festuca arundinacea var. *aristata* Gremli, Excursionsfl.

Schweiz Ed. 9. 437. 1901. Not Schur. 1866.

"Feuchte Wiesen; Ufer; verbr.; b. Kreuzlingen. 6."

Europe

Festuca arundinacea var. *aspera* (Mutel) Aschers. &

Graebn. Syn. Mitteleur. Fl. 2: 509. 1900.

Based on *F. elatior* var. *rigida* c. *aspera* Mutel, Fl. Franc. IV. 110. t. 88. f. 620. 1838.

France

Festuca arundinacea subv. *Baltica* Aschers. & Graebn.

Syn. Mitteleur. Fl. 2: 507. 1900.

"So am Ostseestrande von Schleswig - Holstein (Hadersleben 'Frah!!)'"

Germany

Festuca arundinacea var. *decolorans* (Reichenb.) Mert. &

Koch ex Lojac. Fl. Sicul. 3: 347. 1909.

"Reichb. Ic. 136. f. 319!"

Based on *Bromus decolorans* Reichenb.]

Switzerland

Festuca arundinacea var. *fasciculata* Sonder, Fl.

Hamburg. 64. 1851.

Hamburg

Germany

Festuca arundinacea ssp. *fenas* (Lag.) Borrm. Repert.

Sp. Nov. Fedde 25: 330. 1928.

Based on *F. fenas* Lag.

Spain

Festuca arundinacea f. *gigantea* Junge, Jahrb. Hamburg

Wissenschaft Anstalt 22: Beih. 3: 66. 1905.

"Wiesen an der Alster gegenüber Wellingsbüttel."

Schleswig-Holstein Europe

Festuca arundinacea f. *gigantea* f.m. *vivipara* Junge,

Jahrb. Hamburg Wissenschaft Anstalt 22: Beih. 3: 66. 1905.

Hamburg, Germany

Festuca arundinacea var. *glaucescens* Boiss. Voy. Bot.

Espagne 2: 675. 1839-45.

"In pratis argillosis regionis calidae superioris, inter Alhaurin et Coin."

Spain

Festuca arundinacea var. *incrustata* Charp. ex Reichenb.

Icon. Fl. Germ. Helv. ed. 2. 1: 40. pl. 136. f. 319. 1850, brief descr.

"*Festuca decolorans* Mert. & Koch; *Bromus decolorans* Reichenb." cited. [same plate for *F. decolorans* in ed. 1834, as is given for above variety]

[Switzerland]

Festuca arundinacea var. *interrupta* (Desf.) Cess. & Dur.

Expl. Sci. Alger 2: 170. 1855.*

Based on *F. interrupta* Desf.

* Acc. to Stearn, sheets 16-20 [err. by Stearn for 30 (i.e. pp. 121-241 [err. by Stearn for 240]) Vol. 2 betw. Apr. 1855 and Oct. 1855.]

Africa

Festuca arundinacea var. *loliacea* Lojac. Fl. Sicul.

3: 347. 1909.

"Palermo Herb. Pau!"

Sicily

Festuca arundinacea f. *mediterranea* (Hack.) Richt. Fl.

Eur. 1: 102. 1890.

Based on *F. elatior* ssp. *arundinacea* var. *genuina* subv. *mediterranea* Hack.

Europe

Festuca arundinacea var. *mediterranea* Hack. ex Batt. & Trab. Fl. Alger 2: (Monoc.) 216. 1895.
[subvar. in Hack. Monog. 154. 1882]

"C.C. Dans le Tell et la région montagnaise."
[Algeria]

Festuca arundinacea var. *mediterranea* Hack. ex Husnot. Gram. Fr. Belge 65. 1899.

[Basis not mentioned, presumably *F. elatior* ssp. *arundinacea* var. *genuina* subvar. *mediterranea* Hack.]
"--region méditerranéenne"
Europe

Festuca arundinacea var. *mucronata* Schur, Enum. Fl. Transsilv. 798. 1866.
Transsilvania
Rumania

Festuca arundinacea var. *multiflora* Sond. Fl. Hamburg 64. 1851.
same f. *multiflora* Sonder in Junge, Jahr. Hamburg Wissenschaft. Anstalt 22: Beih. 3: 66. 1905.
Hamburg, Germany

Festuca arundinacea var. *multiflora* Regel, Ind. Sem. Hort. Petrop. 29. 1863, nom. semi-nud.; 1866: 77. 1867, descr.
"Spec. in Herb. H. Bot. Petrop."

Festuca arundinacea Schreb. var. *multiflora* Regel, Bull. Soc. Nat. Moscou (Sect. Biol.) 41: 288. 1868.
Not Sond. 1851.
"Im südlichen Altai bei den Saleirschen Gruben.... (Ludwig)
Siberia

Festuca arundinacea var. *mutica* Fedtsch. Bull. Jard. Bot. Pierre Grand 14(Suppl. 2): 85. 1915, nom. nud.
U.S.S.R.

Festuca arundinacea var. *obtusiflora* Schur, Enum. Fl. Transsilv. 798. 1866.
Transsilvania
Rumania

Festuca arundinacea subv. *oligantha* Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 507. 1900.
Based on *F. elatior* ssp. *arundinacea* var. *genuina* subv. *pauciflora* Hack. [Hackel cites "*F. arundinacea* var. *pauciflora* Hartm." but Aschers & Graeb. cite "Hackel nicht Hartm."
Europe

Festuca arundinacea var. *orientalis* Richt. Fl. Eur. 1: 102. 1890.
Festuca orientalis Kern, ap. Hack. cited as synonym.
Europe

Festuca arundinacea var. *pauciflora* Hartm. Handb. Skand. Fl. ed. 4. 38. 1843.
"Uppl. på Holmar vid Ångskär i Hollnäs Sn. Gefle på Limön."
Scandinavia

Festuca arundinacea var. *pauciflora* Anderss. Fl. Scand. Gram. 18. 1852.
Scandinavia

Festuca arundinacea subv. *polyantha* Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 507. 1900.

Based on *F.* "multiflora Hack. [1882] nicht Sond."
Europe

Festuca arundinacea var. *pseudo-elatior* Cogn. (1st Herb. Glum. Belg. fasc. III. no. 230) Thiel. Bull. Soc. Bot. Belg. 12: 212. 1873.

"d'échantillons recueillis par l'inventeur a'Haeseyok (Limbourg)."
[Belgium]

Festuca arundinacea var. *spuria* (Hack.) Hayek, Repert. Sp. Nov. Fedde Beih. 30: 290. 1932.

Based on "*F. elatior* var. *F[enas]* subvar. *spuria* Hack. Mon. Fest. 157."
Croatia Europe

Festuca arundinacea var. *strictior* (Hack.) Richt. Fl. Eur. 1: 102. 1890.

Based on *F. elatior* ssp. *arundinacea* var. *genuina* subv. *strictior* Hack.
England

Festuca arundinacea var. *strictior* Hack. ex Druce, List Brit. Fl. 83. 1908.
No basis nor description given.
F. elatior subsp. *arundinacea* subv. *strictior* Hack. "*F. elatior* X *genuina* Syme Engl. Bot. 11: 151. T. 1789" cited by Hack.
England

Festuca arundinacea var. *subalpina* (Hack.) Richt. Fl. Eur. 1: 102. 1890.
Based on *F. elatior* subsp. *arundinacea* var. *genuina* subv. *subalpina* Hack.
Europe

Festuca arundinacea var. *subaristata* Schur, Enum. Fl. Transsilv. 798. 1866.
Transsilvania
Rumania

Festuca arundinacea var. *uechtritziana* (Wiesb.) Beck, Fl. Nieder-Oesterr. 1: 96. 1890.
"Wiesb....als Art." [*F. uechtritziana* Wiesb.]
Austria

Festuca arundinacea f. *m. vivipara* Junge, Jahrb. Hamburg Wissenschaft. Anstalt 22: Beih. 3. 66. 1905.
"Elburfer" [Elbe bank]
Schleswig-Holstein

Festuca arundo Hook.f. Fl. Antarot. 381. 1847.
Based on *Arundo alopecurus* Gaudich.
Ils. Malouines - Falkland Ils.

Festuca Aschersonianiana Dörf. Bot. Centralbl. 32: 651. 1911.
Notice of "Herbarium normale. Cent. LIV and LIV. (Wien. III. Barichg. 36. 1911)."
"(= *F. arundinacea* X *elatior* (Schweden)" no descr.

Festuca askelofiana Schult. Mant. 2: 394. 1824.
Based on *F. arenaria* Askelof. Not Lam."
Holland

Festuca aspera Vair. in Lam. Encycl. Suppl. 2: 635. 1812.

= *F. scabra* Vahl. 1791.
Based on "*Festuca scabra* Vahl."; this valid Vahl, 1791.
Same Labill. 1804. Not Vahl
Lag. 1816.
Cape Good Hope Africa

Festuca aspera (L.) Mérat, Nouv. Fl. Paris ed. 2. 2: 19. 1821.
(ogmb. also made by Mert. & Koch, Deutschl. Fl. ed. 3. 1: 672. 1823.)
Based on "*Bromus asper* Lin. Suppl. 111."
Europe
"Anglia, Germania, Helvetia"

Festuca asperata R. A. Phil. Linnæa 33: 296. 1864-65.
"Prope Illapel" ab orn. Landbeck reperta."
Chile

Festuca asperima Link, Hort. Berol. 2: 270. 1833.
"Tauria"
Russia

Festuca asperima Hornem. ex Steud. Nom. Bot. ed. 2. 1: 628. 1840, as syn. of *Poa nemoralis*

Festuca asperula Opiz, Seman. Hostl. České. 44. 1852.
nom. nud.
Bohemia

Festuca asperula Vick. Contr. N. S. W. Nat. Herb. 1: 12. 1939. Not Opiz, 1852. nom. nud.

"New South Wales: Puddledook, 14 mi. north-east of Armidale, 4,000 feet, on granite soil, Rev. E. N. McKie, No. 611, 5.12." 1930. (Type K)
[K The Herbarium, Royal Botanic Gardens, Kew
Australia

Festuca asthenica Hook.f. Fl. Brit. Ind. 7: 354. 1896.
"Kashmir....Clarke, Duthie."
India

Festuca atlantica Dur.-Jouve ex Litard. & Maire in Maire, Mem. Soc. Sci. Nat. Maroc. 15: 55. 1926, nom. nud.
Atlantis *algerici* *incola*.
Algeria

Basis of *F. atlantica* var. *eu-atlantica* Litard. & Maire.

Festuca atlantica var. *eu-atlantica* Litard. Maire. in Maire, Mem. Soc. Sci. Nat. Maroc. 15: 55. 1926.
Atlantis *algerici* *incola* [Humbert, Maire and others in 1925]
[Algeria]
= *F. atlantica* Duv.-Jouve, sensu stricto.

Festuca atlantica var. *eu-atlantica* f. *glabrivaginata* Maire & Weiller in Maire, Fl. Afrique Nord 3: 169. 1955. "Type de l'espèce."

Festuca atlantica var. *eu-atlantica* f. *pubivaginata* Maire & Weiller in Maire, Fl. Afrique Nord 3: 169. 1955.
"N. nom. (f. *vaginis pubescentibus* St.-Yves, Candolle 1: 45.)" 1922.

Festuca atlantica var. *oxyphylla* Litard. & Maire in
Maire, *Mém. Soc. Sci. Nat. Maroc* 15: 54. 1926.

"Hab. in Atlantis Majoris monte Eriouz supra oppidum
Ansmiz, ... nec non in lapidosis schistaceis ejusdem
montis ad Tizi-n-Zit (Humbert & Maire) [in 1925]
Typus in Herb. Univers. Algeriensis, in Herb. Inst.
Imper. Scient. Babatensis et in Herb. R. de Litar-
diere."
Morocco

Festuca atro-rubens Wulf. Fl. Nor. Phan. ed. Penzl. &
Oraf 151. 1858.

Cites: *Festuca scheuchzeri* Gaud.

No loc. cited. [Norica]

France

Festuca attenuata (Parl.) Guss. Fl. Sic. Syn. 2: 886.
1844.

Based on "*Vulpia attenuata* Parl."

Italy

Festuca aوتا Krecz. & Bobr. in Kom. Fl. U.R.S.S.
2: 518, 767. 1934.

"*F. rubra* var. *paludicola* Kom.
F. rubra var. *barbata* ib." cited.

"Spec. typ.: Ins. Bering. 25 VIII 1894,
N. Grebnitzky."

North Pacific

Festuca aurasiaca Batt. & Trab. Fl. Alger. 2: (Monoc.)
215. 1895.

"Les montagnes de l'Aurès: Lambese, Sgag."

"*F. [rubra L.] aurasiaca*"

[species or subspecies or var. ?]

Algeria

Festuca aurata Gaudin, *Agrost. Helv.* 1: 234. 1811.

"Etiam in pascuis alpinis editis invenit amiciss.
Lud. Thomas et nobiscum communicavit. A la vallée
d'Hermance, au M. Sillon, à la vallée d'Anniviers."

Switzerland

Festuca aurea Lam. Fl. Franç. 3: 598. 1778.

"Cette belle plante m'a été communiquée par M.
Liottard neveu, qui la trouvée dans les prés des
montagnes en Dauphiné."

France

Festuca auriculata Drobov, Trav. Mus. Bot. Acad. Sci.
Petrograd 14: 159. 1915.

"Hab. Prov. Jakutsk, distr. Kolymsk, Mons. Pantele-
jewskaja sopka (Schulga, 1905, No. 155. Hb. H. P.)."

Siberia

Compared with *F. ovina* subsp. *frigida* var. *genuina*
Hack.

Festuca australis Nees ex Steud. Syn. Fl. Glum.
1: 304. 1854.

"*F. tenella* Nees....non Willd. ...Brasil."

[annual]

Festuca australis Schur, Enum. Fl. Transsilv. 798.
1866. Not Nees 1854.

"Auf Felsen zwischen Gebfisch an nördlichen Abhängen
der Alpen und auf Triften zwischen Deschampsia.
6000'. Fogaraser Alpen: Fiscu-Lauti Fiscu-Sirna;
Arpaser Alpen: Podruschel, Arpas mare. Glimmerschie-
fer."

Rumania

Festuca austriaca Hack. Oesterr. Bot. Zeitschr.
28: 349. 1878.

"Habitat in silvis et silvarum marginibus Austriae
inferioris: prope oppidum St. Poelten (copiose ad
Badelberg, Mechtters) Melk et in monte Geisberg prope
Perchtoldsdorf."

Austria

Festuca baetica (Hack.) Richt. Fl. Eur. 1: 103. 1890.

Based on *F. spadiosa* var. *baetica* Hack.

Spain

Festuca baffinensis Polunin, Bull. Nat. Mus. Canada
92 (Biol. Ser. 24): 91. pl. 3. 1940.

"Type in Gray Herbarium, Harvard University, cotypes
in National Herbarium of Canada, Ottawa, and in the
British Museum, London: Nicholas Polunin, Pond Inlet,
Baffin Island, No. 706, Sept. 12, 1934."

Festuca baicalensis (Griseb.) Krecz. & Bobr. in Kom.

Fl. U.R.S.S. 2: 518, 768. 1934.

Based on *F. rubra* var. *baicalensis* Griseb.

"*F. nigrescens* Turcz! Cat. Baikal. No. 1305." cited.

Siberia

Festuca balearica Zuccagni, Obs. Bot. Cent. 1: 13. No. 26
1806. Hort. See same 1809.

Italy?

Festuca balearica Quatt. ex Zuccagni in Roemer, Coll.
Bot. 125. 1809.

"A Cl. Quattero in Academia Farmensi olim Botanices
Professore, sub indicato nomine semina hujus plantae
missa fuere."

Festuca barbata L. Diss. Demonstr. Fl. in Amon. Acad.
3: 400. 1756.

"Loefl. Habitat in Hispania."

= *Schismus barbatus* (L.) Thell. Man. U.S.

Spain

Festuca barbata Schrank, Prim. Fl. Salzburg. 46. 1792.
Not L. 1756.

Austria

Festuca barbata Moench, Meth. Fl. Suppl. 63. 1802.
Not L. 1756.

"h. H." [Marburgi]

Austria

Festuca barbata Gaudin, Fl. Helv. 1: 274. 1828.
Not L. 1756.

"Amiciss. L. Thomas...in insula Ischia prope
Neapolin legit."

Italy

Festuca barbata var. *Danthonii* (Aschers. & Graebn.)
Hack. & Briq. Ann. Conserv. Jard. Genève 10: 79. 1907.

Based on *Festuca Danthonii* Aschers. & Graebn.

près Montpellier. [France]

Festuca barbata var. *imberbis* Hack. & Briq. Ann. Conserv.
Jard. Genève 10: 81. 1907.

"La variété a glumes glabres (*F. ambigua* Le Gall)
devient, dans notre nomenclature la *F. barbata* var.
imberbis (Vis.) Hack. & Briq."

Based on *Festuca ciliata* var. *imberbis* Vis.

Dalmatia Europe

Festuca barbiflora Opiz, Seznam. Rostl. Ceske. 44. 1852.
nom. nud.

Bohemia

Festuca barrazii Muñoz Pizarro, Agr. Tecn. Chile 8: 83.
1948.-fig. 13-15.

"C. Muñoz A. Coronel No. 1393. Bosque de Fray
Jorge" --approx---500 M. 25-30 Nov. 1940" (S. G. O.
57992" Chile, Prov. Coquimbo p. 85.) "Typus"

Named for Oswaldo Barraza Quiroga, Director General
de Agricultura

Festuca barrelieri Ten. Prodr. Fl. Napol. 9. [1826]

Italy

Festuca bartherei Timb. Bull. Soc. Hist. Nat.
Toulouse 4: 183. 1870.

"au sommet de Cagire, en allant vers la Croix."

France

List
Festuca Basnia Ham. ex Wall. Cat. n. 3805. 1831.
C. D. nom. nud.

India

Festuca baumgarteniana Schur, Enum. Fl. Transsilv. 787.
1866, as syn. of *F. duriuscula* var. *hirsuta* Schur.

Europe

Festuca beckeri (Hack.) Fedtsch. Bull. Jard. Bot.
Pierre Grand 14 (Suppl. 2): 84. 1915.

Presumably based on *F. ovina* var. *beckeri* Hack.

Rossias australis pr. Sarepta (Becker)

Europe

Festuca bellardi Schott. ex Steud. Nom. Bot. ed. 2.
1: 628. 1840, as syn. of *F. varia*
Europe

Festuca bellula Hegel, Acta Hort. Petrop. 7: 594. 1881.

"Ad fontes calidos Araschan bulak in Turkestanie
occidentali (Krause)."

Turkestan

Festuca Benthiana Vick. Contr. N. S. W. Nat. Herb.
1: 13. 1939.

Based on "*F. duriuscula* var. *aristata* Benth. Fl.
Austral. vii. (1878) p. 664."

"South Australia: Barossa Ranges, F. Mueller (Type K)
K = The Herbarium, Royal Botanic Gardens, Kew

Festuca berteroniana Steud. Syn. Fl. Glum 1: 311. 1854.

"Hrbr. Bertero nr. 999. Chili." T

Festuca biaristata Ehrh. ex Boiss. Fl. Orient. 5: 630.
1884, as syn. of *Vulpia inops* Boiss.

Near East

Festuca bicornis Schreb. ex Steud. Nom. Bot. Ed. 2.
1: 628. 1840, as syn. of *Glyceria acutiflora* Torr.

Festuca biflora Steud. Syn. Fl. Glum 1: 428. 1855.

"Hrbr. Lechler nr. 1218. Ad lacus salsos Patagoniae

X Festuca bififormis Vetter, Verh. Zool. Bot. Ver. Wien
65: 150. 1915.

"*F. rubra* X *F. pseudovina*" cited.
Liesing [Austria]

Festuca billardieri Steud. Syn. Fl. Glum 1: 304. 1854.

Type loc.: "N. Holl."
Australia

Festuca binodis (Haek.) Lillo, Fl. Prov. Tucuman 55.
1916.

Festuca uninodis f. *binodis* Haek. [ined.] cited
[Haek. 1906]
Argentina

Festuca blepharogyna Ohwi, Acta Phytotax. & Geobot.
1: 66. 1932, as syn. of *Leiopoa blepharogyna* (Ohwi)
Ohwi, Acta Phytotax. & Geobot. 4: 33. 1935.

Based on *Leiopoa blepharogyna* Ohwi

Festuca blepharogyna Ohwi mes. in Hb. Univers. Imp.
Kyoto, as syn.

Korea borealis Montis Setsurei (1930, J. Ohwi,
n. 1861. Typus speciei)

Festuca blepharophora Roem. & Schult. Syst. Veg. 2: 728.
1817.

Based on "*F. latifolia* Roth, nov. spec. plant. Mss.
F. ciliaris Heyne" "not *F. latifolia* Decand" 1813.
Hab.: "In India orientali"

Festuca boissiei Janka, Oesterr. Bot. Zeitschr. 14: 341.
1864.

Based on "*F. altissima* Boiss. non All."
Spain

Festuca bonariensis Lam. Tabl. Encycl. 1: 192. 1791.

"*E. Bonaria*. Commers."
Bonaire Isl. Dutch W. I.

Festuca borbonica Spreng. Syst. Veg. 1: 352. 1825.

"Ins. Mascaren. (*F. caespitosa* W. herb.)"....
Indian Ocean, east of Africa

Festuca borderii Hack. Bot. Centralbl. 8: 406. 1881,
without descr.; (Hack.) Richt. Fl. Eur. 1: 97. 1890
(based on *F. ovina* subsp. *borderii* Hack.)

"Central- und Ost-Pyrenäen (alp. Region?)
Saint-Yves (Bull. Soc. Bot. Fr. 8: 61. Jan. 1908)
gives diagnosis and anatomical illust. distinguishing
F. borderii from *ovina*.
Europe

Festuca borealis (Trin.) Mert. & Koch in Roehl. Deutsch.
Fl. ed. 3. 1²: 664. 1823.

Based on *Donax borealis* Trin.

Festuca Bornmuelleri (Haek.) Kreez. & Boehr. in Kom.
Fl. U.R.S.S. 2: 510. 1934.

Based on *F. ovina* ssp. *Bornmuelleri* Haek.
Persia: Elbrus. (J. & A. Bornmuller Juin, 1902)

Festuca borreri Bab. Trans. Linn. Soc. 17: 565. 1837.

"At Harwich and in Canvey Island, Essex; and Mr.
Borrer....has observed it in various places on the
coasts of Hampshire and Sussex."
England

Festuca bosniaca Kummer & Sendtn. Flora 32: 756. 1849.

"In pratis subalpinis montis Vlassich 4500-5500'
(64.)"
Bosnia
Jugo Slavia. Europe

Festuca bosniaca var. *flavescens* Kummer & Sendtn. Flora
32: 756. 1849.

"Sendtner in Bosnia lectarum (65)"
Jugo Slavia

Festuca bosniaca var. *glauca* Kummer & Sendtn. Flora
32: 756. 1849.

"in locis aridis saxosis. (68.)"
Jugoslavia

Festuca brachyphylla Schult. Mant. 3(Add. 1): 646. 1827.

Based on *F. brevifolia* R. Br.
In Melville Island, Arctic America

Festuca brachyphylla var. *arctica* (St.-Yves) Litard.
Candollea 10: 108. 1945.

Based on *F. brevifolia* var. *arctica* St.-Yves
= *F. brevifolia* sens. strict.
Arctic America

Festuca brachyphylla var. *arctica* subv. *genuina* (St.-
Yves) Litard. Candollea 10: 108. 1945.

Based on *F. brevifolia* var. *arctica* subv. *genuina*
St.-Yves.
"Greenland: Karsuk, herb. Lange leg Rink (herb. Mus.
Paris, cited....but name = *F. brevifolia* sens.
strict.
Arctic America

Festuca brachyphylla var. *arctica* subv. *pubiculmis*
(St.-Yves) Litard. Candollea 10: 108. 1945.

Based on *F. brevifolia* var. *arctica* subvar. *pubi-
culmis* St.-Yves
Greenland; Sabine Insel, Exp. Germania (herb. Berlin)

Festuca brachyphylla var. *endotera* (St.-Yves) Litard.
Candollea 10: 108. 1945.

Based on *F. brevifolia* var. *endotera* St.-Yves
Greenland, Labr. Alaska [Amer. Gr. Nat. Herb. 470]
Wash.-Cal. and south in Rocky Mts. to Ariz.
Cites several specimens [470 = *rubra* acc. to A.C.]
North America

Festuca brachyphylla var. *flavida* Polunin, Bull. Nat. Mus.
Canada 92 (Biol. Ser. 24): 90. 1940.

"Type in Herb. Ottawa, ootype in Herb. Gray: M. O.
Malte, Lake Harbour, Baffin Island, No. 118374, 1927."

Festuca brachyphylla var. *groenlandica* Scholander. Skrift.
om Svalbard og Ishavet No 62: 72. 1934.

"collected in Akorninarmiut in S. E. Greenland, at S.
Dronning Marias Dal (leg Devold and Scholander July
24 & Aug. 12. 1932) and Finnshu (leg Devold and
Scholander Aug. 14. 1932)."
Greenland

Festuca brachyphylla ssp. *saximontana* (Rydb.) Hultén,
Acta Univ. Lund. n. ser. 38: 242. map 177b. 1942.

Based on *Festuca saximontana* Rydb.
= *F. ovina* Canada

Alberta! Vicinity of Banff, Canada. MacCalla 2331
(type in herb.) Man. U. S.
N.Y. Bot. Gard.

Festuca brachyphylla var. *utahensis* (St.-Yves) Litard.
Candollea 10: 108. 1945.

Based on *F. brevifolia* var. *utahensis* St.-Yves
= *F. ovina* Man. U. S.

Festuca brachypoda Font-Quer, Cavanillesia 1: 68. 1928.

"*Vulpia*, Iter Marocco., no. 76."

"Hab. rarissima, in monte Iguermalez (Atlante rhi-
phaeo), versus Tizzi Iffri, 1900 m. alt."

Festuca brachystachys (Haek.) Richt. Fl. Eur. 1: 104.
1890.

Based on *Festuca varia* var. *brachystachys* Haek.
Austria

Festuca brachystachys var. *pallidula* (Haek.) Richt. Fl.
Eur. 1: 104. 1890.

Based on *Festuca varia* var. *brachystachys* subvar.
pallidula Haek.
Austria

Festuca bracteata DC. Cat. Hort. Monsp. 111. 1813.

No loc. cited
Montpellier, France

X Festuca braunii Richt. Fl. Eur. 1: 103. 1890.

"(*F. elatior* X *Lolium italicum*).
Syn.: *F. loliacea* var. *aristata* A. Br."
Germany

Festuca breunia Faco. Zeitschr. Ferdinand. Tirol. III
4: 11. 1855.

"Planta quam Cl. Gaudin in flora helvetica I p. 304.
describit et ad *F. eskiam* DC. refert, eadem ac haec
nostra esse videtur. In valle Bidnaun districtus
Sterzing ad occidentem montis Brenner

Austria
[is *breunia* error for *brennia*?]

Festuca breviaristata Pilger, Bot. Jahrb. Engler
25: 717. 1898.

"Ecuador: Crescit in monte ignivomo Puntas, alt. s.m.
4400 m. (coll. equad. n. 207)." [Stübel].
2074 U.S.
[Nat. Herb.]
Grasses Ecuador, Peru & Bolivia

Festuca brevifolia Muhl. Desor. Gram. 167. 1817.
Name only, Muhl. Cat. Fl. 13. 1813.

"Habitat in Delaware, Georgia et N. Eboraco". New
York
= *Triplasis purpurea* Man. U. S.

Festuca brevifolia R. Br. Chlor. Melv. 31. 1823. Not
Muhl. 1817.

Basis of *F. brachyphylla* Schult.
= *F. ovina* var. *brachyphylla* Man. U. S.
[Melville Island]
Arctic America

- Festuca brevifolia* var. *arctica* St.-Yves, Candollea 2: 253. 1925, without descr.
[See subv. *genuina* which descr. stands for var. *arctica*]
[See also Candollea 3: 380. 1928 under *Festuca de l'Orient*]
= *F. brevifolia* R. Br.
strict sense = basis of *F. brachyphylla* Schult.
= *F. ovina* var. *brachyphylla* (Schult.) Piper
- Festuca brevifolia* var. *arctica* subv. *genuina* St.-Yves, Candollea 2: 253. 1925.
Spec. exam.--Groenland: Karsuk, herb. Lge., leg. Rink (herb. Mus. Paris....first cited.Also Colorado specs. cited.
- Festuca brevifolia* var. *arctica* subv. *pubiculmis* St.-Yves, Candollea 2: 254. 1925.
"Spec. exam.--Groenland: Sabine Insel, Exp. Germania (herb. Berlin)."
- Festuca brevifolia* var. *Czekanowskii* Drobov, Trav. Mus. Bot. Acad. Sci. Petrograd 14: 161. pl. 5. fig. 10-13, 18. 1915.
"Syn. *F. ovina* L. var. *violacea* Gaud. (Trautvetter, Fl. Sibir. borealis.--Acta H. P., V, 1877, p. 134). *F. ovina* var. *violacea* Gaud. (Trautvetter, Syllabus plant. Sibir. borealis.--Acta H. P., X, 1887, p. 540). cited.
"Hab. Prov. Jakutsk pars borealis (Coll. Czekanowski et Müller 1874, Czekanowski 1875, Bunge 1883, Nilsson 1898, Schulga 1905.)"
Siberia
Compared with *F. ovina* ssp. *brevifolia* Hack. Monogr. p. 117
- Festuca brevifolia* var. *endotera* St.-Yves, Candollea 2: 254. 1925.
Greenland, Labr. Alaska [Amer. G. Nat. Herb. 470] Wash.-Cal.-south in Rocky Mts. to Ariz.
= *F. rubra* several specimens cited.
N. America
- Festuca brevifolia* var. *utahensis* St.-Yves, Candollea 2: 257. 1925.
"Utah: Wasatch Mts., Alta, leg. M. E. D., 12 Aug. 95."
Colo. C. F. Baker 175 cited
= *F. ovina* Man. U. S.
- Festuca breviglumis* Swallen, Contr. U. S. Nat. Herb. 29: 398. 1950.
Type in the U. S. National Herbarium, No. 1307123, collected in dense oak and bamboo forest near Laguna de la Esquadra, northeast of El Copey, altitude 2,000-2,200 meters, Provincia de San José, Costa Rica, December 16, 1925, by Paul C. Standley (No. 41998).
- Festuca brevis* (Boiss. & Kotschy) Aschers., Schweinf. & Muschl. in Muschl. Man. Fl. Egypt 1: 138. 1912.
Based on "*Vulpia brevis* Boiss. & Kotschy"
Vulpia inops (Delile) Hack. nom. nud. = this
Arabia
Libani....ol. Kotschy Arabia
- Festuca brevis* var. *spiralis* (Aschers. & Hack.) Aschers., Schweinf. & Muschl. in Muschl. Man. Fl. Egypt 1: 138. 1912.
Based on "*Festuca inops*, *spiralis* Aschers and Hackel."
Egypt
- Festuca brevis* var. *subdisticha* (Aschers. & Hack.) Aschers., Schweinf. & Muschl. in Muschl. Man. Fl. Egypt 1: 138. 1912.
Based on "*Festuca inops* var. *subdisticha* Aschers. and Hackel."
Egypt
- Festuca breviseta* (DC.) Steud. Syn. Fl. Glum 1: 317. 1854.
Based on "*Triticum brevisetum* DC."
Cult. Hort. Monsp. "Patria ignota"
France
- X *Festuca brinkmanni* A. Br. Ind. Sem. Hort. Berol. 1861. App. 11. [A. Braun, App. Gen. Sp. Hort. Berol]
"(Festuca gigantea x Lolium perenne?)"
Cult. hort. Berlin
- Festuca briquetii* St.-Yves, Rev. Brat. No. 2: 16, 53. 1927.
"Insulae Midji."
- Festuca brizoides* Spreng. Syst. Veg. 1: 353. 1825.
Based on "*Briza erecta* Lam"....
= *Chascolytrum erectum* (Lam.) Desv.
Monte-Video. Commers.
Uruguay
- Festuca brizoides* Wulf. Fl. Nov. Phan. ed. Fenzl. & Graf 141. 1858. Not Spreng. 1825.
"Danthonia provincialis DC." cited.
"In valle Rablensi et monte contermino Mannhart."
Austria
- Festuca bromiformis* Schleich. Cat. Fl. Helvetia ed. 4. 17. 1821. Name only.
Switzerland
- Festuca bromoides* L. Sp. Pl. 1: 75. 1753.
"In Anglia, Gallia"
Species uncertain--fide Aschers. & Graeb. and Hackel.
American species formerly so called is *F. dertonensis* (All.) Aschers. & Graeb.
- Festuca bromoides* L. misapplied by Michx. Fl. Bor. Amer. 1: 66. 1803. = *F. octoflora* Walt. U. S. misapplied by Piper, Contr. U. S. Nat. Herb. 10: 18. 1906 and others in U. S. = *F. dertonensis* (All.) Aschers. & Graebner. Italy introd. U. S.
- Festuca bromoides* var. *ambigua* (Cyr.) Guss. Fl. Sic. Syn. 1: 85. 1843.
Only description: "*panicula simplicia stricta lineari, spiculis 2-3-floris*."
Based on "*Bromus ambiguus* Cyr. fasc. pl. rar. 1. p. 10, t. 2."
Naples. Italy
- Festuca bromoides* var. *Broteri* (Boiss. & Reut.) Henricq, Bol. Soc. Broteriana 20: 138. 1905.
Based on *Vulpia Broteri* Boiss. & Reut.
North Africa, Southern Spain,--Palestine
- Festuca bromoides* var. *intermedia* (Hack.) Druce, List. Brit. Fl. 83. 1908. Nom. nud.
No basis nor citation, no description given.
England
- Festuca bromoides* var. *nana* Parnell, Grasses Scotl. IV: 128, pl. 55. 1842.
"dry exposed situations."
Scotland
- Festuca bromoides* var. *Pseudo-Myurus* (Koch) Parnell, Grasses Brit. 246. pl. 111. 1845.
Based on *F. pseudo-myurus* Koch, no reference cited.
In Koch, Synops. Deutsch. u. Schweiz. Fl. 3: 2769. 1907. *Festuca pseudomyurus* Soy.-Willem Obs. 132. 1828. is cited sub. *F. myurus* L.
"Common grass throughout France and Germany."
Europe
- Festuca bromoides* var. *tenella*, Hook.f. Fl. Nov. Zeland. 309. 1853.
"Bay of Islands, frequent."
New Zealand
- Festuca bromoides* var. *tenella* (Boiss.) Druce, Adventive Fl. Tweedside 254. 1919. Not Hook. 1853.
Based on *Vulpia myurus* var. *tenellus* Boiss.
Spain
- Festuca broteri* (Boiss. & Reut.) Steud. Syn. Fl. Glum. 1: 304. 1854. [same Nym. Syll. 418. 1854-55.]
Based on *Vulpia broteri* Boiss. & Reut."
Algeria--circa Oran (Reut.)
Hispania aust. pr. Almorisma (Boiss)
- Festuca browniana* Walp. Ann. Bot. 1: 943. 1849.
Based on "*Vulpia browniana* Nees"
[*Festuca scabra* Labill.]
capite Van-Diemen = Tasmania
- Festuca brownii* F. Muell. Fragm. Phyt. Austr. 8: 129. 1873.
Based on *Triodia parviflora* R. Br., this basis of *Diplachne parviflora*.
Australia
- Festuca buchtienii* Hack. Repert. Sp. Nov. Fedde 6: 160. 1908.
"leg. O. Buchtien (no. 870)."
"Bolivia: La Paz."
- Festuca bulbosa* Delarbre, Fl. Auverg. ed. 2. 2: 696. 1800.
"Dans les prés de Sarliève."
France
- Festuca bulbosa* Bivona. Stirp. Bar. Sicil. Manip. 4: 7. 1813. Not Delarbre.
Sicily
- Festuca burnatii* St.-Yves, Ann. Cons. Jard. Genève 16: 347. pl. 4. 1913.
Spain
In herb. l'Univ. de Lausanne, sent by Prof. Wilozek to St.-Yves for determination; collected in 1879, north Spain by Leresche & Levier in the Cantabres, Spain.

Festuca Cabrerae Parodi, Rev. Arg. Agron. (Buenos Aires) 20: 200. 1953.

Argentina: Neuquén: Lago Huechulafquen, leg. A. L. Cabrera no. 11284, 17-XII-1952. Typus speciei.

Festuca cacuminis Hemsl. ex Ball, Journ. Linn. Soc. 22: 62. 1885, nom. nud.

[In Hemsl. Biol. Centr. Amer. Bot. 3: 582. 1885. Hemsl. says under *F. livida* "We took this---for an undescribed species---"]

[Mex.]

[probably "*F. cacuminis*"---acc. to A.C.]

Festuca caerulea Schur, Enum. Pl. Transsilv. 789. 1866.

"Auf sonnigen steinigen Hügel (Mézöseg Lerchenfeld. Eng.) Jun. Jul."

Austria

Festuca caerulea (L.) Lam. & DC. Fl. Franc. 3: 46. 1805.

Based on *Aira caerulea* L.

= *Molinia caerulea* (L.) Moench Man. U. S. Europe

Festuca caerulea var. *littoralis* Mutel, Fl. Franc. 4: 114. 1837.

[France]

Festuca caeruleoens Desf. Fl. Atlant. 1: 87. 1798.

"Habitat in arvis Algeriae."

Algeria, Africa

Festuca caeruleoens Ten. Fl. Napol. 3: 81. 1824-29. Not Desf. 1798.

Italy

Festuca caeruleoens Boiss. ex Hack. Monogr. Fest. Eur. 167. 1882, as syn. *F. spadiosa* var. *baetica* Hack. Not Desf. 1798.

Europe

Festuca caeruleoens f. *angustata* Chabert ex St. Yves, Candollea 1: 40. 1922.

"Prov. Alger: au-dessus de Medea (herb. Chab.) environs d'Alger."

North Africa

Festuca caeruleoens f. *subramosa* St. Yves, Candollea 1: 40. 1922.

"Numidia" (Poir.) --Tunisia: Dj Bon Kourwein---

N. Africa

Festuca caesia J. E. Smith in Sowerby, Engl. Bot. 27: pl. 1917. 1808.

"Country round Bury, in June 1804."

Festuca caesia var. *subpubescens* Zapal, Consp. Fl. Galic. Crit., Rozpr. Wydz. Mat.-Przyr. Akad. Umiej. Krakow III. 4, B. 174. 1904.

"Dotad tylko Pulaw (Berdaw)"

Galicja, Poland

This is not given in Zapal. Bull. Acad. Cracovie 3: March 1904.

At Nat. Mus. Call no. 506.438 A 33

Festuca caespitosa Desf. Fl. Atlant. 1: 91. pl. 24, f. 1. 1798.

"Habitat in arenis ad maris littora."

Africa

Festuca caespitosa (Forst.) Roem. & Schult. Syst. Veg. 2: 732. 1817. Not Desf. 1798.

Based on "*Dactylis caespitosa* Forst...."

Novi Anni Insulis, Terrae Statuum 'New Years Islands' South America

Festuca caespitosa Willd. ex Spreng. Syst. Veg. 1: 352. 1825, as syn. of *F. borbonica* Spreng. Not Desf. 1798.

"Ins. Mascaren (*F. caespitosa* W. herb.)

Festuca cagiriensis Timb. Bull. Soc. Hist. Nat. Toulouse 3: 128. 1869.

"le sommet de Cagire."

France

Festuca cajamarcae Pilger, Bot. Jahrb. Engler 37: 513. 1906.

"Weberbauer n. 3972 [3974 fide Pilger on type specimen.] "[incorrectly cited no. 3972]"

"Peru: Dep. Cajamarca, in jugo Coymolache supra Hualgayoo"

Festuca calabrica Huter, Porta & Rigo, Fl. Ital. Itin. 3: 461. 1877; ex Hack. Monogr. Fest. Eur. 190. 1882.

"In Calabriae III. orientalis locis lapideis rupes-tribus ad montem Dolciodormie in Pollino ...lgg. Huter] Porta] & Rigo]."

Italy

Festuca calamaria J. E. Smith, Fl. Brit. 1: 121. 1800.

"In sylvis subalpinis Sootiae."

"In a moist wooded valley at the foot of Ben Lawers, 1793. Mr. Mackay."

Scotland

Festuca calcearea Tausch ex Steud. Nom. Bot. ed. 2. 1: 628. 1840, as syn. of *F. glauca*

Europe

Festuca calceolaris Somm. & Lev. Nuov. Giorn. Bot. Ital. n. ser. 4: 211. 1897.

"Legimus in jugo Latpari merid. Svanetiae Dadianorum, ... In jugo Kluchor merid. Abchasiae,-- In jugo Nachar Abchasiae."

Caucasus, Russia

Festuca calchaquensis Hack. in Stueck. Anal. Mus. Nac. Buenos Aires 13: 520. 1906.

Stueckert: herb. arg. 15,373 ex Lillo herb. tuc. no. 3073. Dep. Tari, Prov. Tucuman, Argentine

X *Festuca calceigena* Vetter, Verh. Zool. Bot. Ver. Wien 67: 177. 1917.

Parents: *Festuca vallesiaca* X *stricta* Kalenderberge bei Modling. Austria

Festuca caldasii (H.B.K.) Kunth, Rev. Gram. 1: 132. 1829.

Based on "*Bromus caldasii* Humb. et Kunth" [H.B.K.] [Hitchcock examined type in Mus. Nat. Hist. Paris; not identifiable]

regni Quitensi prope Chillo, Conocoto et Sangolqui Ecuador

Festuca californica Vasey, Contr. U. S. Nat. Herb. 1: 277. 1893.

"Type specimen collected on hills about Oakland, California, by H. N. Bolander, in 1862 (No. 1505)." Man. U. S.

Festuca californica parishii (Piper) Hitchc. in Abrams, Illustr. Fl. 1: 224. 1923.

Based on *Festuca aristulata parishii* Piper = *F. californica* Vasey Man. U. S. San Bernardino Mts. Cal. (Parish 5036)

Festuca Callieri (Hack.) Markgr. Repert. Sp. Nov. Wedde Beih. 307: 278. 1932.

Based on "*Festuca sulcata* ssp. *sluicata* var. *Callieri* Hack. Hack. in Doerfler Hb. norm. n. 3392; St. Yves in Candollea III. 347, 459."

Balkan Peninsula

Festuca calligera (Piper) Rydb. Bull. Torrey Club 36: 537. 1909.

Based on *Festuca ovina calligera* Piper. = *F. ovina* Man. U. S. Arizona (Rusby 901)

Festuca calva (Hack.) Richt. Fl. Eur. 1: 104. 1890.

Based on *Festuca varia* var. *calva* Hack. in alpinum Carnioliae (Kotschy) Austria

Festuca calycina Loebl. Iter. Hisp. 116. 1758; L. Syst. Nat. ed. 10. 877. 1759.

"Plantae Hispanicae" Schismus marginatus fasciculatus calycinus (Loebl) barbatus (L.) Thell.

[See Miles, Contr. U. S. Nat. Herb. 241181. 1925.]

Note: Described by Loebl. earlier than L., and L. refers to Loebl. p. 116.

Spain

Festuca cambrica Huds. Fl. Angl. ed. 2. 1: 45. 1778.

"Habitat in summis montibus circa Llanberis copiose." Wales

Festuca campestris Rydb. Mem. N. Y. Bot. Gard. 1: 57. 1900.

["*Festuca scabrella* Coulter, Man. R. M. 424" not Torr.]

(Based on *F. scabrella* var. *major* Vasey, Spokane Co., Wash., Suksdorf 118.)

= *F. scabrella* var. *major* Vasey Man. U. S.

Festuca Camusiana St.-Yves, Bull. Soc. Bot. Genève II. 18: 156. 1926.

Bromus dissitiflorus Baker cited as syn.

[not *Festuca dissitiflora* Steud. 1879] Central Madagascar, (Baron 2092)

Festuca camusiana ssp. *chodatiana* St.-Yves, Bull. Soc. Bot. Genève II. 18: 158. 1926.

"Afrique. Kilimandjaro: territoire de Marangu, Volcans 706 (herb. Boissier-B. et herb. Mus. Berlin); Himo-Schlucht...Volcans 1827 (herb. Mus. Berlin).-- Région du Nyassa: Kyimbila, Stolz 1162 (herb. Delessert, herb. Mus. Berlin).--Uganda: Mt. Elgon...Dummer, 4506 (herb. Mus. Berlin).--Cameroun...Nann 2060, ex herb. R. Gard. Kew (herb. Mus. Berlin)."

Festuca camusiana ssp. *madecassa* St-Yves, Bull. Soc. Bot. Genève II. 18: 156. 1926.

"Madagascar: entre Betafo et Ambohimasina...P. de la Bathie, Fl. mad. 10763 (herb. A. Camus); Imerina à Manjakandriana, P. de la B. Fl. mad. 12976 (herb. A. Camus); sine loc., Baron 5206 sub...*Bromus dissitiflorus* Bak." (herb. Mus. Paris, 2p.); Betsileo, Hil-debrandt 4002... (herb. Mus. Paris); massif d'Andringitra, bords des ruisseaux...P. de la B. Fl. Mad-13692. (herb. Mus. Paris)...d'Ambrositra à Andrina...P. de la B. Fl. mad. 10806 (herb. Mus. Berlin).

[P. de la B. = Ferrier de la Bathie]

Festuca camusiana ssp. *madecassa* var. *brevipaleata* St.-Yves, Bull. Soc. Bot. Genève II. 18: 158. 1926.

"Madagascar: Massif d'Andringitra, bords des eaux...P. de la Bathie, Fl. Mad. 14433 sub "F. dissitiflora Stapf" (herb. A. Camus; herb. Mus. Berlin)."

Festuca cana Kit. ex Steud. Nom. Bot. ed. 2. 1: 629. 1840, as syn. of *F. vaginata*.

Festuca canescens Host, Fl. Austr. 1: 155. 1827.

"In Carnioliae montibus Hladnik."

Austria

Festuca canescens Host misappl. by Reichenb Icon. Fl. Germ. 1: 26. pl. 1541. [1834]

Germany

Festuca canescens Kit. Linnaea 32: 313. 1863. Not Host, 1827.

Flora Hungarica

Hungary

Festuca capensis Spreng. Syst. Veg. 1: 352. 1825.

"C. B. S. [Cape Good Hope] (*Dactylis ciliaris* Th.)"

Africa

Festuca capillaris Liljebl. Utk. Svensk Fl. ed. 2. 48. 1798, in Scandinavian.

"V på Oland"

Sweden

Festuca capillaris Wulf. Fl. Nor. Phan. ed. Fenzl. & Graf 144. 1858.

"*Festuca ovina* var. *alpina* Koch" cited

"In alpe excelsa nivosa Geisl prope Prax"

Austria

Festuca capillata Lam. Fl. Franç. 3: 597. 1778.

"----lieux montueux & sur le Bord des bois."

Man. U. S.

France

Festuca capillata Willd. ex Spreng. Syst. Veg. 1: 356. 1825, as syn. of *F. aliena* Spreng. Not Lam. 1778.

Festuca capillata var. *hirtula* (Hack.) Druce, Brit. Fl. List Ed. 2. 132. 1928, without descr.

"*Festuca ovina*" [error for *hirtula* or *hispida*]

Europe

Festuca capillifolia Dufour ex Roem. & Schult. Syst. Veg. 2: 735. 1817.

"In fissuris rupium circa moxente R. valentini." [j]

Spain

Festuca capillifolia H. Lips. ex Regel, Ind. Sem. Hort. Petrop. 1862: 27. 1862, as syn. of *F. rubra* Vahl. Regel. Not Dufour 1817.

Russia?

Festuca capitata Balb. ex Spreng. Syst. Veg. 4: Cur. Post. 36. 1827.

"Sardinia"

Italy

Festuca caprina Nees, Fl. Afr. Austr. 443. 1841.

"In monte Los-Tafelberg...(Drège)."

Africa

Festuca caprina var. *curvula* Nees, Fl. Afr. Austr. 1: 443. 1841.

"monte Los-Tafelberg...(Drège)."

Africa

Festuca caprina var. *irrasa* Stapf in Thieselt.-Dyer, Fl. Cap. 7: 720. 1900.

"Albany Div.; Howisons Poort, near Grahamstown, Flanagan, 94!"

Africa

Festuca caprina var. *macra* Stapf in Thieselt.-Dyer, Fl. Cap. 7: 720. 1900.

"Orange Free State; on the Witte Bergen, near Harrismith, Buchanan, 302!"

Africa

Festuca carazana Pilger, Bot. Jahrb. Engler 37: 511. 1906.

"Weberbauer n. 3106"

"Peru: Dep. Ancash, in montibus" Cordillera negra "supra Caraz"

= *F. dolichophylla*

Grass. Ecuador, Peru, & Bolivia

Festuca carnea Fritsch, Exkursionsflora 65. 1897.

Festuca carniolica (Hack.) Richt. Fl. Eur. 1: 106. 1890.

Based on *spectabilis* var. *carniolica* Hack.

"Carniolia montibus Nanae et Zhavn (Tommasini) ex Schultz. Herb. Norm. 587"

Austria

Festuca caroliniana Steud. Syn. Fl. Glum. 1: 312. 1854.

Carolina, Bosc.

= *Tridens carolinianus* (Steud.) Henr. Man. U.S.

Festuca carpatia Dietr. Vollst. Lex. Gärtz. Nachtr. 3: 333. 1817.

Cites: "*Festuca nutans* Host....Wahlenb."

"Austria, etc."

Festuca carpatia f. *elatio* Kraj. Act. Bot. Bohem. 9: 219. 1930.

"Slovakia septentrionalis: montes Bielski Tatry... ad pedem...Podtiskovy diatorum prope Javorina. Domin Krajina [Cech. Exsicc. Cent. II. No. 129]

Europe

Festuca carpatia f. *subflavescens* Zapal. Consp. Fl. Galic. Crit., Rozpr. Wydz. Mat.-Przyr. Akad. Umiejtn. Krakow III. 4, B. 184. 1904. Aug. 11.

"Piatra Domnei (Rehman)."

Galicia, Poland

Festuca casapaltensis J. Ball, Journ. Linn. Soc. Bot. 22: 62. 1885.

"Above Casapalta!" Peruvian Andes

Andes Grasses

Festuca caspica (K. Koch) Steud. Syn. Fl. Glum 1: 303. 1854.

Based on *Soleropoa caspica* K. Koch."

"Mergelboden der Halbinsel Apsheron"

Russia

Festuca caucasica Hack. ex Boiss. Fl. Orient. 5: 626. 1884, as syn. of *F. sibirica* var. *caucasica* Boiss. ex Grossh. Fl. Kavk. 1: 119.

[Caucasus]

Festuca cavillieri St.-Yves, Candollea 3: 192. 1927.

Chili: territoire de Pehuenche., Lechlar pl. chil. no. 3085.

Festuca cenisia (Hack.) Richt. Fl. Eur. 1: 104. 1890.

Based on *Festuca varia* var. *cenisia* Hack.

Prope Ronche ad montem Cenisium (Biondi)

[France - Italy]

Festuca cepacea R. A. Phil. Linnaea 33: 297. 1864-65.

"In Andibus prov. Colohagua primus invenit orn. Landbeck, deinde ipse in Andibus prope Santiago."

Chile

Festuca cernua Schult. Oester. Fl. ed. 2. 242. 1814.

Austria

Festuca chaloophaea Krecz. & Bobr. in Kom. Fl. U.R.S.S. 2: 513, 768. pl. 40. f. 20 a-c. 1934.

"Spec. typ.: Armenia. Nor-Bajazet, leg. Zedelmeyer & Heidemann."

Asia

Festuca chiriquensis Swallen, Ann. Missouri Bot. Gard. 30: 116. 1943.

"Chiriquí: Volcan de Chiriquí, Hitchcock 8225; open places in woods, 1300-1500 m. alt., Sept. 29-30, 1911. Hitchcock 8197 (type)

Panama

Festuca chrysophylla R. A. Phil. Anal. Mus. Nao. Chile 2nd sect. Bot. 8: 88. 1891.

"Prope Incahuasi lecta." [Philippi Tarapaca]

Chile

Festuca chubutensis Speg.? ex Stuckert, Anal. Mus.
Buenos Aires 21: 163. 1911. doubtful name.

Stuckert no. 18803 (4 III. 1901. Rio Corcovado,
Chubut (N. Illin no. 72)

[Stuckert explains that he has not seen the descrip-
tion and that it is impossible to know if the deter-
mination is correct or not.]

Argentina

Festuca chubutensis var. *submutica* Hack. in Stuck.
Anal. Mus. Nac. Buenos Aires 21: 163. 1911.
[nomen nudum]

St. no. 17,973 (20. III. 1901) Valle de Ávilas,
Chubut (N. I. no. 203 & 204 sub *Festuca* sp.).
[N. Illin coll.]

Argentina

Festuca ciliaris Heyne ex Roem. & Schult. Syst. Veg.
2: 728. 1817.

F. ciliaris Heyne cited by Roem. & Schult. as syn. of
"*F. blepharophora*, described.-- "*F. latifolia* Roth
nov. spec. plant. Mss." [transl. "not to be confused
with earlier *latifolia* Decand. and *F. ciliata* Link.
"in India orientali,"] but R. & S. description points
to *Centotheca lappacea*.

Festuca ciliata Gouan, Hort. Reg. Monsp. 48, 547. 1762.

"Habitat MonsPELLI; vers la Feissine; in fossis;
autour de la Ville."

Montpellier France

Festuca ciliata Link, Journ. Bot. Schrad. 2: 315. 1799.
Not Gouan, 1762.

"Am sandigen Ufer des Douro bei O Porto."

Portugal

Festuca ciliata Brot. Fl. Lusit. 1: 115. 1804.
Not Gouan, 1762.

"Hab. ad ripas Durii prope Porto."

[Douro] Portugal

Festuca ciliata Danth. ex Lam. & DC. Fl. Franç.
3: 55. 1805. Not Gouan, 1762.

"...près Montpellier, et dans les îles sablonneuses
de la Durance."

Basis of *F. danthonii* Aschers. & Graebn. valid name
for so-called "*F. ciliata* [misapplied] Pers. Not
Gouan 1762.

France

Festuca ciliata Link, misappl. by Pers., Syn. Fl.
1: 94. 1805. Not Gouan, 1762.

Pers. cites "Link in Schrad. Journ. 2: p. 315."
[1799]

Europe

= *F. alopecuroides* Schousb. fide Aschers. & Graebn.

Festuca ciliata Pers. misappl. by ? Host, Gram. Austr.
4: 37. pl. 65. 1809. Not Gouan, 1762.

"In Dalmatiae arenosis, herbis ad Mare: copiose in
insula Vergada. Vaena."

Europe

Festuca ciliata Dec. in A. Braun, Ind. Sem. Hort.
Berol. 4. 1857. nom. nud.

not Gouan, 1762.

Festuca ciliata Steud. ex Jacks. Ind. Kew. 1: 953. 1893.

"sphalm pro ciliaris"

Steud., Nom. Bot. ed. 2. 1: 629. 1854, lists
"*F. ciliata* Heyn. *Centotheca lappacea*!"
[error for *ciliaris* Heyn.]

Festuca ciliata var. *danthoiae* (Aschers. & Graebn.)

Fedtsch. Bull. Jard. Bot. Pierre Grand 14(Suppl. 2):
86. 1915.

Based on *F. danthonii* Aschers. & Graebn., this based
on (*F. ciliata* Danthon ex Lam. & DC. Fl. Franc.
3: 55. 1805.)

Près Montpellier et îles de la Durance
[France]

Festuca ciliata [var.] *genuina* Doell in Mart. Fl. Bras.
2(3): 114. 1878.

Copied from Gray cards

Festuca ciliata var. *glabra* Tourlet, Bull. Soc. Bot.
France 50: 314. 1903.

"*Vulpia ciliata* var. *glabra*" cited

"Hab. --Amboise, île Saint-Jean, avec le type!"

France

Festuca ciliata var. *glabrescens* Doell in Mart. Fl.
Bras. 2³: 114. 1878.

"prope Montevideo a ol. Sello (d. 2252) lecta.--"

Uruguay

Festuca ciliata var. *imberbis* Visiani, Fl. Dalm.
1: 75. 1842.

"varietas circa Gradaz prope Vernis, et Mavize prope
Verlika."

Dalmatia

Festuca cinerea Vill. Fl. Delph. 8. 1785.

"ad radices montium, in pasuis meridionalibus."

[France]

Festuca cinerea Vill., misappl. by Lam. & DC, Fl.
Frang. 3: 51. 1805.

France

Festuca cinerea ssp. *caesia* (Smith) Stohr, Wissenschaftl.
Zeitschr. Martin-Luther Univ. Halle-Wittenberg
9: 396. 1960.

Based on *Festuca caesia* J. E. Smith in Sowerby, Eng.
Bot. 27: pl. 1917. 1808.

"Country round Bury, June 1804." England

Festuca cinerea ssp. *cinerea* (Vill.) Stohr, Wissenschaftl.
Zeitschr. Martin-Luther Univ. Halle-Wittenberg
9: 395, 402. 1960.

var. *cinerea* l.c. 401.

Festuca cinerea ssp. *crassifolia* (Gaud.) Stohr, Wissen-
schaftl. Zeitschr. Martin-Luther-Univ. Halle-Witten-
berg. 9: 395, 402. 1960.

var. *crassifolia* (Hack.) Stohr - Blätter rauh.
f. crassifolia Stohr - Pflanzekahl.
f. pogonantha (St. Yves) Stohr - Pflanze behaart

[Mitteldeutschland]

Festuca cinerea ssp. *crassifolia* var. *robusta* (Hack.)
Stohr, Wissenschaftl. Zeitschr. Martin-Luther- Univ.
Halle-Wittenberg 9: 395. 1960.

[Mitteldeutschland]

Festuca cinerea var. *curvula* (Gaud.) Stohr, Wiss.

Zeitschr. Martin-Luther- Univ. Wittenberg 9: 401.
1960.

Based on *F. duriuscula* var. *curvula* Gaud. Fl. Helv.
1: 282. 1828.

Festuca cinerea var. *curvula* (Gaud.) Stohr, Wissenschaftl.
Zeitschr. Martin-Luther-Univ. Halle-Wittenberg 9: 395.
401. 1960.

[Mitteldeutschland]

f. curvula Stohr. 401.
f. villosa (Schrad.) Stohr. 401.
f. pubigulmis (Rohl) Stohr. 401.
f. hirtispicula (St. Yves) Stohr. 401.
f. sandomirensis (Zapal.) Stohr. 402.
f. glabrispicula (St. Yves) Stohr. 402.

Festuca cinerea var. *glauca* (Lam.) Stohr, Wissenschaftl.
Zeitschr. Martin-Luther-Univ. Halle-Wittenberg
9: 395-401. 1960.

Based on *F. glauca* Lam.

France

Festuca cinerea var. *lapidosa* Stohr, Wiss. Zeitschr.
Martin-Luther-Univ. Halle-Wittenberg 9: 401. 1960.

Typus: Süsser See bei Eisleben, Buntsandsteinhang
am Nordufer (leg. G. Stohr 1951; in Herb. Halle)

Festuca cinerea ssp. *pallens* (Host) Stohr, Wissenschaftl.
Zeitschr. Martin-Luther- Univ. Halle-Wittenberg
9: 395, 403. 1960.

f. pallens - Blätter glatt. Pflanze kahl p. 396.
f. puberula (Hack.) Stohr - Blätter glatt. Spelzen
behaart. p. 396.
f. scabrifolia (Rohl) Stohr - Blätter rauh p. 396

[Mitteldeutschland]

Festuca cinerea ssp. *psammophila* (Céclak.) Stohr, Wissen-
schaftl. Zeitschr. Martin-Luther-Univ. Halle-Witten-
berg 9: 396. 1960.

f. psammophila Pflanze kahl
f. subhirtella (Kraj.) Stohr Blätter behaart.

[Mitteldeutschland]

Festuca cinerea var. *robusta* (Hack.) Stohr, Wissenschaftl.
Zeitschr. Martin-Luther-Univ. Halle-Wittenberg
9: 403. 1960.

Pyrenäen, Mittel-Ost-, Südost-frankreich, Schweiz,
Südwestdeutschland, Italien, Südpolen.

Festuca circinata Griseb. Abh. Ges. Wiss. Göttingen
24: 288. 1879.

"C." = Cordoba und Santiago del Estero

"S." = Salta

"C.: S. Achala, Cuesta del Cerro."

Argentina

Festuca cirrosa (Speg.) Parodi, Rev. Arg. Agron. (Buenos
Aires) 20: 190. 1953.

Based on *Festuca erecta* D'Urv. var. *cirrosa* Spegaz-
zini, Plant. per. Fueg. Coll., An. Mus. Nac. B.
Aires 5: 95. 1896.

Argentina: Tierra del Fuego, Isla de los Estados,
Puerto Roca, leg. C. Spegazzini en 1882 (Typus: Inst.
Speg. No. 276).

Festuca citardae Lojac. Fl. Sic. 3: 348. 1909.

"Nebrodi Lojac! Citarda! (Herb. Lojac.)"

Sicily

- Festuca clandestina* Muhl. Desor. Gram. 162. 1817;
name only in Muhl. Cat. pl. 13. 1813.
"Hab. in N. Eboraco" New York
= *Leptochloa fascicularis* (Lam.) A. Gray Man. U.S.
- Festuca clavata* Moench, Meth. Fl. 190. 1794.
"Plantas hortenses."
hort. Western Mediterranean
- Festuca clementei* Boiss. Elench. 90. 1838.
"Hab. solum in altissimis cacuminibus glacialibus in
Sierra Nevada." Spain
- Festuca clementei* var. *plicata* (Hack.) Pau,
Cavanillesia 4: 49. 1931.
Presumably based on *Festuca plicata* Hack.
Sierra Nevada Spain
- Festuca coelestis* (St.-Yves) Krecz. & Bobr. in Kom.
Fl. U.R.S.S. 2: 514, 770. pl. 40. f. 12. 1934.
F. ovina ssp. *coelestis* St.-Yves
Thibetia - [Tien Shan.]
China
- Festuca coiron* Steud. Syn. Fl. Glum 1: 312. 1854.
"Festuca nr. 269 et 995. Bert. hrbr. Chili."
T Chile
- Festuca colorata* Schur, Enum. Fl. Transsilv. 788. 1866.
Arpeser-und Kerzesorer Alpen, 5000' - 6000'. (Jurtop,
Bulla; Rodnaer Alpen: Kuhhorn. Glimmerschiefer.
Rumania
- Festuca commersonii* Spreng. Syst. Veg. 1: 353. 1825.
"Monte Video. (Briza subaristata Lam. Chascolytrum
Desv.)" Uruguay
- Festuca commersonii* Franch. Mission Sci. Cap.
Bot. 5: 388. pl. 8. f. c. 1889. Not Spreng. 1825.
"Detroit de Magellan (Commerson). Patagonie, Churruca
30 janvier 1879. Baie Orange (Hyades, nos 883 et 885)
Canal du Beagle (Hahn)."
- Festuca commersoni* var. *vivipara* Maclosk. in Scott, Rep.
Princeton Univ. Exped. Patagonia 8: 234. 1904,
nom. nud.
Patagonia
- Festuca commutata* Scheele, Flora 27: 62. 1844.
Sieber
Dalmatia Jugoslavia
- Festuca commutata* Steud. Syn. Fl. Glum 1: 304. 1854.
Not Scheele, 1844.
"Hrbr. Bertero nr. 274 et 1002 ex parte....
Chile
- Festuca compacta* [Soland. in] Russ. Aleppo. II.
2: 243. 1794.
Aleppo Syria
- Festuca compressa* Lam. & DC. Fl. Franç. 6: 263. 1815.
Based on "Poa montana Delarb. ...non All."
= Mouneau-----
Mont-d-Or. France
- Festuca compressa* Kit, Linnaea 32: 311. 1863.
Not DC. 1815.
"Pauli Kitaibelii. Additamenta ad Floram Hungaricam."
Europe
- Festuca compressifolia* Frasl, Mel. Haenk. 1: 259. 1830.
"Hab. in montanis Peruviae." Haenke
Andes Grasses Peru
- Festuca conferta* Troitzky in Grossh. Fl. Kavkaza
1: 115. 1928, in Russian.
Caucasus Russia Europe
- Festuca confinis* Vasey, Bull. Torrey Club 11: 126. 1884.
"Collected at Pen Gulch, Colorado." Vasey
= *Hesperochloa kingii* (S. Wats.) Rydb. Man. U. S.
- Festuca confinis* ssp. *rabiosa* Piper, Contr. U. S. Nat.
Herb. 10: 41. 1906.
Williams & Griffiths, 25
Crazy Womans Creek, Wyo. T.
= *Festuca scabrella* Man. U. S.
- Festuca confusa* Piper, Contr. U. S. Nat. Herb. 10: 13.
pl. 1. 1906.
Western Klickitat Co., Wash. Suksdorf 1140
Man. U. S. T
- Festuca congolensis* St.-Yves, Bull. Mus. Hist. Nat.
(Paris) II. 4: 346. f. 1. 1932.
"Habit.--Congo belge. Montagnes à l'Ouest du lac
Kivu: Monts Biega...leg. Humbert, mars 1929, no.
7.689." Africa
- Festuca consobrina* Timb. Bull. Soc. Hist. Nat. Toulouse
3: 130. 1869.
"tres commune a Bouconne"
[France]
- Festuca contracta* Kirk, Trans. & Proc. New Zeal. Inst.
27: 353. 1895.
"Hab. Macquarie Island; A. Hamilton! (1894)."
New Zealand
- Festuca convoluta* (Hornem.) Kunth, Rev. Gram. 1: 129.
1829.
Based on "Poa convoluta Hornem."
hort.
- Festuca cookii* Hook.f. Fl. Antarot. 382. pl. 139. 1847.
"Hab. Kerguelen's Land, abundant; Anderson (in
Cook's Voyage), J.D.H." [J. D. Hooker]
Indian Ocean Isl.
- Festuca corsica* Salzm. ex Steud. Nom. Bot. ed. 2.
1: 629. 1840, as syn. of *F. Halleri*, nom. nud.
- Festuca costata* Nees, Fl. Afr. Austr. 447. 1841.
Monte Winterberg prope urbem Philippstown
Drège
South Africa
- Festuca costata* var. *breviseta* Nees, Fl. Afr. Austr.
1: 447. 1841.
"var. in monte Winterberg prope urbem Philippstown.
(Ceded Territory) et ad sedem missionis Herrenhutorum
in montibus...flumini Klipplaatsrivier vicinis
(Tambukiland), Ekklon; in montibus ad Kat-et Klip-
plaatsrivier flumina (Katberg)...et in saxosis
montis Windvogelberg...(Drège)."
S. Africa
- Festuca costata* var. *fascicularis* Nees, Fl. Afr. Austr.
1: 447. 1841.
"....in latere australi montis Winterberg ...
(Terra Caffrorum), Ekklon."
So. Africa
- Festuca costata* var. *longiseta* Nees, Fl. Afr. Austr.
1: 447. 1841.
"....in paludosis montis Katberg, in montibus Storm-
bergen...et in montibus Witbergen...(Drège)."
So. Africa
- Festuca Coxii* (Petrie) Hack. in Cheeseman, Man. New
Zeal. Fl. 919. 1906.
Based on *Agropyron Coxii* Petrie
Cockayne & Cox
Chatham Isl. N. Z.
- Festuca cretacea* Popow & Prosk. Bull. Soc. Nat. Voronège
2: 46. 1927. See Czern. 1934.
prov. Voronège
Russia - Europe
- Festuca cretacea* (Lavr.) Czern. in Kom. Fl. U.R.S.S.
2: 527. pl. 39. f. 5a-f. 1934. See Popow & Prosk
1927.
Based on *F. rubra* ssp. *cretacea* Lavr.
Prov. Charoov, coll. W. Czernjaew...
Kharkov - Russia - Europe
- Festuca cretica* Hack. ex Nyman, Consp. Fl. Eur.
825. 1882, as syn. of *F. elatior* L.
Europe
- Festuca crinum-ursi* Ramond. ex Schrad. Fl. Germ.
1: 325. 1806, nom. nud.
Germany
- Festuca cristata* L. Sp. Fl. 76. 1753.
"In Lusitanæ collibus sterilibus."
Portugal, Spain
- Festuca cristata* (L.) Vill. Hist. Fl. Dauphiné 1: 250.
1786. Not L. 1753.
Based on *Aira cristata* L.
= *Koeleria cristata* (L.) Pers.

Festuca cristata K. Omel. ex Roem. & Schult. 2: 660.
1817, as syn. of *Trisetum alopecuroides* Roem. & Schult.
Not L. 1753.

Festuca croatica Kern. Sched. Fl. Exsicc. 1: 105. 1881.

"Croatiasubalpinis montium Velebit; ...montis
Leginatz
Europe

Festuca cryophila Krecz. & Bobr. in Kom. Fl. U.R.S.S.
2: 519, 767, pl. 40. f. 16a-d. 1934.

"Spec. typ.: Jugorsky Sohar, inter p. Chabarovo et
ostium fluminis Ogo, 18 VIII 1921, leg. A. Tolmacev.
Siberia

Festuca csikhegyensis Simonkai, Magyar Bot. Lapok
5: 377. 1906.

"Die 19. mensis Maji a 1902 in montibus
"Csiki hegyek" prope Budapestinum."
Hungary

Festuca cumminsii Stapf in Hook. Fl. Brit. Ind.
7: 349. 1896.

"Sikkim Himalaya, ...J.D.H. W. Ehotan, Cummins."
India

Festuca curtana "Lejeun" ex Steud. Nom. Bot. ed. 1.
336. 1821, error for *F. curtana*, which see.

Festuca curvata Beauv. Ess. Agrost. 99, 162. 1812,
nom. nud.

Festuca curvifolia Lag. ex Lange, Naturhist. For.
Kjobenhavn Vid. Medd. II. 1: 51. 1860.

Cites: "Lag. in herb. hort. Matrit. (*F. duriuscula*
var., *Hystrix* Boiss. Voy. e specim. in herb. Mus.
Paris.)"

"In montium Carpetanorum regione subalpina (Cerro
Quelgamoros supra Macorial, Cerro de las aguilas pr.
Navacerrada)Encinillas (prov. Burgos)"
Spain

Festuca curvula Gaudin, Agrost. Helv. 1: 239. 1811.

"In M. Thoiry. Miserunt etiam vir ampliss. Hallerus
et Schleicherus."
Switzerland

Festuca cyllenica Boiss. & Heldr. ex Boiss. Diagn. Fl.
Orient Nov. I. 32 (fasc.): 58. 1853 [1854]

"Boiss. et Heldr. in pl. Graec. exs. 1849," cited
following species.

"Hab. in saxosis regionis alpinae montis Kyllenes
Peloponnesi...(Heldreich)."
Greece

Festuca cyllenica var. *multiflora* Boiss. & Heldr. in
Boiss. Diagn. Fl. Orient. Nov. II. 3 (fasc. 4): 137.
1859.

"Hab. in lapidosis regionis superioris montis
Parnassi Heldr."
Greece

Festuca cyllenica var. *Pauliniana* Belli in Carniola
N. F. 7: 135. 1916.
--Copied from Rep. Spec. Nov. 16: No. 62. 1919.

"Krain: Südabhänge der Beglenjéica (Paulin.)."
Jugo-Slavia

Festuca cynosuroides Desf. Fl. Atlant. 1: 88. pl. 21.
1798.

"Habitat in arenis prope Cafsam."
Tunis, Africa

Festuca cynosuroides Delile, Fl. Égypte Illustr. 107.
1813. Not Desf. 1798.

Egypt.

Festuca cynosuroides Bal. ex Nym. Conspect. 821. 1882,
as syn. *Vulpia gypsophila* Hack. Not Desf. 1798.

Europe

Festuca cynosuroides var. *Maireana* Maire, Bull. Soc.
Hist. Nat. Afr. Nord 25: 324. 1934.

Cites: Sub Narduretia Huguet & Villar Bull. Soc.
Hist. Nat. Afr. Nord 16: 101. 1925.

There is no var. *maireana* in Vol. 16. Only
Narduretia cynosuroides.

Festuca cynosuroides var. *pubescens* Maire, Bull. Soc.
Hist. Nat. Afr. Nord 25: 324. 1934.

"Algérie: Batna; Djebel Amour; Djelfa; El-May; Sud
Oranais; etc. Maroc: Itzer; Monte de Figuig; etc."

X *Festuca czarnohorensis* Zapal. Conspect. Fl. Gal. Critic.
3: 230. (1911).

Parents:
F. gigantea X *apennina*
[Galicia] Europe

Festuca dactyloides Sibth. & Smith, Fl. Graec. Prodr.
1: 61. 1806.

"Icon. Fl. Graec. t. 81."

"In Archipelagi insulis rarius."
Greece

Festuca dactyloides Roth, Nov. Fl. Ind. Orient.
78. 1821. Not Sibth. & Smith, 1806.

(Refers to Roth, Fl. Germ. Tent. II. P. I. p. 119.
1789, but could not locate here)

Germany

Festuca dahurica (St.-Yves) Krecz. & Bobr. in Kom.
Fl. U.R.S.S. 2: 517, 771. pl. 40. f. 13a, b. 1934.

Based on *F. ovina* ssp. *laevis* var. *dahurica* St.-Yves.

Asia Daourie, leg. Turcz. Fl. baical. dah. herb.
Bunge (herb. Coss.)
Dahuria Russia Asia

Festuca dalmatica (Hack.) Richt. Fl. Eur. 1: 95. 1890.

Based on "*Festuca ovina* ssp. *sulcata* var. *dalmatica*
Hack."

Dalmatia, M. Vernaz pr. Cattaro, lg. Pichler
Jugo-Slavia

Festuca dalmatica ssp. *pseudodalmatica* (Kraj) Soó, Act.
Bot. Acad. Scient-Hungaricae 4: 199. 1957.

Based on *Festuca pseudodalmatica* Kraj. 1929.

Czechoslovakia

Festuca dalmatica B. taurica (Kern.) Hayek, Repert. Sp.
Nov. Fedde Reih. 304: 279. 1932.

Based on "*Festuca ovina* ssp. *sulcata* var. *taurica*
Kern. ap. Hack. Mon. Fest. 84."

Tauria! ...ad fl. Kastowata prope Braekie (Rehm.)

Festuca danthonii Aschers. & Graebn. Syn. Mitteleur. Fl.
2: 551. 1901.

Based on *F. ciliata* Denth. Not Gouan nor Link
prope Montpellier et dans les îles sablonneuses de la
Durance
France

Festuca Danthonii f. *Aetnensis* (Tineo) Aschers. &
Graebn. Syn. Mitteleur. Fl. 2: 551. 1901.

Based on *Vulpia aetnensis* Tineo
Etna, Sicily

Festuca Danthonii var. *ambigua* (Le Gall.) Druce, List
Brit. Fl. 83. 1908.

No basis nor citation given. No description given
England

Festuca Danthonii var. *imberbis* (Visiani) Aschers. &
Graebn. Syn. Mitteleur. Fl. 2: 551. 1901.

Based on *F. ciliata* f. *imberbis* Visiani
Dalmatia

Festuca Danthonii var. *penicillata* Marbeck, Acta Univ.
Lund n. ser. 18 (3): 14. 1922.

"A typo (Exs.: Kneucker Gram. exs. n. 286; Magn. Fl.
sel. exs. n. 1575; Fl. lusit. exs. n. 1826) differt
...
"Collines arides entre Dj. Guéliz et Oued Tensift,
près de Marrakech.--La même plante a été récoltée par
Clauson à Bou-Ismabl, en Algérie, et distribuée, dans
l'Herb. Fontan. norm. n. 80, sous le nom de *Vulpia*
ciliata Pers."
Morocco, Marbeck

[Author suggests this var. is probably the same as
Vulpia Danthonii v. *tripolitana* Pampanini]

Festuca Danthonii var. *plumosa* (Boiss.) Aschers. &
Graebn. Syn. Mitteleur. Fl. 2: 551. 1901.

Based on *Vulpia ciliata* var. *plumosa* Boiss.
prope Aleppo. Syria

Festuca dasyantha H.B.K. Nov. Gen. & Sp. 1: 154. 1816.

"Crescit propter nivis perpetuae fines in devexis
montis ignivomi Cotopaxi, inter Pumaucou et
Suniguaiou, alt. 2260-hexap. (Regno Quitensi)."
Humb. & Bonpl.
Ecuador

Grass. Equad. Peru, & Bolivia

Festuca dasyolada Hack. ex Beal, Grasses N. Amer.
2: 602. 1896.

Utah, Parry in 1875. Man. U. S.
U. S.

Festuca davillae R. & Phil. Anal. Univ. Chile 94: 176.
1896.

"In subandinis provinciae Santiago loco dicto Salto
de Conchali." Coll. Philippi
Chile

Festuca deasyi Rendle, Journ. Bot. Brit. & For. 38: 429.
1900.

"Hab. Plateau near Polu, 10,000 ft., June 1898."
"collected by Capt. H.H.F. Deasy in Northern Tibet
and Chinese Turkestan."

Festuca debilis Schleich, Cat. Fl. Helv. 6: 17. 1821,
nom. nud.

Switzerland

Festuca decidua Bell. ex Smith in Sowerby, Engl. Bot.
32: pl. 2266. 1811.

"In Gurness Gill on the south side of Howes-water,
Westmoreland, coll. Rev. Mr. Holme... [Piedmont in
1789 sent by Dr. Bellardi.]"

England

Festuca decipiens Clairv. Man. Herbor. 24. 1811.

"Les plus hautes alpes." [en Suisse et en Valais.]

Switzerland

Festuca decolorans Mert. & Koch (Deutschl. Fl. 1: 663.
1823, nom. nud.) (Reichenb.) Mert. & Koch ex Kunth,
Enum. Fl. 1: 404. 1833.

Based on *Bromus decolorans* Reichenb.

Switzerland

Festuca decumbens L. Sp. Pl. 75. 1753.

"In Europae pascuis siccis sterilibus."

= *Sieglingia decumbens* (L.) Bernh. Man. U. S.

Festuca ? delawarica (Link) Kunth, Rev. Gram. 1: 129.
1829.

Based on "*Poa delawarica* Link"

Delaware, North America

= *Puccinellia fasciculata* Man. U. S.

Festuca delicatula Lag. Var. Cienf. 4: 39. 1805.

No place cited under species but probably collected
by Lagasca "al lugar de Guadarrama el día 13 de Julio
de 1803, y segundo del viaje que de orden del
Gobierno hizo aquel año a las montañas de Leon
y Principado de Asturias."

Festuca delicatula Savi, Cose Bot. 52. f. 5a, b. 1832.
Not Lag. 1805.

"An *Mygalurus delicatulus* Link?"

[Spain]

No place cited. Italy?

Festuca delicatula Link error in Ind. Kew Suppl. I: 255,
1901-1906;
as syn. of *Loretia delicatula* Willk. 1893.

There is no *Festuca delicatula* Link

Festuca demnatisensis Murbeck, Acta Univ. Lund n. ser.
18(3): 14. f. 1. pl. 2. 1922.

"Aire géogr.: Région inférieure du Grand Atlas
marocain, Pentes schisteuses-argileuses à Damnat,
c. 900 m." Coll. Murbeck

Morocco, Africa

basis of *Catapodium demnatisensis* (Murb.) Maire &
Weiller

Festuca denticulata Beal, Grasses N. Amer. 2: 589. 1896.

Based on "*F. ambigua* Vasey. Not Le Gall. (1852.)"
Oregon (Howell 19 in 1881)

= *Festuca subuliflora* Man. U. S.

Festuca denudata Dum. Obs. Gram. Belg. 104. 1823.

"Belgium"

Festuca depauperata Bertol. Fl. Ital. 1: 620. 1834.
[1833 acc. to Fritzel]

"Habui ex Sardinia a Prof. Morisio, qui eam detexit
in pascuis di Fanni."

Italy

Festuca dertonensis (All.) Aschers. & Graebn. Syn. Mit-
teleur. Fl. 2: 558. 1901.

Based on *Bromus dertonensis* All.

Italy....inter Dertonam & novi copiose (Joan Scheuch-
zer)

[earlier name for species called *Festuca bromoides* L.
See Hackel's letter May 1912.]

Man. U. S.

Festuca dertonensis var. *Broteri* Aschers. & Graebn.

Syn. Mitteleur. Fl. 2: 559. 1901.

Based on *F. hybrida* Brot.

Portugal

Festuca dertonensis var. *gracilis* (Lange) Aschers. &
Graebn. Syn. Mitteleur. Fl. 2: 559. 1901.

Based on *Vulpia sciuroides* var. *gracilis* Lange

[Spain, Lange Coll.]

Festuca dertonensis var. *sciuroides* (Roth.) Briq.

Prodr. Fl. Corse 1: 161. 1910.

Based on "*F. sciuroides* Roth sensu stricto."

Germany

Festuca dertonensis var. *tenella* (Boiss.) Briq. Prodr.
Fl. Corse 1: 161. 1910.

Based on "*F. Myurus* var. *tenella* Boiss." "Voy Espagne"
error for "*Vulpia myurus* var. *tenella* Boiss."

Spain

Festuca dertonensis var. *tenella* subv. *Broteri*
Litard. Candollea 7: 233. 1937.

Based on *F. hybrida* Brot.

Litard. gives "Boiss. & Reut." for basis but *F.*
hybrida Brot. is earlier than *Vulpia Broteri* Boiss.
& Reut.

Portugal

Festuca dertonensis var. *tenella* subv. *hirsuta* Litard.
Candollea 7: 232. 1937.

"Hab. in Corsica, in cistetis prope Corte, haud
procul via ad urbem Bastia adducente, ad alt. 450-
460 m.; R. de Litardière d. 23 maii 1935 leg.--
Typus in herb. R. de Litardière."

Corsica, Italy

Festuca deserti (Coss. & Dur.) Batt. & Trab. Fl. Alger:
(Monoc.) 215. 1895.
Cites "Coss. & DR."

Presumably based on "*F. rubra* var. *deserti* Coss."

"Le Sud oranais, "Ain ben Khelil, Sfissifa, Taoussera
Chott et Gharbi, le Zahreb."

[Algeria Africa]

Festuca deserti ssp. *aurasiaca* (Trabut) St.-Yves,
Candollea 1: 27. 1922.

Based on *F. aurasiaca* Traub in Batt. & Trab.

Montagnes de l'Aures

[Algeria. Africa]

Festuca deserti ssp. *aurasiaca* f. *brevifolia* St. Y.
Candollea 1: 28. 1922.

"Lamina tantum 3-4 cm. lg."

"Prov. Constantine: Dj. Mahmel

N. Africa

Festuca deserti ssp. *aurasiaca* f. *laevioulmis* Maire
& Weiller, Flore de l'Africa de Nord 3: 144. 1955.

"Forme typique"

Festuca deserti ssp. *aurasiaca* f. *scabrioulmis* Maire
& Weiller, Flore de l'Africa du Nord 3: 144. 1955.

"of. St. Yves. l.o." refers to St. Yves, Candollea
1: 27. 1922 - error for 28. On p. 28 is "Forma
oulmis infra paniculum rachique scabris."

Festuca deserti ssp. *Duriaei* St.-Yves, Candollea
1: 26. 1922.

"= *F. rubra* var. *deserti* Coss. & Dur. sensu stricto=
F. deserti Coss. et Dur."

[Algeria. Africa]

Festuca deserti subv. *eu-maroccana* Lit. & Maire

f Lemmes brevilaristata Maire & Weiler--Forme typique
f Lemmes longiaristata Lit. & Maire
f Lemmes mutique Lit. B. Soc. So. Nat. Maroc 15.
p. 265. 1936.

Maire, Fl. Afrique Nord 3: 143. 1955.

Festuca deserti ssp. *marocana* (Trabut) St.-Yves,
Candollea 1: 29. 1922.

Based on *F. marocana* Traub

Maroc, sud de la ville de Maroc.

[Morocco]

Festuca deserti ssp. *maroccana* subv. *pozzicola* Litard.
& Maire, Mém. Soc. Sci. Nat. Maroc. 4: 28. 1924.

"Hab. in pascuis humosis et turfosis alpinis Atlantis
Majoris.--Typus in Herb. Univ. Algeriensis, in Herb.
Institut Imper. Scientiarum Mabatensis, in Herb.
R. de Litardière et in Herb. St.-Yves."

Africa

Festuca deserticola R. A. Phil. Fl. Atac. 56. 1860.

"Ad aquam Varas dictam 24° 38' lat. m., 9700 p.s.m.
legi." [Philippi]

Chile

Festuca deserticola var. *chrysophylla* (R. A. Phil.)
St.-Yves, Candollea 3: 212. 1927.

Based on *F. chrysophylla* R. A. Phil.

[Philippi, Tarapaca]

Festucadeserticola var. *hypsophila* (R. A. Phil.)
St.-Yves, Candollea 3: 210. 1927.

Based on *Festuca hypsophila* R. A. Phil.

[Philippi, Tarapaca]

Festuca deserticola var. *junceae* (R. A. Phil.) St.-Yves,
Candollea 3: 209. 1927.

Based on *F. juncea* R. A. Phil.

[Philippi. Tarapaca]

Festuca deserticola var. *paupera* (R. A. Phil.) St.-Yves,
Candollea 3: 211. 1927.

Based on *F. paupera* R. A. Phil.

[Philippi. Tarapaca]

Festuca desvauxii R. A. Phil. *Limaea* 33: 295. 1864-65.

"Ad radioem Andium in prov. Colchagua in elevatione 2-3000 ped. s. M. crescit, unde attulit orn. Landbeck,--"

Chile

Festuca desvauxii var. *ampla* St.-Yves, Candollea

3: 298. 1927.

"Chili. Prov. de Curico: hacienda Monte Grande, leg. Werdermann Fl. Chil. No. 520 (herb. Deless.)"

Festuca diandra Moench, Meth. Fl. 191. 1794.

"Plantas hortenses" Cult. Europe

Festuca diandra Michx. Fl. Bor. Amer. 1: 67. pl. 10. 1803. Not Moench, 1794.

"Hab. in sylvis antiquissimis regionum Kentucky, Tennessee."

= *Diarrhena americana* Beauv. Man. U. S.

Festuca diaphana Steud. Syn. Fl. Glum. 1: 316. 1854.

"*Brachypodium flexum* var. *abyssinicum* Hochst. hrbr. un. it. nr. 674, 872. *Triticum flexum* Rich.... Abyssin." cited.

Africa

Festuca dichoclada Pilger, Bot. Jahrb. Engler

37: 514. 1906.

"Weberbauer n. 3230."

"Peru: Dep. Ancachs, in declivibus montium Cordillera blanca supra Caraz."

Grasses Ecuador, Peru & Bolivia

Festuca dichotoma Forsk. Fl. Aegypt. Arab. 22. 1775.

"Alexandriae unit. Afr."

Festuca diffusa Dum. Obs. Gram. Belg. 106. 1823.

Belgium

Festuca digitata Brouss. ex Hornem. Hort. Hafn.

1: 96. 1813.

"Hab. ...hort. source unknown"

X *Festuca diluta* Vetter, Verh. Zool. Bot. Ver. Wien 67: 173. 1917.

"bei Wolkersdorf."

Austria

Festuca dimorpha Guss. Fl. Rar. 34. t. 6. 1826.

Italy

Festuca dimorpha Janka, Oesterr. Bot. Zeitschr. 16: 101. 1866. Not Guss. 1826.

"Habitat in Hungaria (M. Tatra); in Transsilvania (versus confines Bucovinae); et in Italia (in regno neapolitano et in Liguria occidentali)."

Europe

Festuca discolor Schur, Verh. Siebenb. Ver. Naturw. 3: 91. 1852, nom. nud.

Rumania

Festuca dissitiflora Steud. (in Lechl. Berb. Amer.

Anstr. 56. 1857, nom. nud.) ex Griseb. Abh. Ges.

Wiss. Göttingen 24: 287. 1879.

"Peru: Lechler 1829." type of nom. nud.

Argentina, Prov. Salta: "Nevado del Castillo." cited by Grisebach.

= *F. rigescens* (Presl) Kunth

Grasses Ec., Peru & Bolivia

Festuca dissitiflora (Baker) Stapf ex St.-Yves, Bull.

Soc. Bot. Genève II. 18: 156. 1926, as syn. of

Festuca camusiana St.-Yves. Not *F. dissitiflora*

Steud. ex Griseb 1879. Made incidentally by

St.-Yves. Given as "nom. in herb."

Based on *Bromus dissitiflorus* Baker

Madagascar, Baron 2092.

Festuca dissitiflora ssp. *eu-dissitiflora* var. *trachy-*

phylla Haak. ex St.-Yves, Candollea 3: 246. 1927,

"Bolivia à l'hacienda de Huancapampa, Buchtlen. Herb. Boliv. sub.: "*F. dissitiflora* Steud. var. *trachyphylla* Haak." (herb. Berlin)."

= *F. rigescens* (Presl) Kunth

Gr. Ecuador, Peru, Boliv.

Festuca dissitiflora ssp. *loricata* (Griseb.) St.-Yves,

Candollea 3: 247. 1927.

var. *eu-loricata* subv. *speciosa* St. Yves l.c. 249. Férou: au-dessus de San Miguel. (Départ. de Cajamarca), Weberbauer Fl. Per. Nos. 3897 et 3935 (herb. Berlin); Sandia, Weberb., Fl. Per. No. 738 (herb. Berlin.)

= *F. dissitiflora* var. *loricata* Griseb.

....s. lato

Argentina

Festuca dissitiflora var. *loricata* Griseb. Abh. Ges.

Wiss. Göttingen 24: 287. 1879.

T = Prov. Tucuman. S = Prov. Salta.

"T. S.: Nevado del Castillo."

Argentina

Festuca dissitiflora ssp. *loricata* var. *eu-loricata*

(Griseb.) St.-Yves, Candollea 3: 247. 1927.

subv. *speciosa* St.-Yves l.c. 249. Férou-Weberbauer

Fl. Peru nos. 3897, 3935 (herb. Berlin); Sandia,

Weberbauer Fl. Per. 738 (herb. Berlin.)

" = *F. dissitiflora* var. *loricata* Griseb. sensu lat."

Argentina

Festuca dissitiflora ssp. *loricata* var. *villipalea*

St.-Yves, Candollea 3: 250. 1927.

"Bolivia: Palca, leg. Pflanz No. 289 (herb. Berlin)."

Festuca dissitiflora var. *mutica* Griseb. Abh. Ges.

Wiss. Göttingen 24: 288. 1879.

"Fl. Lor. 765 ." Lorentz

"ot" = Prov. Catamarca."

"Ct. (Chile austr.: Phil. et Lechl. l.c.)"

l.c. = "Plant Peruv."

[Philippi and Lechler]

Peru; Chile

Festuca distachya var. *aspera* (DC.) Mutel, Fl. Franc.

4: 129. 1837.

Based on *Triticum asperum* DC.

Spain

Festuca distachya var. *monostachya* (Desf.) Guss. Fl.

Sic. Prodr. 1: 112. 1827.

"Id. *F. monostachya* Desf. alt. 1. p. 92. t. 24. f. 2." cited.

Sicily

Festuca distachya var. *pentastachya* (Tineo) Guss. Fl.

Sic. Prodr. 1: 112. 1827.

Based on *Bromus pentastachyos* Tineo.

Sicily

Festuca distachya var. *undulata* Guss. Fl. Sic. Prodr.

1: 112. 1827.

"ad *F. rigidam* Roth quoad habitum proxima."

Sicily

Festuca distachyos (L.) Roth, Cat. Bot. Paso. 1: 11.

1797.

Based on *Bromus distachyos* L.

Basis of *Brachypodium distachyon* (L.) Beauv.

Europe - Orient

Man. U. S.

Festuca distans Beauv. Ess. Agrost. 162. 1812, nom.

nud. Referred to *Poa*.

Festuca distans (L.) Kunth, Rév. Gram. 1: 129. 1829.

(Kunth, Enum. Fl. 1: 393. 1833)

Based on "*Poa distans* Linn."

= *Fuccinellia distans* (L.) Parl.

Austria (D. Jacquin)

Man. U. S.

Festuca distans var. *brigitata* Aschers. & Graebn.

Syn. Mitteleur. Fl. 2: 456. 1900.

Aira *brigitata* Chaix, nom. nud. cited, but described as var. by Aschers. & Graeb.

"Dauphiné bei Briançon (seit chaix)."

France

Festuca distans var. *capillaris* (Liljeb.) Mutel, Fl.

Frang. 4: 116. 1837.

[as new Brand ex Koch, Syn. Deutschl. Fl. ed. 3.

3: 2766. 1907 same basis]

[*Festuca capillaris* Liljeb. Reichenb. f. 1610.]

Oland. Sweden

Festuca distans var. *limosa* (Schur) Simonkai, Enum.

Fl. Transsilv. 585. 1886.

Same comb. made by Aschers. & Graebn. in 1900.

Based on *Atropis distans* var. *limosa* Schur.

Salzboden bei Salzburg. Austria

Festuca distans var. *maritima* (Huds.) Mutel, Fl. Franc.

4: 116. 1837.

Based on *Poa maritima* Huds. = *Fuccinellia maritima* (Huds.) Parl.

England

Festuca distichophylla Michx. Fl. Bor. Amer. 1: 67. 1803

"Hab. in maritimis Carolinae."

= *Distichlis spicata*

Man. U. S.

Festuca distichophylla (Labill.) Hook. f. Fl. Tasm.
2: 127. 1858. Not Michx. 1803.

Based on *Uniola distichophylla* Labill.

Van Diemen = Tasmania

Festuca distichovaginata Pilger, Bot. Jahrb. Engler
37: 511. 1906.

"Weberbauer n. 3317"

"Peru. Dep. Huanuco, in provincia Huamalies"

= *F. dolichophylla*

Grass. Ecuador, Peru, & Bol.

Festuca distichovaginata var. *cajamarcae* (Pilger) St.-
Yves, Candollea 3: 222. 1927.

Based on *F. cajamarcae* Pilger

Peru: Dep. Cajamarca, Weberbauer 3974 [incorrectly
cited no. 3972]

Festuca distichovaginata var. *carazana* (Pilger) St.-Yves,
Candollea 3: 220. 1927.

Based on *F. carazana* Pilger

Peru: Dep. Ancachs, Weberbauer n. 3106.

Festuca distichovaginata var. *carazana* subv. *angustiflora* St.-Yves, Candollea 3: 307. 1927.

"Argentina. Prov. de Salta: Sierra del Cajon, leg.
Rodriguez 27-1-1914, no. 1324."

Type coll. in U. S. Nat. Herb.

Festuca divaricata Desf. Fl. Atlant. 1: 89. pl. 22.
1798.

"Habitat in arenis ad maris littora."

Africa

Festuca divaricata Roth. Catal. Bot. Fasc. 2: 4. 1800.
Not Desf. 1798.

Seed sent from Direct. Achard at Berlin.

Europe

Festuca divaricata Sieber ex Steud. Nom. Bot. ed. 2.
1: 629. 1840, as syn. of *F. maritima*. Not Desf.
1798.

Festuca divaricata Clem. ex Willk. Bot. Zeit 18: 130.
1860, as syn. of *Outandia scleropoides* Willk.
Not Desf. 1798.

Europe

Festuca divaricata var. *dichotoma* (Forsk.) Coss. & Dur.
Expl. Sci. Alger. 2: 183. 1855.*

[Op. cit. p. 302 author says "la variété *dichotoma*
doit être établie comme espèce [*F. dichotoma* Forsk.]
Mais sans numéro d'ordre la plante n'ayant pas été
observée en Algérie]

Based on *F. dichotoma* Forsk.

Alexandria, Egypt

*Dates acc. to Stearn for sheets 16-20 [err. by Stearn
for 30] (i.e. pp. 121-241 [err. by Stearn for 240])
Vol. 2 betw. Apr. 1855 and Oct. 1855.

Festuca divaricata var. *genuina* Coss. & Dur. Expl. Sci.
Alger. 2: 183. 1855.*

[Op. cit. p. 302 author changes this to *F. divaricata*

Based on *Festuca divaricata* Desf.

*Dates acc. to Stearn for sheets 16-20 [err. by
Stearn for 30] (i.e. pp. 121-241 [err. by Stearn for 240])
Vol. 2 betw. Apr. 1855 and Oct. 1855.

Festuca divaricata var. *Memphitica* (Spreng.) Coss. &
Dur. Expl. Sci. Alger. 2: 184. 1855.*

[Op. cit. p. 303 author changes var. to *F.*
memphitica Coss.]

Based on *Festuca memphitica* Boiss. ex Coss, which is
based on *Dactylis memphitica* Spreng.

[Gart. Halle]

*Date acc. to Stearn for sheets 16-20 [err. by Stearn
30] (i.e. pp. 121-241 [err. by Stearn for 240])
Vol. 2 between Apr. 1855 and Oct. 1855.

Festuca diversifolia Boiss. & Bal. Bull. Soc. Bot.
France 4: 306. 1857.

"Bal. pl. Or. exsicc. n. 136 et 746."

"Abondant sur le mont Sipyle près Magnésie, et dans
la région montagneuse du Taurus, près du défilé des
Portes Ciliciennes. Il se retrouve sur l'Ali-Dagh,
près de Césarée."

Turkey, Asia

Festuca dives F. Muell. Fragm. Phyt. Austr. 3: 147.
1862-1863.

"In collibus silvaticis inter flumina Tarwan et
Bunyip creek. F. M."

Australia

Festuca dives Saksdorf, Werdenda 18: 3. 1923.
Not Muell. 1863.

"Am sandigen Stromufer bei Bingen in Washington,
26. Mai 1908 und 17. Mai 1909, Nr. 6153."
[Saksdorf]

= *F. pacifica* Man, U. S.

Festuca djimilensis Boiss. & Bal. Bull. Soc. Bot.
France 21: 18. 1874,

"Region alpine de la vallée de Djimil."
[Lazistan. from title]

Asia minor

Festuca dolicoantha Keng, Claves gram. prim. Sinicarum
163. 1957. nom. nud.; Fl. Illustr. Plant. Prim.
Sinicarum Gram. 127. 1959. descr. Chinese.
China

Festuca dolichophylla Presl, Rel. Haenk. 1: 258. 1830.

"Hab. in montanis Peruviae." Haenke

Andes Grasses

Festuca domingensis Lam. Tabl. Encycl. 1: 189. 1791.

"Ex ins. Domingi." "Jacq misc. 2. p. 363. ia rar!"
which is *Cynosurus domingensis*

= *Leptochloa domingensis*

W. I.

Festuca Dominii Kraj. Acta Bot. Bohem. 9: 198, 201.
1930.

var. *genuina* Kraj. l.o. 198, 199. Moravia, Slovakia.
subvar. *typica* Kraj. l.o. 198, 199. Slovakia
occidentalis: Zbor prope Bratislava.

"Slovakia austro-occidentalis: in arenosis in planitie
fluminis Morava Moravské pole diota inter vicosa
Kuchyna et Plavecký Sturtok, (Domin, Krajina et
Socii) 19. VI. 1929.
[Cech. Exsicc. Cent. II. No. 120]

Europe

Festuca Dominii var. *genuina* subvar. *mucronata* (Hack.)
Kraj. Acta Bot. Bohem. 9: 200. 1930.

Based on *F. ovina* ssp. *eu-ovina* var. *vaginata* f.
mucronata Hack.

Europe

Festuca Dominii var. *genuina* subv. *valida* Kraj. Acta
Bot. Bohem. 9: 200. 1930.

Austria inferior

Festuca Dominii var. *incrassata* Kraj. Acta Bot. Bohem.
9: 200. 1930.

[Czechoslov. Exsicc. Cent. II.]

Europe

Festuca Dominii var. *Margittaii* Kraj. Acta Bot. Bohem.
9: 200. 1930.

"Pest (typus varietatis!) leg. Filarszky et Javorka
(1913)"

[Budapest. Hungary]

Festuca Dominii var. *subjuncea* Kraj. Acta Bot. Bohem.
9: 200. 1930.

"Ad Budapest (1902) leg. Borbas

Hungary

Festuca donacina Wahl. Fl. Suec. 1: 64. 1824.

Based on "*Donax festuaceus* Roem."

[*Arundo festuacea* Willd.]

Germany

Festuca donax Lowe, Trans. Cambridge Phil. Soc. 4: 9.
1831.

"Hab. in Maderae convallibus."

Madeira Isl.

Africa

Festuca drymea var. *Boissieri* Aschers. & Graebn. Syn.
Mitteleur. Fl. 2: 535. 1900.

Based on *F. altissima* Boiss. Elench. 67....nicht All.
Sierra d'Estepona - Spain

Festuca drymea ssp. *exaltata* (Presl) Aschers. & Graebn.
Syn. Mitteleur. Fl. 2: 535. 1900.

Based on *Festuca exaltata* Presl.

[Sicily]

Festuca drymea var. *genuina* subv. *exaltata* (Presl)
Maire, Fl. Afrique Nord 3: 171. 1955.

erroneously cited by Maire as "*F. drymea* var. *genuina*
subv. *exaltata* Hack. Mon. Fest. 197 (1882) sub *F.*
montana."

in Hack. the citation is *F. montana* subv. *exaltata*
(Presl) Hack. based on *F. exaltata* Presl, Fl. sic.
1: XLV (1826)"

Sicily

Festuca drymea var. *luorum* Aschers. & Graebn. Syn.
Mitteleur. Fl. 2: 535. 1900.

Based on *F. luorum* Schur

Rumania

Festuca drymeia var. *elatior* Boiss. Voy. Bot. Esp.
2: 674. 1839-45.

Based on "*F. altissima* Boiss....non All."

Spain

Festuca drymeia var. *grandis* Coss. & Dur. Expl. Sci.

Alger, 2: 297. 1867.*

"*F. grandis* Coss. in herb. olim," cited.

"Hab. in sylvaticis regionis Montanae provinciae Cirtensis verisimiliter in monte Edough prope Bone inventa (H. de la Perraudiere)."

"Acc. to Stearn, pp. 241-330. 1867. Only one vol. of flowering plants published and this called Vol. 2.

Algeria

Festuca drymeja Mert. & Koch. in Roehl. Deutschl. Fl. ed. 3. 1²: 670. 1823.

"In Waldern der Umgegend Wiens."

Austria

Festuca Drymeja var. *fagetina* Schur, Enum. Fl. Transsilv. 797. 1866.

"In der Buchenregion der Kerzesorer Gebirge. Juli 1847."

Europe

Festuca drymeja var. *genuina* (St.-Yves) Litard.

Candollea 10: 117. 1945.

Based on *F. montana* var. *genuina* St.-Yves, Clav. 118. 1927.

Europe

Festuca drymeja var. *genuina* subv. *typica* (Hack.)

Litard. Candollea 10: 117. 1945.

Based on *F. montana* subv. *typica* Hack. Monogr. 196. 1882.

Europe

Festuca dubia A. Rich. Tent. Fl. Abyss. 2: 435. 1851.

"Crescit circa Kemsah in regno Chire... (Martin Dillon)."

Abyssinia, Africa

X *Festuca duernsteinensis* Vetter, Verh. Zool. Bot. Ges.

Wien 72: 116. 1922.

Parents:

F. ovina vulgaris Koch X *glaucua* Lam.

Europe

Festuca dumetorum L. Sp. Pl. ed. 2. 109. 1762.

"Habitat in Hispania."

Festuca dumetorum R. A. Phil. Linnaea 33: 297. 1864-65. Not L. 1762.

"In praedio meo 'S. Juan' crescit."

Chile

Festuca dumetorum var. *caesia* Fries, Nov. Fl. Suec.

Mant. 3: 7. 1842.

"Herbarium Norm[ali] V. n. 98." Scandinavia. "Ad mare occidentale Scaniae, Hollandiae et Bohusiae (Düben)."

Sweden

Festuca dumetorum var. *Hegetschw.* Fl. Schweiz 92. 1840. Not L. 1762.

"Nicht selten in lichten Gebüsch der Berge und Alpen."

Switzerland

Festuca dumetorum var. *memorum* Fries, Nov. Fl. Suec.

Mant. 3: 7. 1842.

Scandinavia

Festuca dumetorum var. *memorum* Blytt, Norges Fl. 145. 1861.

Scandinavia

Festuca dumetorum f. *planifolia* (Hack.) Druce, Rep.

Bot. Soc. Exch. Club Brit. Isles. 1914: 174. 1915.

Presumably based on [*F. rubra planifolia* Hack.]

Austria (St. Poelten)

Festuca dumetorum var. *scopulorum* Fries, Nov. Fl. Suec.

Mant. 3: 7. 1842.

Scandinavia

Festuca dumetorum var. *scopulorum* Blytt, Norges Fl.

145. 1861. See Fries 1839-42.

Scandinavia

Festuca dura (L.) Vill. Hist. Fl. Dauph. 2: 94. 1787.

Based on *Cynosurus durus* L.

= *Sclerochloa dura* Man. U. S.

Europe

Festuca dura Host, Icon. Gram. Austr. 2: 62. pl. 87.

1802. Not Vill. 1787.

"In alpihus Styriae, Carinthiae, Tyrolis, Pannoniae."

Austria

Festuca dura var. *pubifolia* Vetter, Verh. Zool. Bot.

Ver. Wien 65: 159. 1915.

Based on *F. ovina* var. *dura* subv. *pubifolia* Vetter

"Standort: Auf Geröllboden im Teichnitztale bei Kals und im Leitertale bei Heiligenblut"

[Tirol und Vorarlberg]

Austria

Festuca duriuscula Sch. var. *barbata* Tausch. in Opis,

Sernam. Botl. Ceske. 44. 1852.

"*F. barbata* Schrank"

Europe

Festuca duriuscula var. *Djurjurae* Batt. & Trab. Fl.

Alger 2: (Monoc.) 212. 1895.

"Les sommets du Djurjura."

Algeria - Africa

Festuca duriuscula var. *dumetorum* (L.) Huds. Fl. Angl.

ed. 2. 45. 1778.

Based on *F. dumetorum* L.

Hispania
[Spain]

Festuca duriuscula var. *dura* (Host) Schur, Enum. Fl.

Transsilv. 788. 1866.

Based on "*F. dura* Host."

Austria

Festuca duriuscula var. *durissima* Richt. Fl. Eur.

1: 94. 1890.

Based on *F. ovina* var. *duriuscula* subv. *durissima* Hack. ["*F. indigesta* Gren. & Godr. ...non Boiss."]
cited.

France

Festuca duriuscula var. *effusa* Hack. Oesterr. Bot.

Zeitschr. 27: 124. 1877.

"Puerto de Despenaperros; S. de Alfacar."

Spain

Festuca duriuscula var. *elata* Schur, Enum. Fl.

Transsilv. 788. 1866.

"An Hecken, Zäunen, Gebüsch bei Hammersdorf, Hermannstadt, Kronstadt. Jun. Jul."

Rumania

Festuca duriuscula var. *elatiior* Boiss. Voy. Bot. Esp.

2: 670. 1839-45.

"In pascuis pinguioribus regionis alpinae, Sierra Tejada, Sierra Nevada ad San Gerónimo, Prado de la Yegua et ad pedem rupium Corral de Veleta."

Spain

Festuca duriuscula var. *filiformis* Parnell, Grasses

Sootl. 1³: 131, pl. 59. 1842.

"rich soil by the sides of lanes and shady woods."

Scotland

Festuca duriuscula var. *geniculata* Peterm. Fl. Lips.

96. 1838.

"Konnwitz." Germany

Festuca duriuscula var. *glabra* Spenner, Fl. Friburg.

1: 137. 1825.

[Friburg. Germany]

Festuca duriuscula var. *glabra* Duby in DC. Bot. Gall.

1: 518. 1828.

"*F. duriuscula* DC. ...*F. stricta* Gaud. ...*F. curvula* Gaud." cited.

[France]

Festuca duriuscula var. *glaucua* Hartm. Handb. Skand.

Fl. ed. 4. 37. 1843.

"(var. *Södra Sv.*)"

[Scandinavia]

Festuca duriuscula var. *glaucua* (Lam.) Coss. & Germ. Fl.

Env. Paris 2: 651. 1845.

Based on "*F. glaucua* Lam."

France

Festuca duriuscula ssp. *glaucua* (Lam.) P. Fourn, Quatre

Flores France ed. 2. 79. 1946.

Based on *F. glaucua* Lam.

France

Festuca duriuscula ssp. *glaucua* var. *curvula* (Gaudin)

Sen. Bull. Geogr. Bot. 24: 103. 1914.

Presumably based on *Festuca curvula* Gaudin

[Switzerland]

Festuca duriuscula var. *glaucosceus* Anderss. Fl. Scand.

Gram. 22. 1852.

"*F. glaucua* Wbg. ups. n. 73!)" cited.

Scandinavia

- Festuca duriuscula* var. *gracillior* (Hack.) Richt. Fl. Eur. 1: 94. 1890.
- Based on *Fest. ovina* var. *duriuscula* subv. *gracillior* Hack.
France; Spain
- Festuca duriuscula* var. *grandiflora* Gaudin, Agrost. Helv. 1: 252. 1811.
- "Olim circa Nevidum sed nonnisi semel reperi."
Switzerland
- Festuca duriuscula* var. *grandiflora* Reverdatto, Anim. Syst. Univ. Tomsk. 1928(3-4): 4. 1928, in Russian
- Tobolsk. Siberia
- Festuca duriuscula* var. *heterophylla* (Lam.) St. Amans, Fl. Agen. 41. 1821.
- Based on "*F. heterophylla* Lam."
France
- Festuca duriuscula* var. *hirsuta* (Host.) Gaudin, Fl. Helv. 1: 282. 1828.
- [same Peterman Fl. Lips 96. 1838 same basis]
"Gren. & Godr. Fl. Fr. 3: 572. 1855 same basis
- Based on "*F. hirsuta* Host."
Switzerland; Austria
- Festuca duriuscula* var. *hirsuta* Parnell, Grasses Scotl. 1: 131. pl. 58. 1842. Not Gaudin, 1828.
- "occasionally met with in shady places."
Scotland
- Festuca duriuscula* var. *hirsuta* Bor. Fl. Centr. France Ed. 3. 2: 714. 1857.
- "*F. cinerea* Vill., *F. Lemania* Bast." cited.
"Loir. Sologne.--Limoges.--Angers, etc."
France
- Festuca duriuscula* var. *hirsuta* Blytt, Norges Fl. 144. 1861. Not Gaud. 1828.
- Scandinavia
- Festuca duriuscula* var. *hirsuta* Schur, Enum. Fl. Transilv. 787. 1866. Not Gaud. 1828.
- "Auf Wiesen und Triften der Berge und Voralpen"....
Europe
- Festuca duriuscula* var. *hirsuta* Lange, Consp. Fl. Groenland [Medd. Grøn. 3]: 180. 1880.
- "Paa solaabne, oftest graesbevoxede Steder i de laere Bjerggægne indtil 900' over Havet. V. Grøn. mellem 60° og 62°: *β*, Davids Sund (V.)!"
Greenland
- Festuca duriuscula* var. *humilis* Parnell, Grasses Scotl. 1: 131. pl. 60. 1842.
- "in alpine glens."
[Scotland]
- Festuca duriuscula* var. *hystrix* (Boiss.) Boiss. Voy. Bot. Esp. 2: 671. 1839-45.
- Based on "*Festuca hystrix* Boiss."
Sierra Tejeda, Sierra de Tolox, Sierra Nevada [Spain]
- Festuca duriuscula* ssp. *indigesta* (Boiss.) P. Fourn. Quatre Flores France 79. 1946.
- Based on *Festuca indigesta* Boiss.
[Spain]
- Festuca duriuscula* var. *indigesta* (Boiss.) Boiss. Voy. Bot. Esp. 2: 671. 1839-45.
- Based on "*Festuca indigesta* Boiss."
[Spain]
- Festuca duriuscula* var. *laevigata* Gaudin, Agrost. Helv. 1: 251. 1811.
- "In alpinis vulgo." Helvetia
Switzerland
- Festuca duriuscula* var. *leiantha* Schlecht. Fl. Berlin. 1: 67. 1823.
- Berlin
- Festuca duriuscula* ssp. *levis* (Hack.) P. Fourn. Quatre Flores France 80. 1946.
- Based on *F. ovina* ssp. *laevis* Hack.
Europe
- Festuca duriuscula* var. *longifolia* Kraj. Acta Bot. Bohem. 9: 193, 194. 1930.
- Slovakia
- Festuca duriuscula* var. *longifolia* subv. *pallens* f. *pubiculmis* (Hack.) Kraj, op. cit. 194. 1930.
- Based on *F. duriuscula* var. *pubiculmis* Kraj. & Hack.
"Devín dictarum prope Bratislava leg. K. Domin, V. Krajinaest Scotl. 16. VII. 1929.
[Czech. Exsicc. II no. 119]
Slovakia, Europe
[var. *pubiculmis* not published by Hackel ipse so far as I can find A.C. 1955]
- Festuca duriuscula* var. *longifolia* subv. *scabrifolia* (Hack.) Kraj. Acta-Bot. Bohem. 9: 194. 1930.
- Based on *F. glauca* var. *scabrifolia* Hack.
Libšic. [Bohemia]
- Festuca duriuscula* var. *longifolia* subv. *typica* Kraj. Acta Bot. Bohem. 9: 193, 194. 1930.
- "*F. ovina* ssp. *eu-ovina* var. *glauca* subv. *pallens* Hack. p.p. Bohemia, Moravia, Slovakia" cited.
Slovakia, Europe
- Festuca duriuscula* var. *longifolia* subv. *virens* Kraj. Acta Bot. Bohem. 9: 194. 1930.
- "*F. ovina* ssp. *eu-ovina* var. *duriuscula* Hack." p.p. cited.
"Adhuc in finibus nostris in Bohemia observata."
- Festuca duriuscula* var. *marina* Mab. Act. Soc. Linn. Bordeaux 25: 610. 1864.
- "Forme des rochers maritimes et des falaises."
[Autour de Dinan et de Saint-Malo]
France
- Festuca duriuscula* var. *c multiflora* Bast. Ess. Fl. Maine-et-Loire 36. 1809, without descr.
- "var. *multiflora*, 7-11. [florets]
"La var. *g* est peut-etre une espece distincte."
[France]
- Festuca duriuscula* var. *memoralis* Wimm. & Grab. Fl. Silos. 1: 85. 1827.
- "Cent. sil. 14." cited.
"in memoribus praesertim fagetis et pinetis (Skarsine Lissa etc.)" [Silesia. Germany]
- Festuca duriuscula* var. *memoralis* Bluff & Nees, Comp. Fl. Germ. ed. 2. 1: 177. 1836. Not Wimm. & Grab. 1827.
- "M. & K. 1: 648" [Mert. & Koch 1: 648.]
- Festuca duriuscula* var. *memoralis* Ritschls in Spribille Nat. Ver. Posen Zeitschr. Bot. 2: 48. 1895.
- Germany
- Festuca duriuscula* var. *memorosa* Spenner, Fl. Friburg. 1: 138. 1825.
- [Friburg, Germany]
- Festuca duriuscula* ssp. *ochroleuca* (Timbal.) P. Fourn. Quatre Flores France ed. 2. 1946.
- Based on *Festuca ochroleuca* Timbal.
France
- Festuca duriuscula* var. *ochroleuca* Timbal. ex Husnot, Gram. Fr. Belge 61. 1899.
- France, Belge (no loc. cited)
- Festuca duriuscula* var. *oliganthos* Gaudin, Agrost. Helv. 1: 251. 1811.
- "In pratis et sylvis" Helvetia
Switzerland
- Festuca duriuscula* var. *pallens* (Host) Kraj. Acta Bot. Bohem. 9: 195. 1930.
- subv. *typica* Kraj. l.c. 195. Austria inferior, Stiria superior.
- Based on *F. pallens* Host.
Austria
- Festuca duriuscula* var. *pallens* subv. *slovenica* Kraj. Acta Bot. Bohem. 9: 195. 1930.
- f. *raachsturmensis* Kraj. l.c. Raachsturm ad Sološnica prope Malacky.
- "In montibus Carpatorum occidentaliu (Slovakia)."
- Festuca duriuscula* var. *pallens* subv. *slovenica* f. *fatrensis* Kraj. Acta Bot. Bohem. 9: 195. 1930.
- "Velká Fatra prope Stubbanské Teplice....leg. Maloch; Hermanec (leg. Trapl.)."
- Festuca duriuscula* var. *pannonica* (Wulf.) Kraj. Acta Bot. Bohem. 9: 193. 1930.
- Based on *Festuca pannonica* Wulf.
Austria
- Festuca duriuscula* var. *parviflora* Hack. Termesz. Füzetek 2⁴: 16. 1878.
- "Herbar Kitaibel, im Banat gesammelt."
Hungary

Festuca duriuscula var. *pauciflora* Heuff. Verh. Zool.-Bot. Ges. Wien 8: 232. 1858.

Banatus Temesiensis
Hungary

Festuca duriuscula var. *polyanthos* Gaudin, Agrost. Helv. 1: 251. 1811.

"In pratis et sylvis." Helvetia
Switzerland

Festuca duriuscula var. *polystachya* Hack. Termész. Füzetek 2: 15. 1878.

"Herbar Kitaibel"
Europe

Festuca duriuscula var. *pratensis* Anderss. Fl. Scand. Gram. 22. 1852.

Scandinavia

Festuca duriuscula var. *pubescens* Bast. Ess. Fl. Maine-et-Loire 36. 1809, without descr.

[France]

Festuca duriuscula var. *pubescens* Spenner, Fl. Friburg. 1: 137. 1825.

[Friburg, Germany]

Festuca duriuscula var. *pubescens* (Hack.) Richt. Fl. Eur. 1: 94. 1890. Not Spenner, 1825.

Based on *Festuca ovina* var. *duriuscula* subv. *pubescens* Hack.

Europe [no particular loc. cited]

Festuca duriuscula var. *pubiculmis* Hack. in Rohlena, Sitzb. Böhm. Ges. Wiss. Math. Naturw. Cl. 24: 4. 1899. (description in Bohemian)

"Roztok." Bohemia. Eur.
nördlich von Prag (Rohlena)"

The article is by Rohlena, & Hackel's name is after var. Mention of Hack. is made at beginning of article in Bohemian. (Not translated) St.-Yves credits to Hackel.

Festuca duriuscula var. *pubiculmis* (Hack.) Farwell Papers of Mich. Acad. Sci. 26: 7. 1940.

"*Festuca ovina* var. *pubiculmis* Hackel" cited, but Hackel published *Festuca duriuscula* var. *pubiculmis* Hack. 1899, not *ovina* var. *Festuca ovina* var. *pubiculmis* (Hack.) Aschers. & Graeb. 1900. Farwell's publication erroneous Not in syn. Man. II.

Specimens so named in Farwell. Herb. in Cranbrook Institute are *F. rubra* L. This and some other grasses borrowed June 1946. A.C. June 1946.

Festuca duriuscula var. *pyrenaica* Willk. in Willk. & Lange, Prodr. Fl. Hisp. 1: 94. 1861.

"*F. dura* DC."

"in Pyrenaeis." Spain

Festuca duriuscula var. *rivularis* (Boiss.) Boiss. Voy. Bot. Esp. 2: 671. 1839-45.

Based on "*F. rivularis* Boiss."
Sierra Nevada [Spain]

Festuca duriuscula f. *robusta* (Hack.) Richt. Fl. Eur. 1: 94. 1890.

Based on *F. ovina* var. *duriuscula* subv. *robusta* Hack.
Betruria in Mte. Ferrato pr. Prato.

Italy

Festuca duriuscula var. *rubra* Parnell, Grasses Scotl. 1: 131. pl. 60. 1842.

"*Festuca rubra* of Koch, Hooker."
Europe

Festuca duriuscula var. *rubra* (L.) Wood, Amer. Bot. & Flor. Pt. 2. 399. 1871.

Presumably based on *F. rubra* L.

"N" = "indicates generally the territory north of 42° N. latitude" [Eastern U. S.]

= *F. rubra* L. Man. U. S.

Festuca duriuscula var. *sandomiriensis* Zapal. Consp. Fl. Galic. Crit. Rozpr. Wydz. Mat.-Przyr. Akad. Umiejetn. Krakow III. 4, B. 173. 1904 (Aug. 11)

"Puszcza Sandomierska (Jachno)."
Galicia, Poland

LC Book no. is AS 142
K 87

Festuca duriuscula var. *stricta* (Host) Schur, Enum. Fl. Transsilv. 787. 1866.

Based on "*F. stricta* Host"
Austria

Festuca duriuscula var. *subhirsuta* Schur, Enum. Fl. Transsilv. 787. 1866.

"Auf sonnigen Waldwiesen, Waldrändern, Gebüsch; Hermannstadt, Kronstadt. Jun. Jul."

Hungary

Festuca duriuscula var. *subvillosa* Spenner, Fl. Friburg. 1: 137. 1825.

[Friburg, Germany]

Festuca duriuscula var. *temis* Hack. Termész. Füzetek 2: 16. 1878.

"Herbar Kitaibel."

in Hack. Mon. Pest. Eur. 103. 1882 this name is cited as syn. and basis of *F. ovina* ssp. *sulcata* var. *temissima* Hack.

Hungary

Festuca duriuscula var. *trachyphylla* (Hack.) Richt. Fl. Eur. 1: 94. 1890.

Based on *Fest. ovina* var. *duriuscula* subv. *trachyphylla* Hack.

Europe

Festuca duriuscula var. *umbrosa* Heuff. Verh. Zool. Bot. Ges. Wien 8: 232. 1858.

Banatus Temesiensis
Hungary

Festuca duriuscula var. *valdevestita* Domin, Beih. Bot. Centralbl. Abt. II. 26: 277. 1910.

"Elbtal: Bei Ušetaty auf zwei entfernten Lokalitäten"
[Bohemia] Czechoslovakia

Festuca duriuscula var. *valesiaca* Bluff & Nees, Comp. Fl. Germ. ed. 2. 1: 177. 1836.

"*F. valesiaca* Schleich.
[valesiaca]

Germany

Festuca duriuscula B. & valesiaca (Reichenb.) Mutel, Fl. Frang. 4: 101. 1837. Not Bluff & Nees 1836.

"*F. valesiaca* Rohb. [Agrost. Germ.] cent. 11. f. 1547."

[= Icon. Bot. Cent. 11.]

= Icon Gram. et Cyp. Fl. Germanica 1834] 2 title pages vol. 1. plates 1-110.

[Germany]

Festuca duriuscula var. *vallesiaca* (Schleich.) Celak. Prodr. Fl. Bohm. 722. 1881.

(Schleich. spec.) Based on *F. vallesiaca* Schleich.
Switzerland

Festuca duriuscula ssp. *vallesiaca* [iaca Schleich] (Schleich.) P. Fourn. Quatre Flores France ed. 2. 79. 1946.

Based on *F. valesiaca* Schleich.
Switzerland

Festuca duriuscula var. *villosa* Spenner, Fl. Friburg. 1: 137. 1825.

[Friburg, Germany]

Festuca duriuscula var. *villosa* Bluff & Nees, Comp. Fl. Germ. ed. 2. 1: 177. 1836. Not Spenner 1825.

"N. & K. 1: 648." [Mert. & Koch]
Germany

Festuca duriuscula var. *villosa* Coss. & Germ. Fl. Env. Paris 2: 651. 1845. Not Spenner, 1825.

environs de Paris, France

Festuca duriuscula var. *villosa* (Sohrad.) Richt. Fl. Eur. 1: 94. 1890. Not Spenner, 1825.

Based on "*Festuca ovina* var. *villosa* Sohrad."
[Austria]

Festuca duriuscula var. *violacea* Munro in Aitch. Journ. Linn. Soc. Bot. 18: 109. 1880, nom. nud.

"Collected by Griffith, summit of Kohbaba, 14,500 feet.
Sikardam, 13,000 feet; August. Afghanistan.
Aitchison 1256.

Asia

Festuca duriuscula var. *vivipara* Opiz, Lotus 3: 182. 1853, without descr.

"am Wege nach den Schneegrubenrändern. Pösch."
Bohemia

Festuca duriuscula var. *vulgaris* Spenner, Fl. Friburg. 1: 137. 1825.

F. ovina DC. Suppl. no. 1882. var. a.
Friburg, Germany

Festuca Duthiei Hack. ex Stapf in Hook. f. Fl. Brit. Ind. 7: 352. 1896, as syn. of *F. altaica* Trin.
India

Festuca duvalii (St. Yves) Stohr, Wissenschaftl.-Zeitschr. Univ. Halle, Math. Nat. 4: 732. (20. VI 1955).

Based on *F. ovina* ssp. *sulcata* var. *duvalii* St. Yves, Bull. Soc. Bot. France 71: 38. 1924.

var. *duvalii* l.c.
var. *multinervis* Stohr l.c.

Typus: Elbtal zwischen Trebitz & Pretzsch, --- (leg. O. Stohr 30. VI. 1955; in Herb. Halle.

Festuca duvalii Markgraf-Dannenb. Berichte Bayerish.
Bot. Gesell. 32: 83. 1958.*

"....*Festuca glauca*, auch als *Festuca duvalii* oder als *Festuca psammophila* bezeichnet...."

*p. 87 "*Festuca duvalii* St. Yves"

Festuca duvalii var. *multinervis* Stohr, Wissenschaftl.
Zeitschr. Martin-Luther-Univ. Halle-Wittenberg
9: 395. 1960.

"Typus: Elbtal zwischen Trebitz und Fretzsch. Eichen-
Kiefern-Waldrand, an der Strasse (leg. G. Stohr
30. VI. 1955; in Herb. Halle)."

Verbreitung: Vereinzelt mit dem Typ. zusammen.

Festuca earlei Rydb. Bull. Torrey Club 32: 608. 1905.

Baker, Earle & Tracy 920, July 11, 1898.

La Plata Canon, Colo.

= *F. rubra* Man. U. S.

Festuca eastwoodae Piper, Contr. U. S. Nat. Herb.
10: 16. 1906.

Alice Eastwood, May 1897.

Monterey Co., Cal.

Milpitas Ranch, Santa Lucia Mts.
coll. Alice Eastwood, Type Man. U. S.

Festuca egna Krecz. & Boer. in Kom. Fl. U.R.S.S.

2: 523, 769. pl. 40. f. 18 a-d. 1934.

F. rubra var. *glabra* Trautv. cited.

"Spec. typ.: Jacoutia, distr. Kolymak, prope Pochods-
koje, in pratis paludosis, 24 VII. 1905. leg.
I. Schulga."

Siberia

Festuca ehrenbergii (Hauasskn.) Aschers. & Graebn. Syn.

Mittelleur. Fl. 2: 564. 1901.

Based on "*Sphenopus Ehrenbergii* Hauasskn."

Alexandria, Egypt. Ehrenberg, coll.

Festuca elata Keng, Claves gram. prim. Sinclearum.

163. 1957. nom. nud.; Keng, Fl. Illustr.

Plant. Prim. Sinclearum Gram. 121. f. 85. 1959.

describ. Chinese.

*A. N. Steward---Loh Hoh Tsuen.

China

Festuca elatior L. Sp. Pl. 75. 1753.

"In Europae pratis fertilissimis"

Festuca elatior Ucria, Hort. Reg. Panhorm. 80. 1789.

Not L. 1753.

= *Ampelodesmos tenax* Link fide Aschers. & Graebn.
Syn. Mittelleur. Fl. 2: 327. 1900.

Pritzel gives it Panhorm.

Italy

Festuca elatior A) *adscondens* (Retz.) Liljeb. Utk.

Svensk Fl. ed. 2. 47. 1798, in Scandinavian

Based on *F. adscondens* Retz.

[Scandinavia]

Sweden

Festuca elatior var. *alpina* Schur, Enum. Fl. Transsilv.
799. 1866.

"Schur sert. n. 3203." Transsilvania

Hungary

Festuca elatior var. *angustata* Mutel, Fl. Franq.

4: 110. pl. 88. f. 619. 1837.

"rochers du haut de l'aqueduc à Bone (Mut.)"

[France]

Festuca elatior II. *apennina* (De Not.) Hayek, Repert.

Sp. Nov. Fedde Beih. 30: 291. 1932.

Based on *Festuca apennina* De Not.

Liguria or. Italy

Festuca elatior ssp. *arundinacea* Hack. Monogr. Fest.

Eur. 152. 1882.

"*F. arundinacea* Parl." [Schreb. misappl. by]

Eurasia

Festuca elatior ssp. II. *arundinacea* (Parl.) Hack.
Monogr. Fest. Eur. 152. 1882.

var. 1. *genuina* 153
subv. *vulgaris* Hack. 153
strictior Hack. 154
pauciflora (Hartm.) 154
orientalis (Kerner herb.) 154
subalpina Hack. 154
mediterranea Hack. 154
fasciculata (Sonder) 155
var. 2. *Uechritziana* (Wiesb.) Hack. 155
var. 3. *fenas* (Lag.) Hack. 156
subvar. *typica* Hack.
conferta Hack. 157
corsica Hack. 157
spuria Hack. 157
longiglumis Hack. 157.

Festuca elatior var. *arundinacea* (Schreb.) Wimm. Fl.

Schles. ed. 3. 59. 1857.

Based on *F. arundinacea* Schreb.

Biniz [Germany]

Festuca elatior ssp. *arundinacea* var. *atlantigena*

St.-Yves, Candollea 1: 36. 1922.

"Hab. - Maroc, dans le Grand Atlas: Ourika au Dj.
Timin Kar. ... (R. Maire 14. VII. 1921); M. Timhadit..
(R. Maire 26. VII. 1921)."

Africa

Festuca elatior ssp. *arundinacea* var. *atlantigena* f.
laeviglumis Litard, Bull. Soc. Hist. Nat. Afr. Nord
33: 229. 1942.

"Pentes inférieures du Djebel Zaghouan; leg. Serres,
29-4-1942."

Tunis, Africa

Festuca elatior ssp. *arundinacea* var. *atlantigena*

f. *pseudo-Mairei* Litard, & Maire in Lit. & Maire
no 194. 1931.

f. *laeviglumis* R. Lit. Bot. Soc. H. N. Afr. Nord
33: 229. 1943.

no specimens cited

Festuca elatior ssp. *arundinacea* var. *cirtensis* St.-Yves,

Candollea 1: 36. 1922.

"Hab. -Algérie. Province de Constantine: Djebel
Ouahche (herb. July in herb. Univ. Alg.)"

Algeria

Africa

Festuca elatior ssp. *arundinacea* var. *decipiens* Hack.
ex St.-Yves, Candollea 3: 415. 1928.

"Grèce: Etolie près Kryoneri, près marécageux, Herb.
Heldreich!! (herb. Berlin, 2 parts). Corfou: bords
des marais, Spreitzenhofer lt. ionic. II (herb.
Berlin)."

Greece

Festuca elatior ssp. *arundinacea* f. *dubia* Belli,

Malpighia 14: 295. 1901.

"Susa, presso Foresto, 19, VI, 89, leg. Ferrari."

Italy---Herb. R. Ist. Bot. Torino

Festuca elatior ssp. *arundinacea* var. *fenas* (Lag.)

Hack. Bot. Centralbl. 8: 407. 1881.

(Hack. Monogr. Fest. Eur. 156 1882)

Based on *F. fenas* Lag.

juxta rivulos Orocelis, Murciae, albique in Hisp.
merid.

Spain

Festuca elatior ssp. *arundinacea* var. *genuina* Hack.

Monogr. Fest. Eur. 153. 1882.

"*F. elatior* L. Sp. Pl. ed. 2. 111 (1762) non Fl.
suec. - *F. arundinacea* Schreb. Spicil. Fl. Lips.
57. (1771)

Europe

Festuca elatior subsp. *arundinacea* var. *glaucescens*

(Boiss.) Hack Monogr. Fest. Eur. 156. 1882.

Based on *F. arundinacea* var. *glaucescens* Boiss.

Spain

Festuca elatior ssp. *arundinacea* var. *glaucescens* Boiss.

subv. *corsica* (Hack.) St.-Yves, Rev. Bret. no. 2: 86.
1927.

Gallia in Alpibus maritimis. Ins. Corsica.

Based on *F. elatior* ssp. *arundinacea* var. *fenas*
subv. *corsica* Hack.

Corsica

Festuca elatior ssp. *arundinacea* var. *glaucescens*

subv. *longiglumis* (Hack.) St.-Yves, Rev. Bret.
no. 2. 86. 1927.

Gallia in Alpibus maritimis. Ins. Corsica.

Festuca elatior ssp. *arundinacea* var. *glaucescens* subv.

minutiflora St.-Yves, Bull. Soc. Bot. France 71: 125.
1924.

"Habit.--Espagne: Sierra Nevada: Dehesa de San
Geronimo...sub *Festuca* no. 503 (herb. Coss.)"

Spain

Festuca elatior subsp. *arundinacea* var. *glaucescens*

Boiss. subvar. *Rodiei* St.-Yves, Rev. Bret. no. 2: 86.
1927. Gallia in Alpibus maritimis. Ins. Corsica.

subvar. *corsica* (---var. *fenas* subvar. *corsica*
Hack.)

" *longiglumis* (---var. *longigl.* Hack.)

" *spuria* p. 87 (---var. *spuria* Hack.)

see cards for each name

Festuca elatior ssp. *arundinacea* var. *glaucescens* subv.

spuria (Hack.) St.-Yves, Rev. Bret. No. 2: 87. 1927.

Based on *F. elatior* subsp. *arundinacea* var. *fenas*
subv. *spuria* Hack.

pr. Bonifacio l. Requien, pr. Sartène l. Beverchon.,
Italiae superioris (Castrocaro pr. Forli l. Sommier
[subvar. A.]...Croatiae (Fiume l. Braig subvar. B.)

Festuca elatior ssp. *arundinacea* var. *glaucescens* subv.
tunetana St.-Yves, Candollea 1: 32. 1922.

Tunis Africa

Festuca elatior ssp. *arundinacea* var. *Letourneuxiana*
St.-Yves, Candollea 1: 34. 1922.

Festuca elatior ssp. *arundinacea* var. *Letourneuxiana*
f. *leiantha* Litard, Bull. Soc. Hist. Nat. Afr.
Nord 33: 228. 1942.

"Bord de l'oued de Sbeitla, associé à *Apium nodiflorum* (L.) Lag.: 28-4-1942." "Notre excellent confrère Mme Pottier-Alapetite, chargée de mission du Service botanique de la Tunisie... au cours d'un voyage effectué en mars-avril 1942." Some were collected by M. Serres of Tunis.

Tunis, Africa

Festuca elatior ssp. *arundinacea* var. *Letourneuxiana*
subv. *pitardii* St.-Yves, Candollea 1: 34. 1922.

"Maroc.: Bou-Azza (Pitard no. 1294)

Morocco

Festuca elatior ssp. *arundinacea* var. *Letourneuxiana*
subv. *pseudo-vulgaris* St.-Yves, Candollea 1: 34. 1922.

Tunisie: Kandet el Tedjar (Letourn. 1886-87), Oued Cherchera (Letourn. 1884).

Africa

Festuca elatior ssp. *arundinacea* var. *mediterranea*
Hack. ex Litard, Arch. Bot. Bull. Mens. 1: 60. 1927,
without description.

Maroc - Algeria

Festuca elatior ssp. *arundinacea* var. *minutiflora* (St.-
Yves) Litard, Candollea 10: 141. 1945.

Based on *F. elatior* subsp. *arundinacea* var. *glaucescens* subvar. *minutiflora* St.-Yves

Habit.-Espagne: Sierra Nevada: Dehesa de San Geronimo
...sub *Festuca* no. 503 (herb. Coss.)

Spain

Festuca elatior ssp. *arundinacea* var. *minutiflora* subv.
Duvalii Litard, Candollea 10: 142. 1945.

"Hab. in Gallia meridionali (Bouches-du-Rhône, Hérsault, Pyrénées-Orientales). ins. Balearibus (Menorca) et Hispania orientali. -- Typus in hb. Coste, Gandoger, R. Lit., Inst. bot. monsp., Inst. bot. tolos."

"= *F. interrupta* var. *pungens* Mandon, Bull. Soc. Bot. Roch. 18(1896): 47. 1897. p.p."

France

Festuca elatior ssp. *arundinacea* var. *minutiflora* (St.-Yves)
subv. *nevadensis* Candollea 10: 141. 1945.

Based on "var. *glaucescens* subv. *minutiflora* St.-Yves s. str. = subvar. *nevadensis* R. Litard." -- "à la Sierra Nevada" "recoltés par Huter, Porto et Rigo, It. hisp. 1879, n. 503. sub *Festuca*, dans la Sierra Nevada (Dehesa de San Geronimo, 2000m.) et conservés dans l'herbier Cossou."

Festuca elatior ssp. *arundinacea* var. *Uechtritziana*
(Wiesbaur) Hack. Bot. Centralbl. 8: 407. 1881.
(Hack. Monogr. Fest. Eur. 155. 1882)

Based on *F. Uechtritziana* Wiesbaur!

Niederösterreich Austria

Festuca elatior var. *aspera* Mutel, Fl. Franç. 4: 110.
pl. 88. f. 620. 1837.

"lazarat de Marseille (Mut.)"

[France]

Festuca elatior f. *colorata* Waisbecker, Osterr. Bot.
Zeitschr. 51: 127. 1901.

"An grasigen Stellen in Vörösvágás."

Austria

Festuca elatior ssp. *elatior* var. *Letourneuxiana*
subv. *pitardii* St. Yves, Candollea 1: 34. 1922.

no specimen cited
North Africa

f. *leiantha* R. Lit. Bot. Soc. Hist. N. Afr. Nord
33: 228. 1943.

Festuca elatior var. *fasciculata* Sond. Fl. Hamburg.
64. 1851.

"am Stadtgraben und am Elbufer."

Germany

Festuca elatior var. *Penas* subv. *corsica* Hack. in
Barbey, Fl. Sard. Comp. 72. 1884.

"Rev.[erchon] 1882, sub *F. pratensis* Huds. lieux humides à Tempio."

Sardinia, Italy

Festuca elatior var. *fertilis* Sincl. Hort. Gram. Wob.
256, with specimen. 1816.

Grass garden. England

X *Festuca elatior* X *gigantea* Druce, List. Brit. Fl.
Ed. 2. 132. 1928, without descr. "= Schlikhumi
Grantz." only, cited.

Festuca elatior var. *intermedia* (Hack.) Richt. Fl.
Eur. 1: 101. 1890.

Based on *Fest. elatior* ssp. *pratensis* var. *genuina*
subvar.? *intermedia* Hack.

prope Charkow Rossiae, leg. Meinhard

Festuca elatior var. *interrupta* (Desf.) Coutinho, Bol.
Soc. Broteriana II. 10: 59. 1935.

Presumably based on *F. interrupta* Desf.

Africa

Festuca elatior var. *littorea* (Retz.) Liljeb. Utk.
Svensk. Fl. ed. 2. 47. 1798, in Scandinavian.

Based on *Bromus littoreus* Retz.

[Scandinavia]

Festuca elatior var. *littorea* Mutel, Fl. Franç. 4: 110.
pl. 88. f. 621. 1837.

"rochers maritimes des Pyr. Or. (Xatart) et de Bone (Mut.)."

[France]

Festuca elatior var. *loliacea* Kummer & Sendtn. Flora
32: 757. 1849.

"in pratis inter Kupriss et Suize. (62)."

Bosnia Europe

Festuca elatior var. *loliacea* Sond. Fl. Hamburg. 64.
1851.

"*F. loliacea* Auct. nonnull. (e.g. Meyer fl. Hanov. exo.)."

Germany

See same Kummer & Sendtn. 1849.

Festuca elatior var. *minor* Munro in Aitch. Journ. Linn.
Soc. Bot. 18: 109. 1880, nom. nud.

"Fields, Shálizán, common; May."

Aitchison 424. Afghanistan

Festuca elatior var. *moerostachya* Schur, Enum. Fl.
Transsilv. 799. 1866.

"Auf Wiesen und unbebauten Orten: Kronstadt, Hermannstadt, Klausenburg."

Hungary

Festuca elatior var. *muconata* Schur, Enum. Fl.
Transsilv. 799. 1866.

"Auf Wiesen bei Hermannstadt."

Hungary

Festuca elatior var. *pluriflora* (Schult.) Fiori, Nuov.
Fl. Anal. Ital. 1: 137. 1923.

Based on *F. pluriflora* Schult.

Sicily

Festuca elatior var. *podolica* Zapal, Conspect. Fl. Galic.
Crit. Rozpr. Wydz. Mat.-Przyr. Akad. Umiejtn.
Krakow III. 4, B. 181. 1904. Aug. 11.

"Ostaple, tu typowe; Jarmolinoc (Paczoski)."

Galicia, Poland

[Zapal, Conspect. Fl. Galic. Crit. 1: 68, which corresponds to above in subject matter was not published until 1906.]

Festuca elatior ssp. *pratensis* (Huds.) Hack. Monogr.
Fest. Eur. 150. 1882. Not Gray as var. 1867.

Based on *Festuca pratensis* Huds.

Festuca elatior ssp. *I. pratensis* (Huds.) Hack. Monogr.
Fest. Eur. 150. 1882.

var. 1. *genuina* Hack. l.c.
subv. *typica* Hack.
pseudololiacea (Fries) Hack.
intermedia Hack.
fasciculata (Sond.) Hack.

var. 2. *multiflora* (Fresl) Hack.

var. 3. *apennina* (De Not) Hack.

Festuca elatior var. *pratensis* (Huds.) A. Gray, Man.
Bot. ed. 5. 634. 1867.

Based on *F. pratensis* Huds.

England

Festuca elatior ssp. *pratensis* var. *apennina* (De Not.)
Hack. Bot. Centralbl. 8: 407. 1881.
(Hack. Monogr. Fest. Eur. 152. 1882)

Based on *F. apennina* De Not.!

Italy

Liguria orientalis, monte Gottro, S. Stefano d'Aveto, Traverso.

[Italy]

Festuca elatior ssp. *pratensis* var. *elbursiana* Rech.
f. Repert. Sp. Nov. Fedde 48: 165. 1940.

"Zentral-Elburs: Quellige Stellen am Sudhang des Toal bei Pasgaleh nächst Darband, ca. 2000 m, 25. VI. 1937 (1144)." [Rechinger f., Coll.]

Iran

Festuca elatior ssp. *pratensis* var. *insularis* J. Vetter
in Rechinger, Beih. Bot. Centralbl. 54B: 685. 1936

"Samos: Mittlere Region des Amelos, Bachufer, ca. 700m. (2100)."

Grecian archipelago

Festuca elatior ssp. *pratensis* var. *multiflora* Haack.

Monogr. Fest. Eur. 151. 1882.

Based on "F. multiflora Presl...non Hoffm."

Montium S. Martini

[Sicily]

Festuca elatior ssp. *pratensis* var. *pallida* Podpěra,

Květena Moravy 6: 163. 1926; Acta Soc. Sci. Nat.

Morav. 2: 433. 1926, descr. Czechoslov.

Based on "F. elatior f. *pallida* Podpěra Plantae mor. novae vel. n. cogn. 10. 1922."

"Čejč: V akátech na Špičáku (Podp.)!"

Czechoslovakia

Festuca elatior ssp. *pratensis* var. *pratensis* subv.

Hocquettei Litard. Bull. Soc. Bot. Belg. 55: 153.

1923.

"France, Nord: Lille, lieux humides....(R. Lit. et M. Hocquette, 16 juin 1922)."

Festuca elatior var. *pratensis* subv. *simplex* (Boiss. &

Bal.) Boiss. Fl. Orient. 5: 622. 1884.

Based on "F. *simplex* Boiss. et Bal."

Cappadocia...Coll. Balansa

Asia Minor

Festuca elatior var. *pseudo-loliacea* Fries ex Aschers.

Fl. Prov. Brandenb. 1: 854. 1864.

"F. *loliacea* many authors but not Huds., nooh Curt." cited.

Brandenburg, Germany

Festuca elatior var. *pseudololiacea* (Fries) Haack. ex

Druce, List Brit. Fl. 83. 1908.

Based on *Festuca pseudololiacea* Fries

Scandinavia

Festuca elatior var. *pubescens* Mutel, Fl. Franc. 4: 109.

pl. 88. f. 618. 1837.

"Grenoble, bois à Mutzig, bords du Rhin à Strasbourg (Mut.)"

[France]

Germany

Festuca elatior var. *sioula* Parl. Fl. Ital. 1: 455.

1848.

"*Festuca multiflora* Presl cyp. et gram. sic. p. 37. Guss. fl. sic. prodr. 1. p. 108. & c." cited.

Sicily

Festuca elatior var. *simplex* Celak. Prodr. Fl. Bohm.

723. 1881.

"So auf hartem trockenen Boden: bei Prag nächst dem Baumgarten! auf der Kaiserwiese!"

Bohemia

Festuca elatior var. *sterilis* Sincl. Hort. Gram. Wob.

254, with specimen. 1816.

"Native of Britain."

Festuca elatior var. *subaristata* Zapal. Consp. Fl.

Galic. Crit., Rozpr. Wydz. Mat.-Przys. Akad. Umiejety

Krakow III. 4, B. 181. 1904.

"Zokolicoy Krakowa (Krupa)."

Galicia, Poland

[Zapal. Consp. Fl. Gal. Crit. 1: 68 which corresponds to 1904 publication was not published until 1906.]

At L. C.

Call no. AS 142 K 87

Festuca elatior var. *subloliacea* Hartm. Handb. Skand.

Fl. ed. 5. 286. 1849.

[Scandinavia]

Festuca elatior var. *subspicata* G. Meyer, Chloris

Hanov. 622. 1836.

"Göttingen: Z. B. vor dem Gröner Thore, bei der Stegemühle, hier auch die Spielart...Herzogthum Bremen: (die Spielart bei Bremen)."

[Germany]

Festuca elatior var. *umbrosa* Mutel, Fl. Franc.

4: 110. 1837.

"bords de la Seine et de la Marne près Paris de l'Isère près Grenoble, du Rhin, etc. (Mut.)"

[France]

Festuca elatiori-perennis Schultz, Pollichia 20, 21:

278. 1863.

"(F. *pratensis*-*perennis* F. Schultz; F. *loliacea* Huds.)."

Germany

Festuca elegans Boiss. Elench. 92. 1838.

"Hab. in declivitatibus in Sierra Nevada loco Fra de la Yegua dicto."

Spain

Festuca elliotii Haack. Repert. Sp. Nov. Fedde

2: 70. 1906.

Chile: Las Cuñas, in declivibus 3300-3400 m. s. m. caespitos densos formans, Jan. 1904. leg Scott Elliot

Festuca elmeri Scribn. & Merr. Bull. Torrey Club

29: 468. 1902.

"collected by A. D. E. Elmer at Stanford University, Santa Clara County, California, no. 2101, April, 1900."

Man. U. S.

Festuca elmeri var. *conferta* (Haack.) Hitchc. Amer.

Journ. Bot. 21: 128. 1934.

Based on *Festuca jonesii* var. *conferta* Haack.

Man. U. S.

California

Festuca elmeri *luxurians* Piper, Contr. U. S. Nat. Herb.

10: 38. 1906.

Based on F. *jonesii* var. *conferta* Haack.

= F. *elmeri* var. *conferta* (Haack.) Hitchc. Man. U.S.

California

Festuca elongata Ehrh. Beitr. Naturk. 6: 83, 133. 1791.

"Electoralus Brunsvico-Luneburgicus...Exsiccata. Ehrh. oal. n. 93."

Brunswick, Germany

Festuca eminens (H.B.K.) Kunth, Hév. Gram. 1: 132. 1829.

"(Bromus procerus Humb. et Kunth.-Schenodorus procerus Boem. et Schult.)" [only ref. cited] --Quito, ut subsequens."

Based on *Bromus procerus* H.B.K. 1815. Not *Festuca procerus* H.B.K. 1816.

Valid in Grass. Ecuador, Peru etc.

Festuca Engleri Pilger, Bot. Jahrb. Engler 40: 85.

May 1907.

"A. Engler n. 1279."

"West-Usambara: Magamba oberhalb Kwai, Höhenwald. 2400-2600 M. n. M."

Tanganyika

Festuca eragrostoides Krok. Suppl. Fl. Siles. 4: 171.

1823.

"Hara admodum planta; unica, vice in vicinia nostra ben Carlowitz lecta; ex post aliquoties in montibus Strigaviensibus reperta."

Silesia, Germany

Festuca erecta (Huds.) Wallr. Sched. Crit. 35. 1822.

(Same comb. made by Hegetschw. & Heer, Fl. Schw. 95. 1840)

Based on *Bromus erectus* Smith [in Smith credited correctly to Hudson]

= B. *erectus* Huds. Man. U. S.

[Halle, Germany]

Festuca erecta Dumont D'Urville, Mem. Soc. Linn. Paris

4: 601. 1826. Not Wallr. 1822.

Malouines [Falkland Is.]

Festuca erecta Kunth, Enum. Fl. 1: 373. 1833.

error for "Briza erecta" Lam. cited by Spreng. (Syst.

Veg. 1: 353. 1825) as syn. of *Festuca brizoides*

Spreng. Kunth, l.c. refers Briza erecta Lam. to

Chascolytrum erectum (Lam.) Desv.

S. Amer.

Festuca erecta var. *aristulata* Griseb. Abh. Ges. Wiss.

Göttingen 19: 250. 1874.

[F. *erecta* Urv. used by Grisebach is invalidated by *Festuca erecta* (Huds.) Wallr. 1822]

"Catamarca, in collibus pr. Yakutula." [Lorentz, Coll.]

Argentina

Festuca erecta var. *cirrosa* Speg. Anal. Mus. Nao.

Buenos Aires 5: 95. 1896. [F. *erecta* Urville, 1826, not Wallr. 1822]

"Hab. In scopulis sabulosus maritimis in Puerto Hoca." [Plantae per Fuegiam a Carolo Spegazzini anno 1882 collectae.]

Patagonia

Festuca erecta var. *mutica* Griseb. Abh. Ges. Wiss.

Göttingen 19: 250. 1874.

[F. *erecta* Urville 1826. Not Wallr. 1822.]

"Catamarca, in Convalle Granadillas pr. Yakutula.

("Terr. Magellan.") (Lechl. pl. chil. 3004. Philippi pl. chil. 569)

Argentina

Festuca erectiflora Pavl. Bull. Soc. Nat. Moscou Sect.

Biol. 47: 79. 1938.

"Typus sp.: Kasachstan, distr. Alma-ata. In montibus Alatau transiliensibus in angustis fl. Almatinka Minor inter fl. Kumssara et Sart-jaj, 3400 m altit. 12 VIII 1936, exs. no. 582, lg. N. V. Pavlov (in Hb. Univers. Mosquens. cons.)"

U.S.S.R. Central Asia

aff. F. *alata* (Haack.) Roshev.

Festuca eriantha Honda ex Tatewaki, Bot. Mag. Tokio

42: 135. 1928.

[Honda ex Tatewaki, Trans. Sapporo Nat. Hist. Soc. IX. (1927) p. 155" cited, but the name there is non. nud. Also in Ind. Kew.]

"Kurile: Minami-ura, ins. Araitō (H. Ito et G. Komori, no. 17, 1926); ins. Araitō (H. Ito et S. Komori, no. 18. 1926.

Japan

Festuca erirolepis E. Desv. in C. Gay, Fl. Chil.
6: 428. 1853.

"En los campos de la Serena y en Arqueros (Gay)."
Chile

Festuca erirolepis var. *nana* Hieron. Bol. Acad. Cien.
Cordob. 3: 374. 1881.

"Ciroa de Carmen de Patagones." Dr. D. Carlos
Berg, collector.

Festuca eriopoda Vick. Contr. N. S. Wales Nat. Herb.
1: 10. 1939.

"Loc.: New South Wales: Blue Mountains, Kanimbla
Valley (Mt. Victoria), J. J. Fletcher, 24. 12. 1892
(Type K.S.)

K. The Herbarium, Royal Botanic Gardens, Kew;
S. National Herbarium, Sydney

Australia

Festuca eriostoma Hack. Oesterr. Bot. Zeitschr. 53: 32.
1903.

"Republica Argentina, Sierra Famatina ad Cueva de
Perez et inter "la mina Jareta" et "la altura del
Espirito Santo" legg. Hieronymus & Niederlein S. nrr.
392 et 781."

Festuca eskia Ramond in Lam. & DC. Fl. Franç. 3: 52.
1805.

"Cette espece a été découverte par M. Ramond."
Ramond, Pyren. France

Festuca eskia Lejeune, Fl. Envir. Spa. 1: 57. 1811.
Not Ram. 1805.

Belgium

Festuca ssp. *eu-cvina* var. (L.) Koch, Syn. ed. 1.
812. 1837; *F. amethystina* L. misapplied, fide
Hack. Mon. 97. 1882.

Festuca exaltata Presl, Fl. Sic. 45. 1826.

[Sicily]

Festuca exigua Litw. Trav. Mus. Bot. Acad. Sci. St.
Petersb. 1: 20. 1902.

§ *Nardurus*

Syn. *Nardurus pusillus* Litw. pl. Turcom. exsicc. n.99.

"Habitat: Transcaspiia. In montibus pr. Askhabad, in
angustiis ad Traiectum Saandak, circ. 3000'."

Asiatic U.S.S.R.

Festuca expansa (J. F. Gmel.) Kunth, Rév. Gram. 1: 129.
1829.

Based on "*Poa expansa* Gmel."
France

Festuca expansa var. *conferta* (Hausskn.) Aschers. &
Graebn. Syn. Mitteleur. Fl. 2: 563. 1901.

Based on *Sphenopus Gouani* var. *confertus* Hausskn.
isthmi Korinthiaci, Greece; Malta; Sicilia;
Montpellier; Tunis

Festuca expansa var. *permiorantha* (Hausskn.) Aschers. &
Graebn. Syn. Mitteleur. Fl. 2: 563. 1901.

Based on *Sphenopus Gouani* var. *permiorantha*
Hausskn.

Persia, Palestine

Festuca extremiorientalis Ohwi, Bot. Mag. Tokyo
45: 194. 1931.

Cites: "*Festuca gigantea* (non Vill.) Hack. Bull. Herb.
Boiss. II 3: 506. 1903."

"Typus: Korea; Kwansanryon in prov. Kankyo-hokudo
(24. VII. 1930. J. Ohwi n. 2500)-in Hb. Universit.
Imp. Kyotoensis."

Festuca fagetina Schur, Enum. Pl. Transsilv. 797.
1866, as syn. of *F. drymeja* a *fagetina* Schur.
Hungary

Festuca fallax Thuill. Fl. Env. Paris n. ed. 50. 1799.

"Habitat in pratis siccis." Paris

Festuca fallax var. *longifolia* Zapal. Consp. Fl. Gal.
Crit. 1: 67. 1906.

"Niwra (Lenz)." [Galicia]
Poland

Festuca fallax var. *macrostachya* Zapal. Consp. Fl.

Galio. Crit., Rozpr. Wydz. Mat.-Przyr. Akad. Umiejtn.
Krakow III. 4, B. 180. 1904. Aug. 11.

"Zar in montibus Tatricis verosimiliter in turfosis
(Kotula)."
Galicia, Poland

Zapal. Consp. Fl. Galio. Crit. 1: 67. which corres-
ponds to the 1904 publ. in subject matter was not
published until 1906.

Festuca fallax var. *montana* Zapal. Consp. Fl. Galio.
Crit., Rozpr. Wydz. Mat.-Przyr. Akad. Umiejtn.
Krakow III. 4, B. 180. 1904. Aug. 11.

"Ze Zemin ko Zjo Pikuja, Menczil nad pot. Hramitnym,
Chomak ko Zjo Tatarowa (Wojoszczak), w kralinie kosodr-
zewu Czarnej Hory; Smotred 1 t. d., a mianowicie w
Gorach Czywozynkich, Trojadzkich i t. d. czesta
(Zapalowiec)."

Galicia, Poland

Zapal. Consp. Fl. Galio. Crit. 1: 67 which contains
same subject matter as 1904 publication was not
published until 1906. At Arnold Arboretum.

Festuca fallax var. *nigrescens* (Lam.) Beck, Arn.
Naturhist. Hofmus. Wien 5: 564. 1890.

Based on *F. nigrescens* Lam.

Mont-d'Or. France

Festuca fallax var. *vulgaris* Zapal. Consp. Fl. Galio.
Crit., Rozpr. Wydz. Mat.-Przyr. Akad. Umiejtn.
Krakow III. 4, B. 179. 1904.

"Bolechów (Blooki), Zawojela pod Czarną Horą (Zapal-
owicz)."

Galicia, Poland

Zapal. Consp. Fl. Galio. Crit. 1: 66 which contains
same subject matter was not published until 1906.
At Arnold Arboretum.

Festuca fascicularis Lam. Tabl. Encycl. 1: 189. 1791.

"Ex Amer. merid. Comm. D. Richard."

Basis of *Leptochloa fascicularis*

Man. U. S. W.I.
South America

Festuca fasciculata Forsk. Fl. Aegypt. Arab. 22. 1775.

Hab. "Alexandriae. init. Apr."

Egypt

Festuca fasciculata var. *longiseta* (Brot.) Hack. & Briq.
Ann. Conserv. Jard. Genève 10: 81. 1907.

Based on *F. longiseta* Brot. (1804)

Portugal

Festuca fascinata Keng, Claves gram. prin. Sincorum.
163. 1957. nom. nud.; Keng, Fl. illustr.
Plant. Prin. Sincorum Gram. 124. f. 87. 1959.
deser. Chinese.

China

Festuca fauriei Hack. Bull. Acad. Int. Géogr. Bot.
18: 348. 1908.

"Corea, in montibus Owen sam. jul. 1906. leg.
Faurie, no. 1440."

Festuca fenas Lag. Elench. Plant. 4. 1816; Gen. & Sp.
Nov. 4. 1816, reprint.

"Hab. locis humidis et juxta rivulos Orosis,
Murciae, alibique in Hisp. merid."

Spain

Festuca fenas var. *conferta* (Hack.) Richt. Fl. Eur.
1: 102. 1890.

Based on *F. elatior* ssp. *arundinacea* var. *fenas* subv.
conferta Hack.

France, Spain

Festuca fenas var. *convolutaefolia* Manden ex Ruanot,
Gram. Fr. Belg. 65. 1899.

[France, Belgique, Iles Britanniques, Suisse]

Festuca fenas var. *corsica* (Hack.) Richt. Fl. Eur.
1: 102. 1890.

Based on *F. elatior* ssp. *arundinacea* var. *fenas*
subv. *corsica* Hack.

Corsica

Festuca fenas var. *longiglumis* (Hack.) Richt. Fl.
Eur. 1: 102. 1890.

Based on *F. elatior* ssp. *arundinacea* var. *fenas* subv.
longiglumis Hack.

Sicily

Festuca fenas var. *spuria* (Hack.) Richt. Fl. Eur.
1: 102. 1890.

Based on *F. elatior* ssp. *arundinacea* var. *fenas*
subv. *spuria* Hack.

Italiae....Croatiae

Italy; Austria

Festuca ferruginea (Vest.) Reichenb. Fl. Germ. 140⁴.
1830.

Based on *Schoenodorus ferruginea* Vest.

Austria

Festuca festuoides (Bertol.) Becher. Bericht. Schweiz.
Bot. Gesell. 38: 153. 1929.

Based on *Triticum festuoides* Bertol.

Genoa, Italy

Festuca festuoides var. *aristata* (Tausch) Becher.
Bericht, Schweiz. Bot. Gesell. 38: 154. 1929.

Based on *Triticum lolioideis* var. *aristatum* Tausch

Europe

- Festuca festuoides* var. *mutica* (Tausch) Becher.
Bericht. Schweiz. Bot. Gesell. 38: 154. 1929.
Based on *Triticum loloides* var. *muticum* Tausch
Europe
- Festuca fibrifera* Pilger, Bot. Jahrb. Engler 37: 509.
1906.
"Weberbauer n. 2462."
Peru: Dep. Junin, in provincia Tarma
Peru
= *F. compressifolia* Presl. A.S.H. Andes Gram.
- Festuca fibrosa* Griseb. Spic. Fl. Rum. 2: 433. 1844.
No loc. cited
[Type species of *F. § Phaeochloa* Grisib l.c.
Europe, Turkey, Asia Minor
- Festuca fiebrigii* Pilger, Bot. Jahrb. Engler 37: 510.
1906.
"Fiebrig n. 3117 (et 3118)"
Bolivia australis: prope vicum Pinos apud oppidum
Tarija.
- Festuca filifolia* Link, Enum. Fl. 1: 445. 1821.
Based on sp. described sub nom. "*F. vaginata* Kitaib.
p. 51. no. 822. "non est planta Kitabelii sed
potius n. sp." "*F. filifolia* dicenda, valde tamen
affinis *F. pubescenti*."
Cult. Berlin, source unknown.
- Festuca filiformis* Pourr. Chloris Narbonneensis "extrait"
republished in Mém. Acad. Roy. Sci. Toulouse
3: 319. 1788.
[Original published in 1783. Reprinted with anno-
tations by Lagrave, Bel. Fourratiennes, Toulouse,
1885, paging of original not seen. 1788 paging
given in Ind. Kew and here.
"A. Narbonne, a la Clape."
France
- Festuca filiformis* Lam. Tabl. Encycl. 1: 191. 1791.
Not Pourr. 1788.
"Ex Amer. Merid. Comm. D. Richard."
Man. U. S.
South Amer.
- Festuca filiformis* C. Sm. ex Link in Buch. Beschr.
Canary Ins. 139. 1825. Not Pourr. 1783.
Canary Islands.
- Festuca filiformis* Steud. Syn. Fl. Glum 1: 302. 1854.
Not Pourr. 1783, nor Lam. 1791.
Nepal
- Festuca filiformis* ssp. *bornmulleri* Hack. Bot. Jahrb.
Engler 33: 404. 1903.
"Teneriffa borealis: ad rupes jugi inter Taganana et
San Andres, ... (n. 2987)."
- Festuca filiformis* ssp. *mandonii* St.-Yves, Candollea
1: 55. 1922.
"Hab. - Madère: Curral et Picos de Arrieros, Melhada
velha (Nandon Fl. Mad. 1865-66, n. 279...)"
Madeira Isl. Afr.
- Festuca filiformis* ssp. *Smithiana* St.-Yves, Candollea
1: 52. 1922.
(var. *typica* same)
"Hab. - Iles Canaries: Ténériffe, Arafo (Bourg. Fl.
Can. iter II, n. 1575).... first cited."
- Festuca filiformis* ssp. *Smithiana* var. *Bornmulleri*
(Hack.) St.-Yves, Candollea 1: 54. 1922.
"= ssp. *Bornmulleri* Hack. (ex Bornm. Fl. exsicc. Can.
1901, n. 2087)."
[Bornmüller 2987 cited sub *F. filiformis* ssp. *born-
mulleri* Hack.]
Canary Isls.
- Festuca fimbriata* Nees, Agrost. Bras. 472. 1829.
"Habitat ad Monte-Video. (Sellow.) (Vidi in Herb.
Reg. Berol.)"
Uruguay
- X *Festuca firma* Vetter, Verh. Zool. Bot. Ver. Wien
67: 172. 1917.
Parents:
Festuca sulcata x *vaginata*
"Wolkersdorf, Niederösterreich."
Austria
- Festuca flabellata* Lam. Encycl. 2: 462. 1788.
"Cette plante a été trouvée au détroit de Magellan
par M. Commerson."
Straits of Magellan
Basis of *Poa flabellata* (Lam.) Rasp. 1829 Hook.f.
1879
- Festuca flacca* Hack. in Sodiro, Anal. Univ. Quito
1889: 10. 1889. name only.
"-----M. Fichincha" Ecuador
- Festuca flaccida* Schur, Verh. Siebenb. Ver. Naturw.
4: 89. 1853.
Transsylvania
Hungary
- Festuca flaccida* var. *aureo-flava* Schur, Enum. Fl.
Transsilv. 793. 1866.
"Arpaser Alpen: Vurtop. Kalk. Jun."
Hungary
- Festuca flava* F. Muell. Sel. Fl. Indust. Cult. 87. 1876.
Based on *Poa flava* "Gronov." [L.]
= *Tridens flavus* Man. U. S.
Va.
- Festuca flava* Hack. ex Sodiro Anal. Univ. Quito
1889: 10. 1889. nom. nud. Not Muell. 1876.
Ecuador
- Festuca flavescens* Bell. Mem. Acad. Sci. Turin. 5: 217.
1790, 1791. [not verified] App. ad Fl. ped. 11.
1792 in Hack. Monogr. Fest. Eur. 180. 1882.
Italy
[Hack. Monogr. Fest. 180. 1882 cites *F. flavescens*
Bell. App. ad Fl. ped. 11: 1792.--Oren. & Godr.
Fl. Fr. 3: 577.]
- Festuca flavescens* Lapeyr. Abreg. 43 non Bell. ex Gr. &
Godr. as syn. *F. varia* ssp. *scoparia* var. *genuina*
Hack. Monogr. Fest. Eur. 181. 1882.
"F. varia Bordère, Timbal, in exsicc."
Europe
- Festuca fleischeri* Steud. Nom. Bot. ed. 2. 1: 630.
1840, as syn. of *F. spadiacea* without author;
"Schedonorus spadiaceus R. & S. var. *F. fleischeri*
Steud. op. cit. 632, as syn. of *F. spadiacea* Gouan.
Lin."
Europe
- X *Festuca fleischeri* Bohlens, Allg. Bot. Zeitschr.
8: 85. 1902. Not Steud. 1840, as syn. only.
Parents:
F. gigantea Vill. X *arundinacea* Schreb.
Europe
- Festuca flexa* (Nees) Steud. Syn. Fl. Glum. 1: 316. 1854.
Based on "*Brachypodium flexum* Nees."
Districtu Capensi (Zeyher)
[Africa]
- Festuca flexuosa* Willd. ex Kunth, Enum. Fl. 1: 407.
1833, as syn. of *F. quadridentata* Humb. & Kunth
[H.B.K.]
Ecuador
- Festuca fluitans* L. Sp. Pl. 75. 1753.
"In Europae fossis & paludibus."
= *Glyceria fluitans* (L.) R. Br. Man. U. S.
- Festuca fluitans* Leers ex Kunth, Enum. Fl. 1: 405.
1833, as syn. of *F. loliacea* Huds. Not L. 1753.
Europe
- Festuca fluitans* var. *loliacea* (Huds.) Huds. Fl. Angl.
ed. 2. 47. 1778.
Based on *Festuca loliacea* Huds.
England
- Festuca fluitans* var. *pratensis* (Huds.) Huds. Fl. Angl.
ed. 2. 47. 1778.
Based on *F. pratensis* Huds.
England
- Festuca foliata* Steud. Syn. Fl. Glum 1: 304. 1854.
"(*Panicum repens*. Hrbr. Franco-villanum communio.
Buchinger.) Sicilia."
- Festuca foliosa* Schrad. ex Steud. Nom. Bot. ed. 2.
1: 630. 1840, nom. nud. Not Hook. 1844.
- Festuca foliosa* Hook.f. Fl. Antarct. 99. pl. 55. 1844.
"Hab. Lord Auckland's group and Campbell's Island;"
New Zealand group.

Festuca Font-Quer St.-Yves, Cavanillesia 3: 5. 1930.

[St.-Yves ex Font-Quer, Iter Maroco. 1929 (No. 41) [1930] nom. nud.] Copied from Kew Ind. Suppl. 9.

"Habit.--Imperium Marocanum: In saxosis arenaceis montis Tidiguin (Atlante Riphæo), ad 2400 m. alt.; leg. Font-Quer 17 Julii 1929."

Festuca Font-Quer var. Lipskii St.-Yves, Cavanillesia 3: 6. 1930.

"Habit.--Asia media. Buchara: Schachrisjals, 6700'; leg. Lipskii, 3-VI-1896 (in herb. Hort. Bot. Petrop.)."

Festuca formosana Honda, Bot. Mag. Tokyo 42: 134. 1928.

"Formosa: Nai-taroko (B. Hayata, anno 1917)."

Festuca forrestii St.-Yves, Rev. Bret. No. 2: 16, 72. 1927; Candollea 3: 383. 1928.

"Regio Tibetica et Yunnanensis."
"Thibet oriental: Batang Litang...Dahagala-Pass ... leg. Limpricht No. 2236. Yunnan N. W. forêts de pins sur le flanc du Thal Range leg. Forrest No. 2574."

China

Festuca fournieriana Hemsl. Biol. Centr. Amer. Bot.

3: 581. 1885.

New name for *Gouinia* polygama Fourn. Mex. Fl. 103.

[not published until 1886.]

= *Gouinia* virgata (Presl) Scribn.

Noted in Mex. Gr.

Festuca fratercula Rupr. ex Fourn. Mex. Fl. 2: 124. 1886.

(Rupr. Bull. Acad. Brux. 9(2): 236. 1842, nom. nud.)

"In humidis inter Pinos montis Orizabensis... (Gal. n. 5778)." [T in U. S. Hb.]

Orizaba, Mex.

Festuca frigida Hack. Bot. Centralbl. 8: 406. 1881,

without descr.

[Not accounted for in Hack. Monogr. Fest. Europe 1882.]

Europe

Festuca fuegiana Hook.f. Fl. Antarct. 380. pl. 141.

1847.

"Hab. Strait of Magalhaens, Port Famine and Port Gregory, Capt. King. South part of Fuegia, C. Darwin, Esq."

Festuca fusca L. Syst. Nat. ed. 10. 876. 1759.

(L. Fl. Palaest. 13. 1756, nom. nud.; Amoen. Acad.

4: 450. 1759, nom. nud.)

[F. Hasselquist - see type card]

[No place given. L. Sp. Fl. ed. 2. 109. 1762.

Cites "Habitat in Palaestina."]

Palestine

Festuca fusca Vill. Hist. Fl. Dauph. 2: 98. 1787.

Not L. 1759.

"a Venoso dans l' Oysans."

France

Festuca fusca Vill., misappl. by Mutel, Fl. Franç.

4: 105. 1837. Not L. 1759.

France

Festuca Ganeschini Drobov, Trav. Mus. Bot. Acad. Sci.

Petrograd 14: 175. 1915.

"Hab. Prov. et distr. Akmolinsk. In salsis prope lact. Turt-Sart (Ganeschin, 1914, No. 603)."

Russia, Asia

Compares with *F. ovina* ssp. sulcata Hack. var. genuina Hack. subv. hirsuta Hack. Mon. p. 105) and *F. ovina* ssp. sulcata Hack. var. paniculata Hack. (Mon. p. 106).

Festuca gaudini Kunth, Rév. Gram. 1: 130. 1829,

without descr.

Based on "*Festuca* halleri Gaud. [nec. Roem. et Schult.] Mert. et Koch. -- Helvetia, Germania."

Festuca Gaudiniana Guss. Enum. Fl. Vasc. Inarim. 367.

1854.

Based on "*F. barbata* Gaudin, Fl. hel. 1. p. 274. ex loco!, non Schrk."

Italy

Festuca gautieri (Hack.) Richt. Fl. Eur. 1: 105. 1890.

Based on *F. varia* ssp. scoparia var. gautieri Hack.

Pyrenaeis orient. leg. Gautier.

Festuca gelida Chiov. Ann. di Bot. 6: 148.

Aug. 1907.

"prox *F. abyssinica* Hochst"

"in expeditione Ducis Aprutii lectae"

"Ruvenzori 4000-4500 m." Africa

Festuca geniculata (L.) Lag. & Rodr. Anal. Cienc. Nat.

Madrid 6: 150. 1803.

Based on "*Bromus* geniculatus L."

Portugal

Festuca geniculata var. abbreviata Hack. in Thell. Mem.

Soc. Sci. Nat. Cherbourg 38: 128. 1912.

"Port-Juvénal près Montpellier, 1836, Delile!"

France

Festuca geniculata subv. attenuata (Parl.) Coss. & Dur.

Expl. Sci. Alger. 2: 176. 1855."

Made ssp.: Jah. & Maire, Cat. Fl. Maroc. 1: 75. 1931.

"*Festuca* attenuata Parl., in Guss." cited.

[*Vulpia* attenuata Parl. 1845]

Acc. to Stearn, sheets 16-20 err. by Stearn for 30 (i.e. pp. 121-241 [err. by Stearn 240]) Vol. 2. betw. Apr. 1855 and Oct. 1855.

Italy

Festuca geniculata ssp. breviglumis Emberger & Maire,

Cat. Fl. Maroc. 4: 941. 1941.

Morocco

Festuca geniculata ssp. breviglumis var. glabriglumis

Maire, Cat. Plantas Maroc 4: 941. 1941.

Morocco

Festuca geniculata var. ciliata (Parl.) Aschers. &

Graebn. Syn. Mitteleur. Fl. 2: 556. 1901.

Based on *Vulpia* geniculata var. ciliata Parl.

S. Michele d'Angarano [Italy]

Festuca geniculata f. colorata Maire, Cat. Plantas

Maroc. 4: 941. 1941.

"Z. Oulmès! (Samuelsson)."

Marocco

Festuca geniculata var. dianthera Maire, Bull. Soc. Sci.

Nat. Maroc. 8: 142. 1928.

"Hab. in arganietis ad radices Anti-Atlantis prope Adar-ou-Aman, --Typus in Herbario Univ. Alger. et in Herb. Inst. Imp. Sci. Rabatensis."

[Lesser Atlas Mts.] Africa

Festuca geniculata ssp. eu-geniculata var. reesei

Maire, Bull. Soc. Hist. Nat. Afr. Nord 24: 231.

1933.

"Hab. in pascuis et dumetis Atlantis Medii Septentrionalis supra Sidi-Abdallah (Dr. H. Reese)."

Tunis - Africa

Festuca geniculata subv. hispida (Trabut) Dur. & Schinz,

Consp. Fl. Afr. 5: 915. 1894, without descr.

"*Vulpia* geniculata subvar. --[hispida] Trab." cited. in Batt. & Trab. Fl. de l'Alger. (Monoc.) 1884 (p. 91)

Africa

Festuca geniculata var. monandra Doell, in Mart. Fl.

Bras. 2: 113. 1878.

"a peregrinatore mihi ignoto, teste herbarii regii Berolinensis schedula, lingua gallica conscripta, ad Buenos Ayres lecta."

Argentina

Festuca geniculata ssp. monantha Maire, Bull. Soc. Hist.

Nat. Afr. Nord 23: 220. 1932.

"Hab. in calvitiis Pineti halepensis in collibus littoralibus Mauretaniae Caesareae: ad Cleopatras Monumentum (Kber-er-Roumia)."

Africa

Festuca geniculata var. pumila Ball, Journ. Linn. Soc.

Bot. 16: 727. 1878.

"Mar. occid.--Legimus prope Mogadori et in prov. Haha finitima! et juxta Ain el Hadjar. Mar. merid. Satis frequens in aridis regionis inferioris. Legimus prope Ain Oumast! In convalle Amem! Juxta Ain Tarsil!"

[Marocco. Africa]

Festuca genuensis (D.) Pollini, Fl. Veron. 1: 126.

1822.

Based on "*Triticum genuense* Dec."

Genoa, Italy

Festuca genuflexa Krock, Suppl. Fl. Siles. 4: 172. 1823.

"Crescit locis opacis, turfosis; ante aliquot annos plura exemplaria inveni in sylva prope Pagum Simpel."

[Silesia. Prussia]

Festuca gerardi Vill. Hist. Fl. Dauph. 1: 249. 1786,

"Dauphiné. Après avoir passé le Pont de pierre, en suivant les bords de l'Isère, jusqu'à la porte de France; remontant ensuite, sans sortir hors la porte le long des remparts, à la tour de Rabot."

Dauphiné, France

Basis of *Koeleria* gerardi (Vill.) Munro ex Benth. & Hook.f. Gen. Fl. 3: 1184, 1194. 1883.

Domin. Monogr. *Koeleria* 296. 1907, refers *Koeleria* gerardi Munro ex Benth. & Hook.f. Gen. Fl. 3: 1184 (1847) to *Stiburus* [Stilburus, error] alopecuroides.

Festuca gibraltarica Willd. ex Steud. Nom. Bot. ed. 2.
1: 630. 1840, as syn. of *Vulpia alopecuroides*.

[Spain]

Festuca gigantea (L.) Vill. Hist. Fl. Dauph. 2: 110.
1787.

Based on *Bromus giganteus* L. [basis of *Festuca gigantea* (L.) Vill. Man. U. S.

Europe

Festuca gigantea Krok. Suppl. Fl. Siles. 4: 174. 1823.

"Habitat in pratis pinquioribus cum *Fest. elatiore*,
sed rarius obvenit, et magis locis montanis, quam
declivibus crescit."

Silesia. Prussia

Festuca gigantea (L.) Vill. var. *africana* Robyns &
Tournay, Bull. Jard. Bot. Brux. 25: 245. 1955.

F. gigantea auct. non (L.) Vill.; Filg. in Rob. E.
Fries et Th. Fries Jr. Notizbl. Bot. Gart. Mus.
Berlin-Dahlem 9: 1128. 1927. p.p.
F. subulata Auct. non Trin.; Saint-Yves, Candollea
IV. p. 103. in obs. 1929.
Congo belge: Dist. Laos Edouard et Kivu: ... LeBrun
7284; ... Louis 5245; ... Humbert 8578; ... Bequaert
4250.
Kenya: ... Rob. E. Fries et Th. Fries Jr. 1220 (holo-
type BR; isotype K).

*collected in the Parc. Africa

X *Festuca gigantea* X *apennina* Zapal. Bull. Acad.

Cracovia 3: 305. 1904 (June)

Republished later in Zapal. Consp. Fl. Galic. Crit.,
Rozpr. Wydz. Mat.-Przyr. Akad. Umiejtn. Krakow III.
4, B. 183. 1904. [Aug. 11.] This month penciled on
L. C. vol.

Corresponds to Fl. Galicia, pt. 2, 1906 at Arnold
Arboretum

"In regione subalpina montium Czarna Hora, in prato
Wertopy, [Galicia]

Poland

This vol. in New Mus.
Call no. 506.438
A 33

Signature gives
Bull. 3.

Festuca gigantea var. *breviaristata* Celak. Sitzungs-
b. Ges. Wiss. 1886: 41. 1887.

"Am. Hohen Reinstein bei Walsch, (Cf.)!"
Böhmen. Europe

Festuca gigantea var. *ozeremossica* Zapal. Consp. Fl.

Galic. Crit., Rozpr. Wydz. Mat.-Przyr. Akad. Umiejtn.
Krakow III. 4, B. 182. 1904. Aug. 11.

"Pod Czarna Hora: Szybeny nad Czeremoszem Czarnym
(Zapalowicz)." Galicia, Poland

Zapal. Consp. Fl. Galic. Crit. 1: 69. which contains
same subject matter was not published until 1906. At
Arnold Arboretum

Festuca gigantea var. *glaucescens* Zapal. Consp. Fl.

Galic. Crit., Rozpr. Wydz. Mat.-Przyr. Akad. Umiejtn.
Krakow III. 4, B. 182. 1904. Aug. 11.

"Dublany pod Lwowem (Paczoski), tu typowo; Zbaraz,
Jarmolince, Chocim (Paczoski)." Galicia, Poland

Galicia, Poland

Festuca gigantea var. *latifolia* Peterm. Fl. Lips. 98.
1838.

Lipsiae, Germany

Festuca gigantea var. *multiflora* Alefeld, Landw. Fl.
355. 1866.

Europe

Festuca gigantea var. *memoralis* Aschers. & Graebn. Syn.
Mitteleur. Fl. 2: 511. 1900.

Middle Europe

Festuca gigantea var. *subtriflora* Schur, Enum. Fl.
Transsilv. 798. 1866.

Based on *Bromus triflorus* L.

Germaniae, Daniae (Forskahl)

Festuca gigantea var. *triflora* (L.) Koch, Syn. Fl.

Germ. Helv. 816. 1837.

(same comb. made by Gren. & Godr. Fl. Franc. 3: 582.
1855)

Based on *Bromus triflorus* L.

Germaniae, Daniae (Forskahl)

Festuca gigantea var. *triflora* Hartm. Handb. Skand.
Fl. ed. 4. 38. 1843.

"(N. Ullerud i Christiania st.)"

Norway

Festuca gigantea var. *triflora* (L.) Hiltunen, Suomen
Kasvi 215. 1933.

Based on *Bromus triflorus* L.

"Germaniae, Daniae---Forskahl"

Festuca gigantea triflorus Blytt, Norges Fl. 149. 1861.
(pub. as trinom.)

Scandinavia

Festuca gigantea var. *typica* Fiori, Nuov. Fl. Anal.
Ital. 1: 137. 1923.

Italy

Festuca gigantea var. *uliginosa* Schur, Enum. Fl.
Transsilv. 798. 1866.

Transsylvania

Hungary

Festuca gigas Holmberg in Dörfner Herb. Norm. no. 5377.
1911.

[exsiccate, not a publication. Copied from Ind. Kew.]

Festuca glaberrima Schur, Enum. Fl. Transsilv. 791.
1866.

"Auf schattigen Felsen zwischen *Alnus viridis* auf
dem Arpas und am Bullafall der Kerzesorer Alpen. Kalk
oder in dessen Nähe 6000'. Jun. Jul."

Hungary

Festuca glabra Lightf. Fl. Scot. 2: 1085. 1777.

"Found at Ardbigland in Galloway"

Scotland

Festuca glabra Spreng. Syst. Veg. 1: 353. 1825.
Not *F. glabra* Lightf., 1777.

"Longisland. Amer. Bor."

Long Island, New York.

Given under Unidentified Names in Man. "The
description suggests *Puccinellia distans* (L.) Parl."

Festuca glacialis Mieg. Bull. Soc. Bot. France
21: IX. 1874.

"Crescit in montibus Pyrenaeis, in valle Héas, in
cacuminibus glacialibus montium Gabiddou, Canaou,
Trémouse, Camp-Long, et alibi."

France

Festuca glacialis var. *frigida* (Hack.) Aschers. &
Graebn. Syn. Mitteleur. Fl. 2: 485. 1900.

Based on *F. frigida* var. *zz. frigida* (s. str.) Hack.

"Pyrenaeorum centralium"--- Europe

Festuca glacialis var. *miegewillei* Aschers. & Graebn.
Syn. Mitteleur. Fl. 2: 485. 1900.

Based on *F. glacialis* Mieg.

Montibus Pyrenaeis, France

Festuca glacialis var. *rupicaprina* (Hack.) Aschers. &
Graebn. Syn. Mitteleur. Fl. 2: 485. 1900.

Based on *F. [ovina ssp.] frigida* var. *rupicaprina*
Hack.

Switzerland

Festuca glauca Lam. Encycl. 2: 459. 1788.

"Nous avons trouvé cette Graminée en abondance dans
l'Auvergne, aux environs de Murat, en montant au
Cantal, près de Thiezao,
France

Festuca glauca Plan. ex Willk. & Lange, Prodr. Fl.
Hisp. 1: 95. 1861, as syn. of *F. arenaria* Osb.

Not Lam. 1788.
Spain

Festuca glauca var. *arduenna* (Dum.) Mathieu, Fl.
Generale Belg. 1: 620. 1853.

Based on *Festuca arduenna* Dum.
Belgium

Festuca glauca var. *caesia* (J. E. Smith) Richt. Fl.
Eur. 1: 95. 1890.

Based on *F. caesia* J. E. Smith
Bury, - England

Festuca glauca var. *cinerea* (Vill.) Schrad. Linnaea
12: 457. 1838.

Based on "*F. cinerea* Vill."
France

Festuca glauca var. *crassifolia* Gaudin, Fl. Helv.
1: 284. 1828.

"in collibus circa Branson."
Switzerland

Festuca glauca var. *crassifolia* Bluff & Nees, Comp. Fl.
Germ. ed. 2. 1: 178. 1836. Not Gaudin 1828.

"*F. pungens* R. & S. II: 721."
Europe

Festuca glauca var. *curvula* (Gaudin) Schur, Enum. Fl.
Transsilv. 790. 1866.

Based on "*F. curvula* Gaud."
Switzerland

- Festuca glauca* var. *donacella* Wallr. Sched. Crit. 1: 33. 1822.

"in collibus apricis ad Wendelstein et alibi."
Bavaria Germany

Festuca glauca ssp. *glauca* var. *gracilior* (Hack.) Soó, Acta Bot. 2: 193. 1955.

Based on *F. ovina* subvar. *gracilior* Hack.
Europe

Festuca glauca var. *Hallerioides* Schur, Enum. Fl. Transsilv. 790. 1866.

"Auf Felsen der Fogaraser- und Arpaser Alpen: Arpas, Vurtop, auf dem Butsets die var. *glabra* Halk. 7000'."
Hungary

Festuca glauca var. *hirsuta* Heuff. Verh. Zool. Bot. Ges. Wien 8: 232. 1858.

Banatus Temesiensis
Europe

Festuca glauca var. *hirsuta* Walp. Ann. Bot. 6: 1030. 1861.

"In apricis et sylvaticis montium calcareorum."
Europe

Festuca glauca var. *inops* (De Not.) Richt. Fl. Eur. 1: 95. 1890.

Based on *Festuca inops* D nt. [De Notaris]
Montis Gazzo [Italy]

Festuca glauca var. *junceae* Wallr. Sched. Crit. 1: 33. 1822.

"*F. glauca* Lam.; *F. pallens* Host" cited.
[Halle, Germany]

Festuca glauca var. *laevigata* (Gaudin) Ducommun. Taschenb. Schweiz. Bot. 879. 1869.

Based on *F. duriuscula* var. *laevigata* Gaudin.
Switzerland

Festuca glauca var. *longearistata* Hoochst. ex Seubert, Fl. Azor. 20. 1844.

"in rupibus littoralibus ins. Fayal et Pico.--Coll. nr. 131.b." [Hoochstetter patris & filii]
Azores, Africa

Festuca glauca var. *maior* subv. *curvula* (Hack.) Hayek, Repert. Sp. Nov. Fedde Beih. 30: 278. 1932.

Based on *F. ovina* [subsp. *euovina*] var. *glauca* subv. *p[allens]* f. *curvula* Hack. Monogr. 95.
Europe

Festuca glauca var. *maior* subv. *depauperata* (Hack.) Hayek, Repert. Sp. Nov. Fedde Beih. 30: 278. 1932.

Based on "*F. ovina* var. *glauca* subv. *p[allens]* f. *depauperata* Hack. Mon. 95)."
Europe

Festuca glauca var. *pallens* (Host) Richt. Fl. Eur. 1: 94. 1890.

(Same comb. made by Beck, Wiss. Mitt. Bosn. Herzeg. 9: 448. 1904.)

Based on *F. pallens* Host.
Austria, Pannonia

Festuca glauca ssp. *pallens* var. *longifolia* (Kraj.) Soó, Acta Bot. 2: 194. 1955.

Based on *F. duriuscula* var. *longifolia* Kraj.
Europe

Festuca glauca ssp. *pallens* var. *longifolia* f. *pubiculmis* (Hack.) Soó, Acta Bot. 2: 194. 1955.

Based on *F. duriuscula* var. *pubiculmis* Hack.
Europe

Festuca glauca ssp. *pallens* var. *longifolia* f. *virens* (Kraj.) Soó, Acta Bot. 2: 194. 1955.

Based on *F. duriuscula* subvar. *virens* Kraj.
Europe

Festuca glauca ssp. *pallens* var. *pallens* Soó, Acta Bot. 2: 194. 1955.

Europe

Festuca glauca ssp. *pallens* var. *pallens* f. *puberula* (Hack.) Soó, Acta Bot. 2: 194. 1955.

Based on *F. ovina* subvar. *puberula* Hack.
Europe

Festuca glauca ssp. *pallens* var. *pannonica* (Wulf) Soó, Act. Bot. Acad. Scient. Hungaricae 2: 194. 1955.

Based on *F. pannonica* Wulf ap Host, Gram. Aust. 4: t. 62. 1809.
Europe

Festuca glauca ssp. *pallens* var. *pannonica* f. *borhidiana* Soó, Acta Bot. 2: 195. 1955.

Europe

Festuca glauca ssp. *pallens* var. *rigurosa* (Schur) Soó, Acta Bot. 2: 195. 1955.

Based on *F. rigurosa* Schur.
Endemic "in Siebenburgen."
Jugoslavia

Festuca glauca var. *psammophila* Hack. in Celak. Prodr. Fl. Böhm. 4: 721. 1881.

"*Festuca amethystina* Host." cited.

"Bisher nur im Elbthale beobachtet: auf den Sandfluren bei Kolin, Nimburg und Kostomlat in grosser Menge! bei Lissa und Celakovic! bei Weltrus unter dem Dřinow!"
Bohemia

Festuca glauca var. *rupicola* Schur, Enum. Fl. Transsilv. 790. 1866.

"Auf Felsen der Fogaraser-Arpaser Alpen."
Hungary

Festuca glauca var. *scabrifolia* Hack. in Rohlena, Sitzb. Böhm. Ges. Wiss. Math. Naturw. Cl. 24: 3. 1899.

(description in Bohemian)

"Liběš." Bohemia. Eur.

[The article is by Rohlena and Hackel's name is after var. Mention of Hack. is made at beginning of article in Bohemian. Not translated. St.-Yves credits the var. to Hackel]

Festuca glauca var. *umbrosa* Heuff. Verh. Zool. Bot. Ges. Wien 8: 232. 1858.

Banatus Temesiensis
Europe

Festuca glauca var. *umbrosa* Walp. Ann. Bot. 6: 1030. 1861.

"In apricis et sylvaticis montium calcareorum."
Europe

Festuca glauca var. *vaginata* (Waldst & Kit.) Wimm. & Grab. Fl. Siles. 1: 87. 1827.

Based on *F. vaginata* Waldst. & Kit.
"Hungaria" Eur.

Festuca glauca var. *vaginata* Opiz, Sezn. Rostl. České 44. 1852, without descr.

"*F. g. culmo vaginis foliorum obtecto* Mann."
Europe

Festuca glauca var. *villosa* Peterm. Fl. Lips. 96. 1838.

Lipsiae
Germany

Festuca glauca var. *villosa* Opiz, Sezn. Rostl. České 44. 1852, without descr.

"*F. g. [var.] spiculis villosis* Host." cited.
Europe

Festuca glaucantha (Hack.) Blooki, Oesterr. Bot. Zeitschr. 39: 155. 1889.

"(pro subsp. *F. sulcatae* Hack.)"
Europe

Festuca glaucescens Roth, Nov. Fl. Ind. Orient. 78. 1821, "published as *dactyloides* by me[Roth]"

Germany

Festuca glaucescens Hegetschw. & Heer, Fl. Schweiz. 93. 1840.

Schweiz

[*F. rubra* ssp. *eu-rubra* var. *genuina* subv. *glaucescens* (Hegetschw) Hack. Monogr. Fest. Eur. 139]

Switzerland

Festuca glaucophylla R. A. Phil. Anal. Univ. Chile 94: 178. 1896.

"In valle fluminis Palena ab orn. Frid. Delfin leota fuit."
Chile, South Amer.

Festuca glomerata (L.) All. Fl. Pedem. 2: 252. 1785.

Based on *Dactylis glomerata* L.
= " " " " Man. U. S.

Festuca glomerata [Soland, in] Russ. Nat. Hist. Aleppo. II. 2: 243. 1794. Not All. 1785.

Aleppo, Syria

Festuca glumosa Hack. ex Sodiro, Anal. Univ. Quito 1889: 10. 1889, without descr.

Ecuador

Festuca glyceriantha Pilger; Bot. Jahrb. Engler
37: 516. 1906.

"Weberbauer n. 3275"

"Peru: Dep. Ancachs, supra lacus Yanganuco ad Yungay"

Grass, Ecuador etc

Festuca glycerioides Steud. in Lechl. Berb. Amer.
Austr. 56. 1857, nom. nud.

Tacna, Lechler 1574. Peru

= *Leptochloa uninervia*

Grass, Eo., Peru, Bol.

Festuca gouani Mutel, Fl. Franç. 4: 118. 1837.

Based on *Poa divaricatus* Gouan
France

Festuca gracilentia Buckl. Proc. Acad. Phila.
1862: 97. 1863.

"Northern Texas." Buckley, Coll.

= *F. octoflora* v. *tenella* Man. U. S.

Festuca gracilis (Weigel) Moench, Meth. Fl. 191. 1794.

Based on "*Bromus gracilis* Weigel"

referred to *Brachypodium silvaticum* (Huds.) Beauv.
by Aschers. & Griseb. "Boem. & Schult" in A. & G.

[not in Hack. Monog. Fest.]

Pommerania, Germany

Festuca gracilis Bernh. Syst. Verz. Pflanz. 46. 1800.
Not Moench, 1794.

"(*Bromus pinnatus* (L.))" cited.

= *Brachypodium pinnatum*!

Erfurt. Germany

Festuca gracilis Kunth, Mém. Gram. 1: 129. 1829,
without descr. Not Moench 1794, nor Bernh. 1800.

"*Triticum tenellum* Linn. [only reference given]
--*Gallia meridionalis*?"

France

Festuca gracilis C. Smith ex Cheval. Rev. Bot. Appl.
15: 1051. 1935, nom. nud. Not Moench 1794 nor
Bernh. 1800.

"Iles du Cap Vert (Smith):"

Cape Verde, Africa

Festuca gracillima Hook.f. Fl. Antarct. 383. 1847.

"Hab. Strait of Magalhaens; Port Famine, Capt. King."
South America

Festuca gracillima var. *brevifolia* Speg. Anal. Mus.
Nac. Buenos Aires 5: 95. 1896.

"Hab. Semel tantum in dunis maritimis: Geste Grande
Bay." [Plantae per Ruegiam a Carolo Spegazzini
anno 1882 collectae.]

Patagonia

Festuca gracillima var. *monticola* (R. A. Phil.)
St.-Yves, Candollea 3: 178, 293. 1927.

Based on *F. monticola* R. A. Phil.

Chile

Festuca gracillima var. *monticola* (R. A. Phil.) subv.
palleosens St.-Yves, Candollea 3: 296. 1927.

Valdivia, Chile

Festuca gracillima var. *patagonica* Speg. Rev. Pac.
Agron. y. Vet. La Plata 3: 586. 1897.

"Hab. In dunis maritimis ad ostia Rio Gallegos, anno
1882 (C. S.)." [Spegazzini]

Patagonia

Festuca gracillima var. *ramosa* St.-Yves, Candollea
3: 177. 1927.

"Patagonie: ...Dusen Fl. Magell. No. 5443 (herb.
Berlin); Santa Cruz au lac Puyredon et au Rio Fenix,
Exp. suec. leg. Skottsberg (herb. Berlin)."

Festuca granatensis Boiss. Elench. 93. 1838.

"*Montium Granatensium*."

Spain

Festuca granatensis Boiss. misappl. by Willk.
Linnaea 25: 66. 1852, without descr.

[Spain]

Festuca grandiflora Lam. Tabl. Encycl. 1: 191. 1791.

"E. Carolina. Fraser."

= *Arundinaria testata* Man. U. S. II.

Festuca grandiflora Spreng. ex Steud. Nom. Bot. ed. 2.
1: 630. 1840, as syn. of *G. acutiflora* Torr.
Not Lam. 1791.

= *G. acutiflora* Torr. U. S. (added to Man. II)

Festuca grandiflora Steud. Syn. Fl. Glum 1: 311. 1854.
Not Lam. 1791.

"Heller hrbr. nr. 315. Mons Tolucoo Mexico."

T = *Helleria livida* (H.B.K.) Fourn.

= *Festuca livida* fide Fournier.
basis of *Helleria livida* (H.B.K.) Fourn.

Festuca grandis (Coss.) Batt. & Trab. Fl. Alger: (Monoc.)
218. 1895.

Based on *F. drymeia* var. *grandis* Coss.

Prov. Cirtensis....monte Elough prope Bone, H. de la
Perraudière
Algeria, Africa

X *Festuca granitica* Vetter, Verh. Zool. Bot. Ver. Wien
67: 179. 1917.

Parents: *Festuca ovina vulgaris* X *pseudovina*
Keilberges [Erzgebirge, Germany]

Festuca grayi (Abrams) Piper, Contr. U. S. Nat. Herb.
10: 14. pl. 3. 1906.

Based on *Festuca microstachys* var. *ciliata* Gray 1896.
[*Festuca microstachys* var. *grayi* Abrams] 1904.

Oregon (Howell)

Man. U. S.

Festuca Griffithiana (St. Yves) Kriv. Not. Syst. (Bot.
Inst. Komarov) 17: 70. 1955.

Based on *F. subspicata* var. *Griffithiana* St. Yves

Typus. Afghanistan, prov. Kandagar, inter Kerman (3120m)
et Askerat (3000m.), ad viam Choserianam, 23 VIII
1924, D. Bukinicz. In Herb. Inst. bot. Ac. Sc. URSS
(Leningrad) conservatur.

Festuca guestfalica Boenningsh. ex Reichenb. Fl. Germ.
140³. 1830.

"An Kalkfelsen im Sauerlande in Westfalen: Weihe."
Germany

Festuca guestfalica Schur, Enum. Fl. Transsilv. 790.
1866, as syn. *F. caerulea* Schur.

[see *F. guestfalica* Bunge, ex Rohb.]

Hungary

Festuca Gussonei Lojac. Fl. Sic. 3: 351. pl. 12, f. 4.
1909.

"---Madonie al Pizzo delle Case Lojac! Herb. Pan.
Gussone."

Sicily

Festuca gussonis Trin. ex Steud. Nom. Bot. ed. 2.
1: 630. 1840, as syn. of *Vulpia sicula*

Italy

Festuca gypsophila Hack. Oesterr. Bot. Zeitschr.
27: 47. 1877.

"In collibus gypsaceis prope Aranjuez."

Spain

Festuca hackeliana Zapal. Consp. Fl. Gal. Critic.
3: 231. (1911).

"Alpes Rodnenses in calcareis: Corongisu in latere
septentr. occidentali 1900 m. 17. VIII. 1911
(Zapalowicz) et certe aliis locis."

Galicia, Poland

X *Festuca hackelii* Beck, Fl. Nieder-Oesterr. 1: 97.
1890.

Richt. Fl. Eur. 1: 101. 1890. Same basis. No
description.

Parents:

"*Festuca vaginata* X *pseudovina* Hack. Fest. 98."

"auf der Türkenschanze bei Wien VII."

Vienna, Austria

Festuca Hackelii St.-Yves, Bull. Soc. Bot. France
56: 364. 1909. [not X *F. hackelii* Beck, 1890 q.v.]

Based on *Festuca ovina* ssp. *hackelii* St.-Yves.
Élisée Reverchon Espagne...no. 1220.

[Spain]

Festuca haenkei Kunth, Rév. Gram. 1: Suppl. XXXII.
1830; Enum. Fl. 1: 403. 1833.

Based on "*Diplazone brevifolia* Presl." Rel. Haenk.

Peru, Haenke

Festuca haenkei var. *humilior* (Nees & Mey.) St.-Yves,
Candollea 3: 206. 1927.

Based on *F. humilior* Nees & Mey.

Peru

Festuca halleri All. Fl. Pedem. 2: 253. 1785.

Based on "Hall. hist. n. 1441."
Switzerland

Festuca halleri Puoc. in Parl. Giorn. Bot. Ital.
1: 121. 1844. Not All. 1785.

Cited sub. *F. violacea* Schleich. Hack. Monog. Fest.
Eur. 133.

Italy

Festuca halleri var. *aurata* Schur, Enum. Fl. Transsilv.
784. 1866, as syn. of *Festuca halleri* var. *palles-*
cens Schur.

Hungary

Festuca halleri A) eu-Halleri c. *decepiens* (Clairv.)
Brand in Koch, Syn. Deutsch. Schweiz. Fl. ed. 3.
3: 2771. 1907.

Based on *F. decepiens* Clairv.
Switzerland

Festuca halleri A) eu-Halleri b. *dura* (Host) Brand in
Koch, Syn. Deutsch. Schweiz. Fl. ed. 3. 3: 2771. 1907.

Based on *Festuca dura* Host...nicht Vill.
Austria

Festuca halleri Rasse A. *marginata* (Hack.) Aschers. &
Graebn. Syn. Mitteleur. Fl. 2: 481. 1900.

Based on "*F. laevis* var. 1 (16) *marginata* Hack."
[*Festuca ovina* ssp. *laevis* var. *marginata* Hack.]
France

Festuca halleri var. *pallescens* (Gaudin) Schur, Enum.
Fl. Transsilv. 784. 1866.

Based on *F. pallida* Gaudin
"Herr Ludw. Thomas auf den Alpen im Wallis und
oberhalb Ber."
Switzerland

Festuca halleri var. *pruinosa* Romm. Hepert. Sp. Nov.
Fedde 29: 145. 1931.
"Bulgarien: Musallah, abere Region, ca 2900-3000m."

Festuca halleri var. *rigidifolia* Schur, Enum. Fl.
Transsilv. 784. 1866.
"Auf dem Betyezat der Hunyader Alpen."
Hungary

Festuca halleri ssp. *riloensis* Hack. ex Hayek, Beih.
Bot. Centralbl. 45: 307. 1928.

"Bulgarien: Rilo Dagh, m. Elenin vrch, in rupibus
excelsis, 2600 m, leg. Stiefelhagen, det. Hackel
(Specimen originale!)"

Festuca halleri var. *scabra* Schur, Enum. Fl. Transsilv.
784. 1866.
"Fogaraser Alpen. Aug."
Hungary

Festuca halleri Rasse B. I. g. *stenantha* (Hack.)
Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 482. 1900.

Based on *F. [ovina] laevis* var. *stenantha* Hack.
Europe

Festuca halleri var. *Timbalii* (Hack.) Aschers. & Graebn.
Syn. Mitteleur. Fl. 2: 482. 1900.

Based on *F. ovina* ssp. *laevis* var. *marginata* subv.
Timbalii Hack.
France

Festuca halleri var. *villosula* (Hack.) Aschers. &
Graebn. Syn. Mitteleur. Fl. 2: 483. 1900; Lief.
38. 1903.

Based on *F. ovina* ssp. *laevis* var. *genuina* subv.
villosula Hack.
Italy

Festuca halleri var. *vivipara* Aschers. & Graebn. Syn.
Mitteleur. Fl. 2: 484. 1900; Lief. 26: 38. 1903.

Aschers. & Graebn. refer to Hack. Monogr. Fest. 111.
1882. In discussion under *F. ovina* ssp. *laevis* var.
dura Hackel cites: "Formam viviparam legit cl.
Strobl pr. Klein-Salik Styriae sup." but combination
not clearly made here.

Festuca hallerioides Schur, Enum. Fl. Transsilv. 790.
1866, as syn. of *F. glauca* g. *Hallerioides* Schur.
Hungary

Festuca hallii (Vasey) Piper, Contr. U. S. Nat. Herb.
10: 31. 1906.

Based on *Melica hallii* Vasey
Colorado, Hall & Harbour 621.
= *F. scabrella* Man. U. S.

Festuca halmvris Mabille, Act. Soc. Linn. Bordeaux 25:
611. 1864.

"Sables maritimes que la mer atteint..Saint-Jacut,
Dinard, Rotheneus, et puis ça et là sur les plages.
AC."
France

X *Festuca haussknechtii* Torges, Mitt. Bot. Ver. Jena.
8: 6. 1890.

"*Festuca gigantea* X *rubra*."
Europe

Festuca hawaiiensis Hitchc. Mem. Bishop Mus. 8: 115.
1922.

"Type in the U. S. National Herbarium, no. 836317,
collected in rich soil on a moist wooded hill (Pu
Huluhulu), Humuula Sheep Station, Hawaii, at about
2000 meters elevation, Aug. 27, 1916, By A. S.
Hitchcock (no. 14446)."
Hawaii

Festuca hemipoa Delile ex Spreng. Syst. Veg. 4:
Cur. Post. 36. 1827.

"Ager monspel." [Cult.? Montpellier]

Festuca henriquezii Hack. Bot. Centralbl. 8: 406. 1881;
Monogr. Fest. Eur. 126. 1882. Name only.

"Serra da Estrella lusitanae pr. Covao do Boi et
Lapa dos dinheiros leg. cl. Dr. J. Henriquez...."
Portugal

Festuca hephaestophila Nees ex Steud. Syn. Fl.
Glum 1: 310. 1854.

"In oratore montis ingnivomi: Volcan de Agua Mexico."
Guatemala

Festuca heptantha K. Koch, Linnaea 21: 410. 1848.

"Im Hochgebirge, auf sumpfigen Wiesen, auf Urgestein,
..."

X *Festuca hercynica* Wein, Hepert. Sp. Nov. Fedde
6: 354. 1909.

"*F. rubra* X *pratensis*" cited.

"Südostharz: An der chaussee Grillenberg-Wippra..."
Europe

Festuca heteromalla Pourr. Chloris Narbonensis "extrait"
republished in Mem. Acad. Roy. Sci. Toulouse 3: 319.
1788.

[Original published in 1783] Reprinted
with annotations by Lagrave, Bel. Pourretianae,
Toulouse, 1885, paging of original not seen]
1788 paging given in Ind. Kew and here.

"A. Narbonne, dans les prés." France

Festuca heterophylla Lam. Fl. Franç. 3: 600. 1778.
Haenke in Jacq. Coll. Bot. 2: 93. 1788.

"On trouve cette plante dans les bois & les lieux
couverts."
France

Festuca heterophylla Vill. Hist. Fl. Dauphine 2: 100.
1787.

"D. Juss. *Festuca nemorosa*, la Tourr. Chlor 3."
France

Festuca heterophylla Wahl. Veg. Helv. Sept. 18. 1813.
Not Lam. 1788.

"Host gram. 3. tab. 13. Gaudin agrostol. 1. p. 248.
Haller. histor. n. 1438." cited.

"ad terminum Fagi copiose ex. gr. in monte Grosswald
prope limitem Toggenburgensem."
Switzerland

Festuca heterophylla var. *alpina* Gren. & Godr. Fl.
France 3: 575. 1855.

"*F. nigrescens* Lam. and *F. amethystina* Delarbre" cited
"----dans le Jura a la Dole; dans les Basses-Alpes
a la vallée de Larche; monts Dore; Cantal; montagnes
de la Marguerite et de la Lozère."
France

Festuca heterophylla var. *alpina* Godr. in Merino, Fl.
Descr. Ilustr. Galicia 3: 360. 1909. Not Gren. &
Godr. 1855.

"(Herbar. núm. 2.011)..." "bastante vulgar en parajes
descubiertos y pedregosos del monte Camilo, Orense"
Spain

Festuca heterophylla var. *balearica* Richt. Fl. Eur.
1: 98. 1890.

Based on *Festuca balearica* Quatt. ap. Roem.
[Quatt. ex Zuccagni in Roemer]
Europe

Festuca heterophylla var. *homophylla* Schur, Enum. Fl.
Transsilv. 792. 1866.

"Zwischen Gebüsch bei Hammersdorf."
Hungary

Festuca heterophylla var. *hostii* Duby in DC. Bot. Gall.
1: 518. 1828.

"*F. heterophylla* Host." [not so named by Host]
misapplied?

[Wahlenb. cites "Host, gram. 3. pl. 13"....]

[not in Hack. Fest. Eur.]

Festuca heterophylla var. *inarmata* et *setifolia* (Schur)
Kraj. Veröffentl. Geobot. Inst. Bübel 10: 30. 1933.

Based on *F. inarmata* Schur
Transylvania, Hungary

Festuca heterophylla var. *Lamarckii* Duby in DC. Bot.
Gall. 1: 518. 1828.

"*F. heterophylla* Haenke" [Haenke, Jacq. Coll. Bot.
2: 93. 1788]

France

Festuca heterophylla var. *laxa* Neillreich, Fl. Nieder-
Oesterr. 75. 1859.

"an feuchten schattigen Stellen" Nieder-Oesterreich
Austria

Festuca heterophylla var. *leiophylla* (Hack.) Richt.
Fl. Eur. 1: 98. 1890.

Based on *F. rubra* ssp. *heterophylla* subv. *leiophylla*
Hack.

Europe

Festuca heterophylla var. *mutica* Neillreich, Fl.
Nieder-Oesterr. 75. 1859.

"die Var. fand ich nur im Walde des Hintern
Föhrenkogels am Geisberge bei Perchtoldsdorf."

Festuca heterophylla var. *nigrescens* (Lam.) Griseb. in
Ledeb. Fl. Ross. 4: 352. 1853.

Based on *F. nigrescens* Lam.
France

Festuca heterophylla var. *planifolia* Schur, Verh.
Siebenb. Ver. Naturw. 3: 91. 1852, nom. nud.

Hungary

Festuca heterophylla X *pratensis* (X *nippaensis*) Wein,
Repert. Sp. Nov. Fedde 6: 354. 1909.

"Sudestharz:
Europe

Festuca heterophylla var. *prorepens* Schur, Enum. Fl.
Transsilv. 792. 1866.

"Auf schattigen Triften der Alpen in der Region des
Krummholzes. 5000'. Arpás, Bütian. Jun. Jul."

Hungary

Festuca heterophylla var. *puberula* Parl. Fl. Ital.
1: 439. 1848.

"Ho avuto la varietà b, dal Gasparini che l'ha
raccolta in Basilicata."

Italy

Festuca heterophylla var. *robusta* Erdner, Bericht
Naturw. Ver. Schwaben u. Neuburg 39-40: 87. 1911.

"Unterhauser Forst bei der Roten Saul!"
[Neuburg. Schwaben. Germany]

Festuca heterophylla var. *sordida* Schur, Enum. Fl.
Transsilv. 792. 1866.

"In Laubwäldern der Preschbe und des Götzenberges bei
Heltau. Glimmerschiefer 4000'. Jun. Jul."

Hungary

Festuca heterophylla var. *vivipara* Parl. Fl. Ital.
1: 439. 1848.

"la varietà [vivipara] dal De Notaris che l'ha
trovata nei Monti d'acqua fredda sopra Genova."

Genoa, Italy

Festuca heterophylla var. *vulpioides* (Schur) Richt.
Fl. Eur. 1: 98. 1890.

Based on *Festuca vulpioides* Schur.

Hungary

Festuca heterophylla var. *Weighartii* Podpěra, Květena
Moravy 6: 157. 1926; Acta Soc. Sci. Nat. Morav.
2: 427. 1926, descr. Czechoslov.

"Na Bučíně u Ivančic (Podpěra)."

Czechoslovakia

Festuca hieronymi Hack. Oesterr. Bot. Zeitschr. 53: 33.
1903.

"Republica Argentina: Sierra Achala ad Quebrado del
Chorro al Este de los Gigantes; Sierra Chica de
Córdoba ad Colanchange. Ig. Hieronymus s. nrr. 9 et
41."

Aff. "*F. setifolia* Steud."

Festuca hirsuta Host, Icon. Gram. Austr. 2: 61. pl. 85.
1802. See Moench, 1802.

Cites: "*Festuca Halleri* Allion." }
"Hall. hist. n. 1441." } Switzerland

"Mygind."

Switzerland; Austria

Festuca hirsuta Moench, Meth. Fl. Suppl. 62. 1802.
See Host 1802.

"h. H." Marburgi. Cult.

Germany

Festuca hirsuta Lam. & DC. Fl. Frang. ed. 3. 3: 53.
1805. Not Moench, 1802; not Host, 1802.

"Cette espèce a été trouvée dans le Valais, par
M. Schleicher."

France

Festuca hirsuta Hall.f. ex Gaudin, Alpina 3: 48. 1808,
as syn. of *Koeleria hirsuta* Gaudin.

"Hall.f. in notis ined. Flor. fr. No. 1592?"
only information given

Europe

Festuca hirsuta Hornem. [Host misappl. by] Fl. Dan. pl.
1627. 1823. Not Host 1802, nor Moench 1802. nor
Lam. & DC. 1805.

[Denmark]

Festuca hirsuta Hegetschw. & Heer, Fl. Schweiz 91.
1840. Not Moench 1802, nor Host 1802, nor Lam. & DC.
1805.

"Auf dünnen felsigen Hügeln. Am Irchel! im Wallis!"

Switzerland

Festuca hirta Seen, Beschr. Reise 59. 1805.

"Locus. Circa Capo d'Istria in collibus abunde."

Europe

Festuca hispanica (Reichard) Kunth, Rev. Gram. 1: 129.
1829.

Based on "*Triticum hispanicum* Reichard Willd."

Spain

Festuca hispanica Richt. Fl. Eur. 1: 109. 1890.

"*Brachypodium montanum* Nym. syll. p. 426 1854-55)"

= *Nardurus montanus* Boiss & Reut. Pug. 129. 1852
[Aschers & Graeb.]

[Spain]

Festuca hispida Savi, Fl. Pisa 1: 117. 1798.

"Monte Pisano vicino a Calci."

Italy

X *Festuca hoiensis* Prod. Bulet. Grad. Bot. Univ. Cluj
16: 91. 1936.

Parents:

Festuca pratensis Huds. X *F. rubra* L.

"Cluj, ...Valea Hărtasului..Hoia. VI. 1922."

Rumania

Festuca Holmbergii Dörf. Bot. Centralbl. 32: 651. 1911.

Notice of "Herbarium normale. Cent. LIII und LIV.
(Wien. III Barichg. 36. 1911.

"nova hybrid. (= *F. arundinacea* X *Lolium perenne*.
(Schweden)"

Sweden

no descr.

Festuca hondoensis (Ohwi) Ohwi, Acta Phytotax. & Geobot.
6: 151. 1937.

Based on *F. rubra* var. *hondoensis* Ohwi.

Hondo Japan

Festuca hookeriana F. Muell. ex Hook.f. Fl. Tasm.
2: 127. pl. 165. 1858.

"Hab. Cheshunt, Archer.--"

Tasmania

Festuca hordeiformis Wulf. ex Steud. Nom. Bot. 337.
1821, as syn. *F. uniglumis*; Fl. Nor. Phan. ed. Fenzl
& Graf 141. 1858.

"*Festuca uniglumis* Sol." cited.

Festuca horridula Pilger, Bot. Jahrb. Engler 37: 514.
1906.

"Weberbauer n. 2586."

U.S.
"Peru: Dep. Junin, La Oroya"

Festuca hostii Schott ex Boem. & Schult. Syst. Veg.
2: 722. 1817, as syn. of *F. xanthina* Boem. & Schult.
"Schott Herb." cited.

Europe

Festuca hostii Kunth, Rév. Gram. 1: 129. 1829.

Based on "*Poa festucaeformis* Host."

[this = *Puccinellia*]

Old Austria

Festuca howellii Hack. ex Beal, Grasses N. Amer. 2: 591. 1896.

(Deer Creek Mountains), Oregon, Howell [248] in 1887, distributed by U. S. Dept. Agricul.

= *F. viridula* Man. U. S.

Festuca huamachuensis Infantes, Rev. Ciencias 54: 107. 1952.

"Peru: La Libertad"

Festuca hubsugulica Kriv. Not. Syst. (Bot. Inst. Komarov) 17: 77. 1955.

Typus. Mongolia, locus Hubsugul, vallis Arassaj, 13 VII 1902, d., V. Komarov. In Herb. Inst. bot. Ac. Sc. URSS (Leningrad) conservatur.

Festuca Humbertii Litard. & Maire in Maire, Mém. Soc. Sci. Nat. Maroc. 15: 56. 1926.

"Hab. in Atlantis Medii montibus supra urbem Taza: in pascuis Montis Tazeka, ... Typus in Herb. Univers. Algeriensis, in Herb. Inst. Imper. Scient. Rabatensis et in Herb. B. de Litardiere."

[H. Humbert, coll. in 1925]
Maire, etc.

Morocco

Festuca humilior Nees & Mey. in Nees, Nov. Act. Acad. Caes. Leop. Carol. 19: Suppl. 1: 35. 1841; 167. 1843.

[Meyen, Meis. Erd. 466. 1834, nom. nud.]

"In iugo montium Peruvianorum, Cordillera dicto.... Apr. 1831." [Meyen, Coll.]

Peru

Festuca hybrida Brot. Fl. Lusit. 1: 115. 1804.

"Hab. in aridis, ad vias prope Conimbricam, et alibi in Beira."

Portugal

Festuca hyperborea K. Holmen, Meddel. om Grönl 124(9): 120. 1957.

Based on "*F. ovina* var. *brevifolia* sensu Ostenfeld (1923)" not a published name?

Festuca hypsophila R. A. Phil. Anal. Mus. Nao. Chile 2nd. Sect. Bot. 8: 89. 1891.

"Ad Colorado, Leoncito, Ampexa, Huasco frequens, c. 3800 m. s. m." [Philippi, Tarapaca]

Chile

Festuca hystrix Boiss. Elench. 89. 1838.

"Habitat in Sierra Tejeda, Sierra de Tolox, inter rupe, Sierra Nevada in calcareis."

Spain

Festuca hystrix f. *longifolia* Maire, Fl. Afrique Nord. 3: 132 1955.

"M. Montagnes de Tetuan (Gandoger, teste St. Yves); Rif: Mont Tissouka [E & M]; Moyen Atlas et Grand Atlas oriental..."

Festuca hystrix subv. *soabra* St.-Yves, Bull. Soc. Bot. France 71: 120. 1924.

"Habit.---Espagne: Sierra de Villa Verde, Bourgeau Fl. Esp. 1850, no. 933 sub.: *F. duriuscula* L." (herb. Mus. Paris et herb. Deless.); Sierra de Javalambre, Dorfner Herb. norm. no. 3393 (herb. Deless.)."

Spain

Festuca iberica (Hack.) Richt. Fl. Eur. 1: 99. 1890.

Based on *Fest. rubra* ssp. *violacea* var. *iberica* Hack. Peninsula Ibericae

Spain & Portugal

Festuca iberica var. *subscabra* (Hack.) Richt. Fl. Eur. 1: 99. 1890.

Based on *Fest. rubra* ssp. *violacea* var. *iberica* subv. *subscabra* Hack,

Spain

Festuca idahoensis Elmer, Bot. Gaz. 36: 53. 1903.

688 L. R. Abrams, July 1900. Herb. Abrams.

Smith's Valley, Shoshone Co., Idaho.

Man. U. S.

Festuca inarmata Schur, Verh. Siebenb. Ver. Naturw. 10: 177. 1859.

"An Kalkfelsen an der Sonnseite." Siebenbürgen.

Hungary

Festuca inarticulata Pilger, Bot. Jahrb. Engler 37: 516. 1906.

"Weberbauer n. 3218"

"Peru: in montibus "Cordillera negra" supra Caraz"

Festuca incrassata L. Sp. Pl. ed. 1. 1: 75, fol. orig. 1753.

Hispan. Spain

Festuca incrassata Salzm. ex Loisel. Fl. Gall. ed. 2. 1: 85. 1828. Not L. 1753.

"In agro Rusciniensi et circa Monspelium, ex D. Requier; in Corsica (Salz.)."

France; Italy

Festuca indica Retz, Obs. Bot. 4: 21. 1786.

"E Tranquebaria dedit amic. König, ubi in agris Oryzaceis crescit."

India

Festuca indigesta Boiss. Elench. 91. 1838.

"Hab. in declivitatibus siccis in Sierra Nevada,"

Basis of *F. ovina* ssp. *indigesta* (Boiss) Hack.

Spain

Festuca indigesta var. *Aragonensis* Willk. in Willk. & Lange, Prodr. Fl. Hispan. 1: 94. 1861.

"in Aragon monte Noncayo...Willk."

Spain

Festuca indigesta var. *hystrix* (Boiss.) Willk. in Willk. & Lange, Prodr. Fl. Hisp. 1: 94. 1861.

Based on "*Festuca hystrix* [Boiss.]

Spain

Festuca inermis Lam. & DC. Fl. Franc. ed. 3. 3: 49. 1805.

Based on "*Bromus inermis* L. Syst. 100. Schreb. Gram. t. 13. Lam. Ill. n. 1061." Leyss.

In Pomariis in den Pulverweiden in Amstgarten ad Belberg Grollwitz [taken from the Leyss. basis]

Eur.

Festuca inermis var. *villosa* Mert. & Koch in Roehl. Deutschl. Fl. Ed. 3. 1: 675. 1823.

"Zottig, villosa. Mit behaarten Aehren; und ausserdem mit arnblüthiger und reich mit Aehren ausgestatteter Rispe."

[Germany]

Festuca infesta Hack. in Batt. & Trab. Fl. Alger. 2: (Monoc.) 213. 1895. "Hack. in litt." cited. (Hack. ex Batt. & Trab. Bull. Soc. Bot. France 35: 347. 1888, nom. nud.)

"Djebel-Aïssa au-dessus d'Aïn-Sefra, Sud oranais." Algeria. Africa

Festuca ingrata (Hack.) Rydb. Bull. Torrey Club 32: 608. 1905.

Based on *F. ovina* var. *ingrata* Hack. ex Beal. Oregon (Howell in 1880)

= *F. idahoensis* Man. U. S.

Festuca ingrata nudata (Vasey) Rydb. Agric. Exp. Sta. Colorado Bull. 100: 50. 1906.

"*F. ovina* var. *nudata* Vasey." (herbarium name only)

Colorado

= *Festuca idahoensis* Man. U. S.

Festuca inopoda Schur, Enum. Fl. Transsilv. 793. 1866, as syn. of *F. flaccida* & *aureo-flava* Schur. Hungary

Festuca inops Delile, Desor. Egypt 1813, name only; Flore d'Egypte Expl. plantes pl. 63-[pl. 63 did not appear in print until 1882, publ. by Barbey. Herb. Levant. 1882. photograph pl. 8. f. 1.]

Festuca inops Delile ex Steud. Nom. Bot. 337. 1821, name only; Boiss. Fl. Orient. 5: 630. 1884, as syn. of *Vulpia inops* (Delile) Hack.

Egypt

= *F. brevis* (Boiss & Kotschy) Aschers. & Schweinf. & Muschl. 1: 138. 1912. Based on *Vulpia brevis* Boiss. & Kotschy.

Arabia

Festuca inops De Not. (Report. Fl. Ligust. 2: 500. 1848) Mem. Acad. Sci. Torino II. 9: 500. 1848. Not Delile 1813. nom. nud.

"In pascuis aridis montis Garze supra Sestri a Ponente."

Italy

[in *Ovina* group - *F. ovina* ssp. *euovina* subvar. *inops* (De Not.) Hack. Monogr. Fest. Eur. p. 95. 1882]

Festuca inops var. *spiralis* Aschers. & Hack. Sitzungsab.
Bot. Ver. Brand. 22: 110, 113. f. 1, 2. 1880.

Egypt

Festuca inops var. *subdisticha* Aschers. & Hack.

Sitzungsab. Bot. Ver. Brand. 22: 111, 113. f. 3, 4.
1880.

[Egypt]

Basis of *Vulpia inops* var. *subdisticha* Aschers. & Hack.

Africa

Barbey

Festuca insularis Steud. Syn. Fl. Glum. 1: 312. 1854.

"Lechler hrbr. nr. 276. In Ins. Valenzuela prope
Valdiviam."
Chile

Festuca insularis M. Pop. Nat. Syst. Herb. Inst. Bot.

Komarov 18: 4. 1957. Not Steud. 1854.

Typus: Lacus Baical, fretum Cziryvkuiski, insula
"Lochmatyi Kaltygoi" in saxis ripae septentrionalis,
25 VI. 1954, M. Popov, Peschkova et Novokosonov.
In herbario Irkutensi conservatur.

Aff *F. hirsuticarpa* Krivot.

X *Festuca interjecta* Vetter, Verh. Zool. Bot. Ver.

Wien 67: 175. 1917.

"bei Wolkersdorf.....Nach Marchegg ...bei
Gänserndorf."

Austria

Festuca intermedia Roem. & Schult. Syst. Veg. 2: 715.

1817.

Based on "*Festuca stricta* Gaud." [1808, not Host 1802]

"*F. stricta* Host"

"*F. hirsuta* Host" [cited as synonyms or
vars.]

Europe

X *Festuca intermedia* Hack. ex Junge, Jahrb. Hamb. Wiss.

Anst. 22. Beih. 3: 66. 1905. Not Roem. & Schult.

1817.

Parents

Festuca pratensis X *arundinacea*

H.: am Elbdeich bei Ohsenwärder unter den Eltern
spärlich!!

H = Hamburg

Festuca interrupta Desf. Fl. Atlant. 1: 89. 1798.

"Habitat in arvis."

Africa

Festuca involuta Moench ex Roem. & Schult. Syst. Veg.

2: 720. 1817, as syn. of *F. glauca* Lam.

Europe

Festuca irritans (R. Br.) F. Muell. Veg. Chath. Isl.

59. 1864.

Based on "*Triodia irritans* R. Br."

" " " "

Australia

Festuca issatchenkoi St.-Yves, Candollea 5: 134. 1932.

"Spec. exam.--Russie. Gouvern. de Voronège: Montagnes de craie le long de la rive droite de la rivière Bitiaz, distr. de Bobrov, près du village de Liposka, leg. Doubiansky 7 VIII 1910 (herb. Petrop); Montagnes de craie le long de la rive droite du Don, distr. de Bogoutchar, leg. Doubiansky 18-19 VI. 1903 (herb. Petrop)."

Russia. Europe

Festuca iwamotoi Honda, Bot. Mag. Tokyo 47: 435. 1933.

Hab. Hokkaido: Horonai, prov. Kitami (H. Iwamoto,
no. 1315, anno 1932-typus in Herb. Imp. Univ. Tokyo.

Japan

Festuca jaceutica Drobov, Trav. Mus. Bot. Acad. Sci.

Petrograd 14: 163. pl. 6. fig. 14-17, 19. 1915.

Cited as Syn. *F. ovina* var. *vulgaris* Gaud.

F. ovina L.

F. ovina var. *glauca* (?) Hack.

"Hab. Prov. Jakutsk. In sylvis, pratis, rupis. [Coll. Augustinowicz, 1876 (distr. Kolymsk), Abolin, 1912, Dolenko, 1912, Drobov, 1912, Olenin, 1902, Diwnogorskiy, 1905 (distr. Jakutsk)].

Siberia

Compared with *F. amethystina* L. (Hack. Monogr. p. 122)

Festuca japonica Makino, Bot. Mag. Tokyo 20: 83. 1906.

"Hab. Prov. Tosa: Okunokawa (K. Watanabe! May 20,
1888);" first citation.

Japan

Festuca Jeanpertia (St.-Yves) Markgr. Repert. Sp. Nov.

Fedde Beih. 30³: 276. 1932.

Based on "*F. ovina* ssp. *laevis* var. *Jeanpertia* St.-Yves, Bull. Soc. Bot. France 71: 42."

Europe

Festuca jensiseensis Reverd. Anim. Syst. Univ. Tomsk.

1936 (no. 3): 2, 3. f. 1-5. 1936.

"Distr. Krassnojarsk."

..."In valle flum. Jenissej, prope pag. Oznaczenaja, deolivitatus montanis stepposis, 6. VII. 1926 et 20. VI. 1927.In valle flum. Jenissej contra pag. Schumerskoje. In arenosis. 8. VII. 1926, V. Reverdatto"

Siberia

Festuca jensiseensis Reverd. Not. Syst. Herb. Inst. Bot.

Komarov Acad. Sci. U.R.S.S. 11: 58. 1949.

Siberia

Festuca jensiseensis var. *ciliata* Reverd. Anim. Syst.

Univ. Tomsk 1936 (no. 3): 3. 1936.

Siberia

Festuca johnsoni (Vasey) Piper, Contr. U. S. Nat. Herb.

10: 35. 1906.

Based on *F. nutans* var. *johnsoni* Vasey

Texas

= *F. versuta* Man. U. S.

Festuca jonesii Vasey (Gram. U. S. 43, nom. nud.);

Contr. U. S. Nat. Herb. 1: 278. 1893.

"Type specimen collected by M. E. Jones in
southern Utah in 1880."

= *F. subulata* Man. U. S.

Festuca jonesii var. *conferta* Hack. ex Beal, Grasses

N. Amer. 2: 593. 1896.

"California, U. S. Dept. Agricul. from Normal School
San José, now in Herb. Scribner and seen by E.
Hackel."

California

= *Festuca elmeri* var. *conferta* Man. U. S.

Festuca jubata Lowe, Trans. Cambridge Phil. Soc. 6: 530.
1838.

"Hab. rariss. in rupibus convallium Maderae...
Primus invenit Car. Lemann." [Madeira Is.]

Africa

Festuca juncea (L.) Moench, Meth. Fl. 190. 1794.

Based on "*Triticum junceum* L." [= *junceum*]

Europe--Orient

["glumes truncate, appears to be *Agropyron intermedium* (Host) Beauv.---A.S.H.--see *Triticum junceum* card.]

Festuca juncea R. A. Phil. Anal. Mus. Nac. Chile 2nd.

Soc. Bot. 8: 88. 1891. Not Moench, 1794.

"Inter Aguas calientes et Socaire lecta, c. 3200
m. s. m." [Philippi Tarapaca.]

Chile

Festuca juncifolia St. Amans, Fl. Agen. 40. 1821.

"Dans les Landes." Flore Agenaise

France

Festuca juncifolia var. *planifolia* (Hack.) Druce, List.

Brit. Fl. Ed. 2. 132. 1928, without descr.

Presumably based on *Festuca rubra* var. *planifolia*
Hack.

Europe

Festuca jurana Gren. ex Nyman, Consp. Fl. Eur. 826.

1882, as syn. of *F. pulchella* Schrad.

Europe

Festuca karatavica (Bunge) Fedtsch. Bastit. Turkest.

136. 1915.

Based on *Poa karatavica* Bunge

Turkestan

Festuca kashmiriana Stapf in Hook.f. Fl. Brit. Ind.

7: 351. 1896.

"Temperate and Alpine Himalaya: from Kashmir to
Kumaon."

India

Festuca kashmiriana var. *debilis* Stapf in Hook.f. Fl.

Brit. Ind. 7: 351. 1896.

"Kashmir, Duthie."

India

Festuca kashmiriana var. *ligulata* Stapf in Hook.f. Fl.

Brit. Ind. 7: 351. 1896.

"Kashmir,....Duthie"

India

Festuca kashmiriana var. *simlensis* Stapf in Hook.f.

Fl. Brit. Ind. 7: 351. 1896.

"Simla....Thomson, Duthie."

India

Festuca kerguelensis (Hook.f.) Hook.f. Phil. Trans.
Lond. 168: 22. 1879.

Based on "*Triodia kerguelensis* Hook.f."
Kerguelen's Land Indian Ocean

X *Festuca kerneri* Vetter, Verh. Zool. Bot. Ges. Wien
72: 111. 1922.

Parents:
F. ovina var. vulgaris X rubra
Europe

Festuca kilimanjarica Hedb. Symb. Bot. Upsal. 15: 36.
1957.

Based on "*Koeleria convoluta* Hochst. var. *vulcanica*
Domin, Bibl. Bot. 14(65): 111 t. 1. f. 16 and t. 6.
f. 3-9. 1907.--Tanganyika, Kilimanjaro, ... Volken
1507 (B, lectotype; type of *F. kilimanjarica*)."

Festuca kingiana (Endl.) Steud. Syn. Fl. Glum 1: 316.
1854.

Based on "*Triticum kingiana* Endl."
Norfolk Islands, Phillips Isl. Ferd. Bauer

Festuca kingii Cassidy, Colo. Agr. Exp. Sta. Bull.
12: 36. 1890.

"on the North Poudre River." [may be based on *Poa*
kingii S. Wats. but that not cited; described. Pro-
posed as new by Scribn. U. S. Dept. Agr. Div. Agrost.
Bull. 5: 36. 1897. Based on *Poa kingii* S. Wats.
"East Humboldt Mts. Nevada."

"on the North Poudre" Colorado

= *Hesperochloa kingii* (S. Wats.) Rydb. Man. U. S.
ed. 2.

Festuca kingii var. *rabiosa* (Piper) Hitchc. Amer.
Journ. Bot. 21: 128. 1934.

Based on *F. confinis* ssp. *rabiosa* Piper
= *Festuca scabrella* Man. U. S. ed. 2.
Crazy Woman Creek, Wyo. (Williams & Griffiths 25)

Festuca kirelowii Steud. Syn. Fl. Glum 1: 306. 1854.

"*Festuca nigrescens* Turcz. hrbr. ... lecta a Kirel
et Karel in Songaria."
China

Festuca kitaibeliana Schult. Mant. 2: 398. 1824.

Based on *Festuca pubescens* Willd.
Hungary

Festuca kolymensis Drobov, Trav. Mus. Bot. Acad. Sci.
Petrograd 14: 155. 1915.

"Syn.: *F. ovina* L. var. *duriuscula* Koch (Trautv. Fl.
riparia Kolymensis. Acta H. P., V, p. 5691." cited.

"Prov. Jakutsk. Fl. Kolyma (Augustinowicz, 1875;
Schulga, 1905, No. 320, 325. Hb. H. P.)."

Siberia.

Compared with *F. ovina* ssp. *sulcata* var. *genuina*
Hack.

Festuca komarovii Kriv., Not. Syst. (Bot. Inst. Komarov)
17: 80. 1955.

Typus. Prov. Irkutsk, distr. Tunca, montes Sajamen-
ses, trajectus Char-Daban, 2 VI 1902, V. Komarov.
In Herb. Inst. bot. Ac. Sc. URSS (Leningrad)
conservatur.

Festuca komarovii Kriv.

first title in Russian--*Notulae Systemat ex herb.*

Inst. Bot. Nov. V. L. Komarovii Acad. Scient. URSS.

20: 56. 1960. In Russian

Festuca koreano-alpina Ohwi, Acta Phytotax. & Geobot.
10: 111. 1941, as syn. of *F. ovina* var. *koreano-*
alpina Ohwi.

Korea

Festuca koritnicensis Hayek & Vetter, Denkschr. Akad.
Wiss. Math.-Naturw. (Wien) 99: 220. 1924.

"Humusreicher Boden in der Gipfelregion des Koritnik,
Zirka 2200 m (D. Exs. Nr. 975 als *F. glauca*)--Auf
felsigem Boden in der Gipfelregion des Koritnik
(D. Exs. Nr. 976 als *F. glauca*)."

[Dörfler, Coll. Albania]

Festuca kranenburgii Hack. Allg. Bot. Zeitschr.
11: 132. 1905.

A. Kranenburg "Juni '04."

"Bei Daraut-Kurgan." Central Asia

Festuca kransei Regel, Acta Hort. Petrop. 7: 594. 1881.

"In montibus non procul a Tschotkal (Krause), in
valle fluvii Sarawschan in angustis Urgut (O. Fedt-
schenko)."

Turkestan

Festuca kryloviana Reverd. Anim. Syst. Univ. Tomsk.

1927 (2): 3. 1927.

"Planta nostra late propagata (in 37 locis notata)
per regionem alpinam et interdum subalpinam montium
altaicorum, ubi in "tundra" et pratis alpinis subal-
pinisque crescit."

Siberia

Festuca kryloviana var. *musbelica* Reverd. Anim. Syst.

Univ. Tomsk. 1927 (2): 4. 1927.

"var. *musbelica* n. habitat ad marginem glaciei
Taldurit (P. Krylov, W. Baranov) et in montibus
altaicis austro-occidentalibus."

Festuca kurtziana St.-Yves, Candollea 3: 201. 1927.

"Rep. Argentine: Mendoza... F. Kurtz Herb. arg.
no. 7196."

Festuca lachenalii Spenner, Fl. Friburg. 3: 1050. 1829.

No loc. cited Freiberg, Baden
Germany

Festuca lachenalii var. *aristata* Koch, Syn. Fl. Germ.

Helv. ed. 2. 935. 1843.

Based on [*Triticum lolioide*s var. *aristatum* Tausch]

[Europe]
Germany

Festuca lachenalii elongata (Tausch) Aschers. & Graebn.
Syn. Mitteleur. Fl. 2: 539. 1900.

Based on *Triticum lolioide*s var. *elongatum* Tausch
Germany

Festuca lachenalii var. *mutica* (Tausch) Aschers. &
Graebn. Syn. Mitteleur. Fl. 2: 539. 1900.

Based on *Triticum lolioide*s var. *muticum* Tausch
Europe

Festuca lachenalii var. *pauciflora* Aschers. & Graebn.
Syn. Mitteleur. Fl. 2: 539. 1900.

Europe

Festuca lachenalii var. *ramosa* Koch, Syn. Fl. Germ.
Helv. ed. 2. 935. 1843.

[Europe]

Festuca lachenalii var. *tenuicula* (Lois.) Richt. Fl.
Eur. 1: 109. 1890.

Based on *Triticum tenuiculum* Lois.
Nantes, France

Festuca laeteviridis Pilger, Bot. Jahrb. Engler
37: 510. 1906.

"Fiebrig n. 2955"

"Bolivia australis: ad viam Renecilla apud oppidum
Tupiza."

Festuca laeteviridis var. *lasiorrhachis* (Pilger) St.-
Yves, Candollea 3: 239. 1927.

Based on *F. lasiorrhachis* Pilger
Peru; (Weberbauer 904, 907, 589)

Festuca laevigata Gaudin, Alpina 3: 60. 1808.

"---ist gemein auf den Alpen---des Lioson, Lavaroz,
Surchamp u.s.w."
Switzerland

Festuca laevis (Thunb.) Spreng. Syst. Veg. 1: 355.
1825.

Based on "(*Dactylis laevis* Thunb.)"
Cape Good Hope - Africa
(Thunberg)

Festuca laevis Kit, Linnaea 32: 313. 1863.
Not Spreng. 1825.

[Flora Hungarica. A. Rochel...missa: the same
as *F. Roehelii* Kit.]
Hungary

Festuca laevis (Hack.) Nyman, Conspect. Fl. Eur. 828. 1882.
Not Spreng. 1825.

(Same comb. made by Rouy, Fl. France 14: 214. 1913,
and Fedtsch. Bull. Jard. Imp. Bot. Pierre Grand 14
(Suppl. 2): 84. 1915, without descr.)

Based on *F. ovina* ssp. *laevis* Hack.
Europe

Festuca laevis (Hack.) Trab. in Batt. & Trab. Fl.
Alg. Mon. 213. 1895. Not Spreng. 1825.

F. ovina var. *laevis* Hack. Bot. Centralbl. 8: 405.
1881. cited

Festuca laevis var. *brevifolia* Batt. & Trab. Fl. Alger.
2: (Monoc.) 213. 1895. [laevis not Spreng. 1825]

"Daya à la vigie, Meghris."
Africa

Festuca laevis var. *campana* (Terr.) Richt. Fl. Eur.
1: 96. 1890, without descr.

F. duriuscula o. *campana* Terr. Campania, Graecia.
cited.
Europe

Festuca laevis var. *gracilis* (Hack.) Richt. Fl. Eur.
1: 96. 1890. [*laevis* not Spreng 1825]

Based on *Fest. ovina* ssp. *laevis* var. *genuina* subv.
gracilis Hack.

Sicily

Festuca laevis var. *Heldreichii* Richt. Fl. Eur.
1: 96. 1890.

Based on *Fest. ovina* ssp. *laevis* var. *genuina* subv.
Heldreichii Hack.

Greece

Festuca laevis var. *latifolia* Batt. & Trab. Fl. Alger
2: (Monoc.) 213. 1895. [*laevis* not Spreng. 1825]

"Djebel Dréat." Algeria

Festuca laevis var. *longearistata* (Hack.) Hayek, Repert.
Sp. Nov. Fedde Beih. 307: 282. 1932.

"*Festuca ovina* var. *laevis* forma *laevis* Hack. in Hal.
Consp. III. 403)" cited.

Probably *F. ovina* ssp. *euovina* var. *duriuscula* subv.
genuina forma *longearistata* Hack. Monog. Fest.
Europe 91. 1882. intended as basis.

Europe

Festuca laevis var. *mollis* Lojac. Fl. Sioul. 350. 1909.

"(Specimen unicum in Herb. Pan.)"

Sicily

Festuca laevis var. *ruprechtii* (Boiss.) Fedtsch. Bull.
Jard. Imp. Bot. Pierre Grand 14 (Suppl. 2): 84. 1915.

Based on *F. ovina* ssp. *laevis* var. *ruprechtii* Boiss.
Eastern Caucasus

Festuca laevis var. *villosula* (Hack.) Richt. Fl. Eur.
1: 96. 1890.

Based on *Fest. ovina* ssp. *laevis* var. *genuina* subv.
villosula Hack.

Italy

Festuca laeviscula Klokov, Not. Syst. Herb. Inst. Bot.
Komarov Acad. Sci. U.R.S.S. 12: 56. 1950.

Typus speciei. RSS Ucr., prope oppidum Kremenzug,
in arenosis, 6 VI 1932, legit E. Polonskaja; in Herba-
rio Instituti botanicae Ac. Sc. RSS Ucr. Conservatur.

Eur. U.S.S.R.

Festuca lagascae Hort. Berol. ex Steud. Nom. Bot. ed. 2.
1: 630. 1840, as syn. of *F. varia*.

Cult.

Festuca lamprophylla Batt. & Trab. Fl. Alger. 2: (Monoc.)
212. 1895.

(Trab. Bull. Soc. Bot. France 36: 64. 1889, nom. nud.)
"Babor, le Meghris, le Chéila, les crêtes du Djurjura"

Algeria, Africa

Festuca lanata Spreng. Syst. Veg. 1: 353. 1825.

"Monte Video. Sello." Uruguay

Festuca lanceolata Forsk. Fl. Aegypt. Arab. 22. 1775.

Hab. "Alexandriae."

Egypt

Festuca lanuginosa Scheele, Flora 27: 63. 1844.

Beese, Holsatia Germany

Festuca lasiantha Schur, Enum. Fl. Transsilv. 788. 1866,
as syn. of *F. valesiaca* & *lasiantha* Schur.

Hungary

Festuca lasiorrhachis Pilger, Bot. Jahrb. Engler
37: 508. 1906.

"Peru: supra Cayocuyo....(Weberbauer n. 904! et 907!
....Sandia....(Weberbauer n. 589)."

Festuca latifolia DC. Cat. Hort. Monsp. 111. 1813.

[Horti Monspessulani]

Cult. Montpellier

Festuca latifolia Roth, Nov. Fl. Ind. Orient. 75. 1821.
Not DC. 1813.

Basis of "*F. blepharophora* Roem. & Schult...."

"Heyne ex India orientali."

Festuca latifolia Host. Fl. Austr. 1: 152. 1827.
Not DC. 1813.

"In agro salisburgensi in montis Untersberg sylvis;
copiose prope Furstenbrunnen."

Austria

Festuca latifolia Dulac, Fl. Haut.-Pyr. 93. 1867.
Not DC. 1813.

"*F. arundinacea* Schreb." cited.

Germany

Festuca latispica F. Muell. Fragm. Phyt. Austr. 8: 127.
1873.

"Ad Gwydir et Myall-Creek, Leichhardt; in Nova Anglia,
C. St."

Australia

Festuca laxa Host, Icon. Gram. Austr. 2: 58, pl. 80.
1802.

"In Carnioliae, Carinthiae montanis, subalpinis;
copiosissime in monte Loibel."

Austria

Festuca laxa Host, misappl. by Gaudin, Agrost. Helv.
1: 261. 1811.

Switzerland

Festuca laxa Schleich, ex Steud. Nom. Bot. ed. 2.
1: 630. 1840, as syn. of *F. varia*. Not Host 1802.

Europe

Festuca laxa ssp. *canescens* (Host) St.-Yves, Bull. Soc.
Bot. France 71: 132. 1924.

Based on *F. canescens* Host
Carniola Mts. Austria

Festuca laxa var. *dimorpha* (Guss.) Fiori, Nuov. Fl.
Anal. Ital. 1: 139. 1923.

Based on *F. dimorpha* Guss.

Same comb. St.-Yves, Bull. Soc. Bot. France 71: 132.
1924.

Same comb. P. Fourn. Quatre Flores France ed. 2. 75
1946

Festuca laxa var. *typica* Fiori, Nuov. Fl. Anal.
Ital. 1: 139. 1923.

Europe

Festuca laxiflora (A. Rich. Fl. Cub. Phanerog. 2: 318.
1838-42) A. Rich in Sagra, Hist. Cuba 11: 318. 1850.

"Crescit in pratis non procul ab urbe Havanae.
(Ramon de la Sagra)."

Cuba

= *Gouinia virgata* Man. W. I.

Festuca laxiflora R. A. Phil. Linnaea 29: 98. 1857-58.
Not Rich. 1850.

"Loco S. Rafael dicto peninsulae Tres Montes, legit
Cl. Fonk."

Chile

X *Festuca laxifolia* Vetter, Verh. Zool. Bot. Ver. Wien
67: 180. 1917. Not A. Rich. 1850.

Parents
F. rubra X *piota*

"auf dem Umschussriegel, Wechselgebiet."

Austria

Festuca lechleriana Steud. Syn. Fl. Glum 1: 428. 1855.

"Hrbr. Lechler nr. 1224a. Sandy Point, Magellan."

Festuca leioclada Hack. ex Sodiro, (Gram. Equator)
Anal. Univ. Quito 1889: 10. 1889. Name only.

Ecuador

Festuca lemanii Bast. Ess. Fl. Maine-et-Loire 36. 1809.

"Brissac, Saumur" [France]

Festuca lenensis Drobov, Trav. Mus. Bot. Acad. Sci.
Petrograd 14: 158. 1915.

"Prov. Jakutsk. Fl. Lena, pr. pag. Kjatozinskoje
(Dolenko, 1914, No. 103; pr. urb. Jakutsk (Dolenko,
1912, No. 30. Hb. A.F.); Batylym (Olenin, 1901, NoNo
1171 et 1188. Hb. H. P.)"

Siberia

Compared with *F. ovina* ssp. *laevis* Hack. var.
genuina Hack.

Festuca leptopogon Stapf in Hook.f. Fl. Brit. Ind.
7: 354. 1896.

"Sikkim Himalaya...J. D. Hooker] Khasia Hills....
Hook.f. & T., Clarke."

India

Festuca leptothrix (Trin. ex Steud. Nom. Bot. ed. 2. 1: 630. 1840, nomen) Trin. ex Doell. in Mart. Fl. Bras. 2: 115. 1878.

"Trin. in Herb. Acad. Petrop."

"*Festuca Leptothrix* Trinus in herbario Acad.--Petrop. --Habitat prope S. Paulo (Langsdorff)."

Brazil

Festuca Letourneuxii Aschers. ex Dur. & Barr. Fl. Lib. Prodr. pl. 20. 1910.

[plate is labeled with above name. Text gives *Vulpia Letourneuxii*]

= *Vulpia letourneuxii* Aschers.

Tripoli, Africa

Festuca leucantha Schur, Enum. Fl. Transsilv. 916, sphalm. Error for *lasiantha* Schur.

Hungary

Festuca levingei Stapf in Hook.f. Fl. Brit. Ind. 7: 352. 1896.

"Kashmir, Levinge."

India

Festuca leysseri Moench, Fl. Hass. 41, 82. 1777.

Not in Washington

= *Bromus inermis* Leyss fide Aschers. & Graeb,

Germany

Festuca liebmanni Fourn. in Hensl. Biol. Centr. Amer. Bot. 3: 582. 1885, nom. nud.; Fourn. Mex. Fl. 2: 124. 1886.

"Absque loco (Liebm. n. 517)." U. S. Hb.

Mexico

Festuca ligulata Swallen, Amer. Journ. Bot. 19: 436. f. 1. 1932.

"Type in U. S. National Herbarium no. 1501601, Upper McKittrick Canyon, Guadalupe Mountains, Culberson Co. Texas, Moore & Steyermark no. 3576."

Man. U.S.

Festuca ligustica (All.) Bertol. Moen. Ital. 8. 1819.

Based on *Bromus ligusticus* All.

[*Vulpia ligustica* Link, same basis]

Italy

Festuca ligustica var. *hispidula* (Parl.) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 554. 1901.

Based on *Vulpia ligustica* var. *hispidula* Parl.

Italy

Festuca ligustica var. *intermedia* (Mutel) Hack. in Briq. Prodr. Fl. Corse 1: 158. 1910.

Based on "*F. stipoides* var. *intermedia* Mut."

France; Italy

Festuca lilloi Hack. Ann. Cons. Jard. Genève 17: 300. 1914.

"Argentina, prov. Tucumán, Lara, alt. 3200 m. Stuckert n. 22459 ex Lillo n. 11142 (25. I. 1912)."

Festuca limosa (Schur) Simonkai, Enum. Fl. Transsilv. 585. 1886.

Based on *Atropis distans* var. *limosa* Schur Austria

Festuca linearis Gilib. Exerc. Phyt. 2: 534. 1792.

"in arvis circa Varsaviam [Warsaw, Russian Poland], Delphinalis."

Festuca linkiana (C. Sm. ex Link) Litard. Candollea 10: 116. 1945.

Based on "*F. filiformis* Chr. Smith ex Link"

Canary Isl., Africa

Festuca linkiana ssp. *mandonii* (St.-Yves) Litard. Candollea 10: 116. 1945.

Based on *F. filiformis* ssp. *mandonii* St.-Yves

"Hab.-Madère: Curral et Picos de Arrieros, Melhada velha (Mandon Fl. Mad. 1865-66. n. 279...)"

Madeira Isl., Africa

Festuca linkiana ssp. *smithiana* (St.-Yves) Litard. Candollea 10: 116. 1945.

Based on *F. filiformis* ssp. *smithiana* St. Yves

Hab.-Iles Canaries: Ténériffe, Arafo (Bourg. Fl. Can. Iter II. n. 1575)....1st cited

Festuca linkiana ssp. *smithiana* var. *bormmülleri* (Hack.) Litard. Candollea 10: 116. 1945.

Based on *F. filiformis* ssp. *bormmülleri* Hack.

Teneriffa borealis: ad rupes jugi inter Taganana et San Andres,....(n. 2987)

Canary Isl.

Festuca linkiana ssp. *smithiana* var. *typica* (St.-Yves) Litard. Candollea 10: 116. 1945.

Based on *F. filiformis* ssp. *smithiana* var. *typica* St.-Yves, Candollea 1: 52.

Canary Isls.

Festuca linneana (Parl.) Steud. Syn. Fl. Glum 1: 303. 1854.

Based on "*Vulpia linneana* Parlat."

[Italy]

Festuca Litardiereana Maire, Bull. Soc. Hist. Nat. Afr. Nord 22: 323. f. 1. 1931.

"in Subalpinis Atlantis Majoris....in ditione Beraya propeSidi-Chamarouch...(Emberger, Litardiere et Maire, 1924)."

aff. *F. geniculata* L.

Festuca lithuanica Griseb. ex Aschers. Bot. Zeit. 25: 160. 1867, as syn. of *Poa lithuanica* Gorski.

Europe

Festuca litorea Wahlenb. Hack. Monogr. Fest. Eur. 153, 1882. Error for *F. littoralis* Wahlenb. 1821, as syn. *F. elatior* ssp. *arundinacea* var. *genuina* subv. *vulgaris* Hack.

Europe

Festuca littoralis Labill. Nov. Holl. Fl. 1: 22. pl. 27. 1804.

"Habitat in capite Van-Diemen." Australia

Festuca littoralis (Gouan) Sibth. & Smith, Fl. Graec. Prodr. 1: 61. 1806; Fl. Graec. 63. pl. 80. 1806. Not Labill. 1804.

Based on "*Poa littoralis* Gouan" France

Festuca littoralis B. Br. Prodr. Fl. Nov. Holl. 178. 1810. Not Labill. 1804.

"Nees (in unpublished note in Hb.) says not the same" as Labill.

"vicinitatem Coloniae apud Portum Jackson, inclusis ripis aestuarii Hunter's River vel Coal River."

Australia

Festuca littoralis Wahl. Nov. Act. Soc. Sci. Upsal. 8: 211, 233. 1821. Not Labill. 1804.

"*Bromus littoreus* Retz." cited.

"in littoribus maris passim, praecipue ad oram orientalem insulae copiose" Gothlandia

Sweden

Festuca littoralis (Roem. & Schult.) Steud. Syn. Fl. Glum 1: 317. 1854. Not Labill. 1804.

Based on "*Brachypodium littoralis* Roem. & Schult."

France

Festuca littoralis var. *triticooides* (Steud.) Buchanan, Man. Grasses New Zealand 155. pl. 54. 1880.

"*Schenodorus littoralis* v. *triticooides* Bentham" (*Festuca triticooides* Steud.)

Australia (Drummond coll. V. nr. 150)

Festuca livida Willd. ex Spreng. Syst. Veg. 1: 353. 1825.

"W. herb."

"Mexico" H. B. K. not mentioned; *Bromus lividus* Humb. given on p. 357.

Presumably based on *Bromus lividus* H.B.K.

= *Helleria livida* (H.B.K.) Fourn.

Toluca, Mex.

Festuca livida Schur, Enum. Fl. Transsilv. 787. 1866, as syn. of *F. ovina* var. *livida* Schur. Not Willd. 1825.

Festuca loliacea Huds. Fl. Angl. 38. 1762.

"Hab. ad vias et in pasuis sed rarius; prope Vauxhall."

England

Festuca loliacea Lam. Encycl. 2: 462. 1788. Not Huds. 1762.

"....dans les Provinces méridionales de la France, sur le bord des champs & des chemins....communiqué par M. l'Abbé Fourret."

France

Festuca loliacea var. *minor* Mutel, Fl. Franç. 4: 113. f. 625. 1837.

"Cap (Mut.); Moselle, Metz, en dehors de la citadelle et à Borny (Holandre); Alsace, Haguenau, etc. (Billot Sarreguemines et Deux-Frants (Schultz))."

France

Festuca makutrensis Zapal. Kosmos 35: 782-786. 1910.

*Exempla numerosa in colli Makutra, distr. Brody ad fines septentrionales Podoliae sito, a prof. M. Raciborski 11. VI. 1910 lecta.

Poland

Festuca makutrensis var. *obtecta* Zapal. Consp. Fl.

Gal. Critic. 3: 230. 1911.

*in colle Makutra, distr. Brody ad fines septentrionales Podoliae sito, a prof. M. Raciborski 11. VI. 1910.

Poland

Festuca X malyi Widder, Ann. Inst. Biol. Sarajevo 5: 450. 1953.

Bosnia

Festuca malzevii (Litv.) Reverd. Not. Syst. Herb. Inst.

Bot. Komarov Acad. Sci. U.R.S.S. 11: 57. 1949.

Based on *F. ovina* var. *malzewi* Litw.

Prov. Irkutsk, Siberia

Festuca marginata (Hack.) Richt. Fl. Eur. 1: 96. 1890.

Based on *F. ovina* ssp. *laevis* var. *marginata* Hack.

France

Festuca marginata var. *alopecuroides* (Hack.) Richt.

Fl. Eur. 1: 96. 1890.

Festuca ovina ssp. *laevis* var. *marginata* subv. *alopecuroides* Timb.-Lagr. ex Hack.

Pyrennes orient pr. Pont de Comps.

Festuca marginata var. *Timbalii* (Hack.) Richt. Fl.

Eur. 1: 96. 1890.

Based on *F. ovina* ssp. *laevis* var. *marginata* subv. *Timbalii* Hack.

France

Festuca marina L. Moen. Acad. 4: 96. 1759.

**Festuca marina* 395-4. in "Flora Anglica" pp. 88-111. p. 94: Post obitum Raii, edita fuit haec Flora Britannica tertia vice, opera Joh. Jac. Dellinii sub nomine: Synopsis methodica stirpium Britannicarum, editionis 3: iae. Lond. 1724. in 8. vo Tabulis 24; aucta 450 speciebus.

"395-4" refers to this work. "Gramen pumilum Lolliaceo simile Syn. II 250. 4. exile duriusculum maritimum Ej. 259.16. exile duriusculum maritimum foliolis circumvolutis, veluti junceis brevibus Fluk. Alm. 173. T. 32. f. 7. Dwarf Darnel Grass... Bare, about a mile from Lancaster---" England

Not included by Linnaeus in Sp. Pl. ed. 2, 1762. *Desmazeria marina* (L.) Druce, Scott. Bot. Rev. 1:156. 1912 based on this.

= *Catapodium marinum* (L.) C. E. Hubb.

Festuca maritima L. Sp. Pl. 75. 1753.

"In Hispania Loeftl."

[Merr. (Journ. Arn. Arb. 19: 318. 1938) says specimen marked in L.'s handwriting "*maritima* 6" in *Triticum* cover is unquestionably the type of *F. maritima* L.]

Basis of *Nardurus maritimus* (L.) Murb.

Spain

Festuca maritima (L.) Lam. & DC. Fl. Frang. ed. 3.

3: 47. 1805. Not L. 1753.

Based on *Triticum maritimum* L.

Basis of *Outandia maritima* (L.) Benth.

France

Festuca maritima (Huds.) K. Koch, Linnaea 21: 410. 1848.

= *Foa maritima* fide Ind. Kew

Festuca maritima C. Sm. ex Link in Buch, Beschr.

Canar. Ins. 139. [error Not given here.] Not L. 1753.

Jacks. Ind. Kew. 954. 1893.

Festuca maritima var. *aristata* (Koch) Briq. Prodr. Fl.

Corse 1: 164. 1910.

Based on "*F. tenuiflora* var. *aristata* Koch."

Europe

Festuca maritima var. *biuncialis* (Koch) Aschers. &

Graebn. Syn. Mitteleur. Fl. 2: 541. 1900.

Based on *F. tenuiflora* var. *biuncialis* Koch

Europe

Festuca maritima var. *hispanica* Aschers. & Graebn.

Syn. Mitteleur. Fl. 2: 541. 1900.

Based on *Triticum hispanicum* Reich. in Willd. Sp. Pl. 1: 479. 1797. nicht Viv.

Spain

Festuca maritima var. *hispanica* subv. *psilantha*

Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 541. 1900.

Based on *Triticum biunciale* Vill. nicht Richter

France

Festuca maritima var. *mutica* (Koch) Aschers. & Graebn.

Syn. Mitteleur. Fl. 2: 541. 1900.

Based on *F. tenuiflora* var. *mutica* Koch

Europe

Festuca maritima var. *nardus* (Lam. & DC.) Mutel, Fl.

Frang. 4: 122. pl. 90. f. 630. 1837.

Based on *T. nardus* Lam. & DC.

France

Festuca maritima var. *psilurus* Mutel, Fl. Frang.

4: 123. pl. 90. f. 634, 635. 1837.

Aff. *Psilurus nardoides* (Nardus *aristata* L.)

"Champs et coteaux arides du Midi; la Bastille de Grenoble; Vaulrears, le Buis, Nyons...Avignon."

[France]

Festuca marocana Batt. & Trab. Fl. Alger. 2: (Monoc.)

215. 1895.

"Maroc, Djebel Afougeur, Djebel Ouensa au sud de la ville de Maroc."

Morocco

Festuca matthewsii (Hack.) Cheesem. Man. New Zeal.

Fl. 2d ed. rev. & enl. 205. 1925.

Based on *F. ovina* var. *matthewsii* Hack.

Mount Bonpland, Otago H. J. Matthews (hb. Cheesem. 1496)

New Zealand

[t]
Festuca matthewsii (Hack.) St.-Yves, Rev. Bret. no. 2. 19. 53. 1927.

p. 53. "*F. matthewsii* (Hack.) St.-Y" [based on *F. ovina* var. *matthewsii* Hack. in Cheesem. 1906. though this is not cited.]

Nova Zelandia
= *F. matthewsii* (Hack.) Cheeseman

New Zealand

Festuca mauritii Semm. in Semm. & Maurio. Cat. Fl. Rif. Or. 132. [1933], nom. nud.

"Tidiguin"

Morocco. Africa

Festuca media Kit. Linnaea 32: 314. 1863.

"Pauli Kitaibelii. Floram Hungaricam."

Hungary

Festuca mediterranea (Hack.) Rouy, Fl. France

14: 226. 1913.

Based on *F. elatior* ssp. *arundinacea* var. *genuina* subv. *mediterranea* Hack.

"in regione mediterranea ---Hispania australi, Lusitania, Gallia austr., Italia sup., Dalmatia, Croatia."

Festuca megalura Nutt. Journ. Acad. Phila. II.

1: 188. 1848.

Dr. Wm. Gambel.

Santa Barbara, Upper California

Man. U. S.

Festuca megaphylla Schur, Enum. Fl. Transsilv. 789. 1866.

"In Felsenritzen der Alpen, am Bullafall der Keresor Alper, Glimmerschiefer 6000'; auf dem Arpas, auf dem Königstein bei Kronstadt, Kalk. 7000'."

Hungary

Festuca megastachys Hegetachw. & Heer, Fl. Schweiz. 92. 1840.

"An Hecken und Wegen der ebneren Schweiz..."

Switzerland

Festuca melangaea Spreng. Syst. Veg. 1: 352. 1825.

"C. B. S. [Cape Good Hope] (*Dactylis hispida* Thunb.)" = *Lasiocloa longifolia* var. *hispida* (Thunb.) Stapf--Fl. Cap.

Africa

Festuca membranacea Kit. Linnaea 32: 313. 1863.

"*F. membranacea* v. *albida* mihi" --a brief descr. of var. is given, none of species, no synonym.

"*E. Banatu allata*"

Hungary

Festuca membranacea (L.) Druce, Ann. Scott. Nat. Hist. 229. 1906. Not Kit. 1863.

Based on *Stipa membranacea* L.

Hispania (Loefling)
[Spain & Portugal]

Festuca membranacea var. *albida* Kit. Linnaea 32: 313. 1863.

"*E. Banatu*"

Hungary

Festuca memphitica (Spreng.) Boiss. ex Coss. Notes Crit. 183. 1851. (Juillet 1852)

Based on "*Dactylis memphitica* Spreng."

= *Outandia memphitica* Cult. Halle

Festuca merinoi Pau, Bol. Soc. Arag. Cien. Nat.
1: 51. 1902.

"Bosque de Roqueira (Galicia): P. Marino S. J."
Spain

Festuca mexicana Roem. & Schult. Syst. Veg. 2: 732.
1817.

"*Festuca scabra* Lagasca" 1816. Not Vahl 1791.
Mexico (Sessé)

Basis of *Brachypodium mexicanum*

Festuca mexicana Willd. ex Spreng. Syst. Veg. 1: 356.
1825. Not Roem. & Schult. 1817.

"Mexico"

Basis of *F. willdenoviana* Schult.

Festuca mexicana Lagaso. ex Link, Hort. Berol. 1: 41.
1827, as syn. *Brachypodium mexicanum* Link.
of *F. mexicana* R. & S. 1817.

= *Brachypodium mexicanum*
Mexico

Festuca michelii (Savi) Kunth, Enum. Fl. 1: 397. 1833.

Based on "*Bromus micheli* Savi."
Italy

Festuca microstachys Nutt. Journ. Acad. Phila. II.
1: 187. 1848.

"Pueblo de Los Angeles, Upper California"
Gambel Man. U. S.

Festuca microstachya (R. Br.) F. Muell. Veg. Chath.
Isl. 60. 1864. Not Nutt. 1848.

Based on *Tridodia microstachya* R. Br. Prod. 182.
Australia

Festuca microstachys var. *ciliata* A. Gray, Proc. Amer.
Acad. 8: 410. 1872.

name only for

Oregon Hall 639 in 1871 [Silver Creek] =
F. confusa

[not *F. microstachys* var. *ciliata* A. Gray ex Beal,
1896. That = *F. grayii*, basis of it.]

= *F. confusa* Piper Man. U. S.

Festuca microstachys var. *ciliata* Gray ex Beal, Grasses
N. Amer. 2: 585. 1896.

"Oregon, Howell; also found in California."
= *F. grayi* (Abrams) Piper Man. U. S.

Festuca microstachys *grayi* Abrams, Fl. Los Angeles
52. 1904. (Published as trinom.)

Based on *F. microstachys* var. *ciliata* A. Gray ex
Beal

= *F. grayi* Man. U. S.

Oregon (Howell)

Festuca microstachys var. *pauciflora* (Scribn. ex Vasey,
Desor. Cat. Grass. U. S. 90. 1885, without desor.)
ex Beal, Grasses N. Amer. 2: 586. 1896.

"Oregon, Howell."

= *F. reflexa* Man. U. S.

Festuca microstachys var. *subappressa* Suksdorf,
Werdenda 1²/2. 1923.

"---bei Bingen in Washington, 25. Juni 1908; 28.
Mai und 13. Juni 1919, nr. 6236." "Nr. 1297 wurde
von mir in Oregon gesammelt." [Suksdorf]

= *F. microstachys* Man. U. S.
A.S.H.

Festuca milaniana Bendle, Trans. Linn. Soc. Bot. II.
4: 59. 1894.

"Hab. Milanji, Oct. Collected by Mr. Alexander
Whyte."

Madagascar

Festuca minima A. Rich. Tent. Fl. Abyss. 2: 436. 1851.

"Tripegon minimus Hochst., in pl. Schimp. Abyss.,
sect. III, no. 1652" [not publ. until 1854]
"...et in valle fluvii Taazzé, prope Tonélathekanne,
....(Schimper)."

Abyssinia

Festuca minor Schur, Enum. Fl. Transsilv. 795. 1866.

"Auf der Piatra-mare bei Kronstadt. Kalk. Jun."
Hungary

Festuca minor St. Lager in Cariot, Etud. des fl. VIII.
2: 940. 1889. Not Schur 1866.

France

Festuca minuta Hoffm. Comm. Soc. Phys. Mosc. 1: 43.
1808; Marsch.-Bieb. Fl. Taur. Cauc. 70. 1808.

"Steven. dec. pl. iber."

"Habitat in Iberia."

Spain - Portugal

Festuca minutiflora Rydb. Bull. Torrey, Club 32: 608.
1905.

C. F. Baker, July 13, 1896. "1869" error.
Cameron Pass, Colo.

= *F. ovina* L. Man. U. S.

Festuca mirabilis Piper, Contr. U. S. Nat. Herb.
10: 47. 1906.

Coll. Dr. E. Palmer, in 1904, Alvarez, Mex., State
of San Luis Potosi.

Mexico

Festuca misera Thunb. Fl. Japon. 52. 1784.

[Flora Japonica] Japan

Festuca modesta Steud. Syn. Fl. Glum 1: 316. 1854.

"Royle hrbr. nr. 161. Nepal."

India

Festuca modesta ssp. *Handellii* St.-Yves ex Hand.-Mazz.
Symb. Sinioae 7⁵/5: 1289. f. 39. 2. 1936.

ktp. St. = "kalttemperierte (Subalpine) Stufe"

"S.: [Szechwan]: Eichenwälder der ktp. St. unter der
Alm Bäd' bei Muli, Sandstein, 3600-3700m, 31. VII.
1915 (7370)." [Handel-Mazzetti, Coll.]

China

Festuca mollis Kunth, Rév. Gram. 1: 132. 1829.

"Antisana." Ecuador

"*Bromus lanatus* Humb. et Kunth.--
Schenodorus lanatus Roem. et Schult."

= *Bromus lanatus*

Ecuador, Peru etc.

Festuca mollissima Krecz & Bobr. in Kom. Fl. U.R.S.S.
2: 512, 770. 1934.

Based on *Festuca ovina* hom. & Aliss. Key pl. East.
Reg. U.R.S.S. 1: 233. 1931, non L.

"Spec. Typ.: Sinus de Castris, VII 1854, leg.
Maximowicz."

Siberia

Festuca monandra Ell. Bot. S. C. & Ga. 1: 170. 1816,
as synonym of *F. myuros* L., as misappl. by Elliott.

Elliott's *F. myuros* is perhaps *F. sciurea* Nutt.-C.V.P.
= *F. sciurea* Man. U. S.

Festuca monantha Stapf, Kew Bull. Misc. Inf.
1899: 117. 1899.

"Mount Scratchley." British New Guinea.
A. Giulianetti, Collector

Festuca monostachia Poir. Voy. Barb. 2: 98. 1789.

"Communiqué à N. le Chevalier de la Marck...Je l'ai
trouvée dans les prairies qui avoisinent la Calle."

N. Africa

Festuca montana Savi, Fl. Pis. 1: 118. 1798.

"Trovati sul Monte Pisano."
Italy

Festuca montana Sternb. & Hoppe, Denkschr. Bot. Ges.
Regensb. 1²/2: 95. 1818. Not Savi 1798.

"*Festuca sylvatica* Host. gram. 2. p. 56. t. 78."
cited.

"Habit. in sylvis Pannoniae, Moraviae, Bohemiae,
Austriae...."

Europe

Festuca montana Marsch.-Bieb. Fl. Taur. Cauc. 3: 75.
1819.

"excl. syn. Sternberg, non Savi, Fl. Pisa 1: 118.
1798. [which is *Bromus erectus* Huds. fide Haak.]

Festuca montana Sternb. & Hoppe, misappl. by Marsch-
Bieb. Fl. Taur. Cauc. 3: 75. 1819.

Europe - Asia Minor

Festuca montana (Boiss. & Reut.) Steud. Syn. Fl. Glum.
1: 302. 1854. Not Savi 1798.

Based on "*Nardurus montana* Boiss. Reut."
Hispania

Festuca [montana Marsch.-Bieber.] *grandis* Coss. in
Batt. & Trab. Fl. Alger. 2: (Monoc.) 218. 1895.

"Akdadoc, à l'Agoulmin Aberkan, Oued-Marsa près
Bongie, Khroumirie.-- Le type: Espagne, Europe
Orient."

[not comprehensible--is *grandis* a var?]

Festuca montana var. *altissima* (Boiss.) Richt. Fl.

Eur. 1: 106. 1890.

Based on *F. altissima* Boiss.

Sierra d'Estepona [Spain]

Festuca montana var. *elatior* (Boiss.) Pau, Mem. Mus.

Cienc. Nat. Barcelona Ser. Bot. 1: 73. 1922.

F. drymeia var. *elatior* Boiss.

[*F. altissima* Boiss...non All.]

Spain

Festuca montana subv. *exaltata* (Presl) Hack. Monogr.

Fest. Eur. 197. 1882.

subv. *altissima* L.c. based on *F. altissima* Boiss... non All."

Based on "*F. exaltata* Presl"

Sicily

Festuca montana var. *grandis* (Coss. & Dur.) St.-Yves,

Candollea 1: 47. 1922.

[see Coss. in Batt. & Trab. 1895]

Based on *F. drymeia* var. *grandis* Coss. & Dur.

Algeria

Festuca montana var. *lucorum* (Schur) Porc. Magyar

Novenyt. Lapok 9: 133. 1885.

[Novenyt. on Agr. Library card]

Based on *F. lucorum* Schur

Hungary

Festuca montana var. *typica* Fiori, Nuov. Fl. Anal.

Ital. 1: 140. 1923.

Festuca monticola H. A. Phil. Anal. Univ. Chil.

48: 576. 1873.

"Mi hijo halló esta *Festuca* en la Cordillera Pelada, de la provincia de Valdivia."

Chile

Festuca montis-aurei Delarbre, Fl. Auverg. 86. 1795.

"J'ai découvert cette plante au Mont-d'Or en 1756, aux environs des sources de la Dordogne."

France

Festuca montis-celtici Delarbre, Fl. Auverg. 86. 1795.

"...Cantal en 1777."

France

Festuca morisiana Parl. Giorn. Bot. Ital. 2^o 377.

1845.

"*Festuca duriuscula* Moris! pl. exsic. non Lin." cited.

"Mi è stata comunicata dal mio amico ed illustre botanico Prof. Moris col nome di *festuca duriuscula*. Egli l'ha raccolta in Sardegna." [Sardinia]

Italy

Festuca mucronata Forsk. Fl. Aegypt. Arab. 22. 1775.

"Circa Beit el fakín, copiose in collibus arenosis."

Arabia

Festuca mucronata (Willk.) C. Muell. in Walp. Ann. Bot.

6: 1033. 1861. Not Forsk. 1775.

Based on *Brachypodium mucronatum* Willk.

Hispania oriental & austriallis

Festuca mucronata Arvet & Dupuy, Bull. Soc. Bot.

France 29: 1882, nom. semi-nud. Not Forsk. 1775.

Arvet = Arv.--Touv. ? France

Festuca Muellieri Vick. Contr. N. S. W. Nat. Herb.

1: 9. 1939.

"Victoria: Mt. Buller, F. Mueller (Type K.)"

K The Herbarium, Royal Botanic Gardens, Kew
Australia

Festuca multiculmis Steud. Syn. Fl. Glum 1: 310. 1854.

"Heller Hrbr. nr. 306. Mons. Toluco Mexico."

= *F. toluocensis* fide Fournier Type in Paris =
tolucensis

? *Festuca multiflora* Walt. Fl. Carol. 81. 1788.

No loc. cited [Flora Caroliniana]

South Carolina

= *Distichlis spicata*

Man. U. S.

Festuca multiflora Hoffm. Deutschl. Fl. ed. 2. 1: 50.

1800. Not Walt. 1788.

"In pratis"

Germany

Festuca multiflora Suter, Fl. Helv. 1: 56. 1802.

Not Walt. 1788.

Festuca multiflora Presl, Cyp. Gram. Sicul. 37. 1820.

Not Walt. 1788.

"Hab. in pascuis montium S. Martini."

F. elatior ssp. *pratensis* var. *multiflora* (Presl)
Hack. Monogr. Phan. Eur. 152. 1882.

Sicily

Festuca multiflora Presl [not Walt.] var. *lojaconi*

De Deg. in Lojac. Fl. Sicul. 3: 345. 1909.

"(desc. dedit De Degen). Dumeti ombrosi, Ficuzza."

Sicily

Festuca multinodis Petrie & Hack. Trans. & Proc. New

Zeal. Inst. 44: 186. 1912.

"Hab.--Coastal cliffs and rocky slopes at Port Nicholson, and the shores of Cook Strait."

B. C. Aston, Collector. see T.

New Zealand

Festuca muralis Kunth, Syn. Fl. Asquin. 1: 218. 1822.

(See also: H.B.K. Nov. Gen. & Sp. 7: pl. 691. 1825.)

Based on: "*F. Myurus*. Nov. Gen. et Spec. pl. 1. p. 155. excl. syn."

"Crescit in muris, quibus horti circumsepti sunt, prope Conocoto Quitensium, alt. 1350 hex."

Festuca muralis var. *pumila* Fourn. Mex. Fl. 2: 123.

1886, nom. nud.

"Cerro Leon (Liebm. n. 554)."

T

= *F. myuros*

Festuca muralis var. *pygmaea* Maclosk. in Scott, Rep.

Princeton Univ. Exped. Patagonia 8: 237. 1904,

nom. nud.

Patagonia "at Puerto Madryn"

Festuca ? muricata Dur. ex Parl. Fl. Ital. 1: 480.

1848, as syn. of *Castellia tuberculata* Tin.

X *Festuca murriana* Rohl. Allg. Bot. Zeitschr.

8: 85. 1902.

Based on *F. sulcata* X *rubra* L.

Germany

Festuca musashiensis Honda, Journ. Fac. Sci. Univ.

Tokyo Sect. III, Bot. 3: 47. 1930.

"Hondo: Asakawa, prov. Musashi (K. Hiseuchi, anno 1928)."

Japan

Festuca mutica Chevall. Fl. Envir. Paris 167. 1827.

"Hall. Helvet. 1451" only citation

France

Festuca mutica Wulfen, Fl. Norica Phan. ed. Fenzl &

Graf 145. 1858.

"Labaci am Schlossberg,---prope Cividale, Monfalcone."

Italy - Austria

Festuca mutica Schleich, ex Hack. Monogr. Fest. 123.

1882, as syn. of *F. amethystina* L. Not Wulf. 1858.

Festuca mysorensis Heyne ex Roem. & Schult. Syst. Veg.

2: 600. 1817, as syn. of *Tripogon bromoides* Roem. & Schult.

Festuca mysorensis Heyne ex Hook.f. Fl. Ind. 7: 287.

1896, as syn. of *Tripogon bromoides* Roth.

India

Festuca myuros L. Sp. Pl. 74. 1753.

"In Anglia, Italia."

England Italy

Man. U. S.

Festuca myuros L., misappl. by Gouan, Hort. Monsp.

49. 1768.

= *F. ciliata* ?

France

Festuca myurus L., misappl. by Moench, Meth. Suppl.

62. 1802.

Europe

Festuca myuros L. in H.B.K. Nov. Gen. & Sp. 1: 155.

1816.

Prope Conocoto Quitensium - Humb. & Bonpl.

Ecuador.

Basis of *F. muralis*, *F. myuros* of H.B.K. supposed to be misapplied, but specimen in H.B.K. Paris is *F. myuros* L. o.k. ^{alc.}

Festuca myurus Muhl. Descr. Gram. 160. 1817.

"Habitat in aridis Marylandiae, Georgiae..."

= *F. myuros* L.

Man. U. S.

Festuca myuros Soyer-Willem. Obs. Fl. France 132.
[1828]

[See *F. myuros* Poll. Fl. Pal. 1: 104. 1776.]
France

Festuca myuros var. *bromoides* (L.) Wimm. & Grab. Fl.
Siles. 1: 83. 1827.

Based on "*F. bromoides* L. M. et K. D. Fl. 1: 636."
In Anglia, Gallia

Festuca myuros var. *bromoides* Parl. ex Fedtsch. Bull.
Jard. Imp. Bot. Pierre Grand 14(Suppl. 2): 86. 1915,
nom. nud. of. Wimm. same, 1827.

Probably refers to *Vulpia myuros* b. *bromoides* Parl.
Europe

Festuca myurus var. *Broteri* (Boiss. & Reut.) Ball,
Journ. Linn. Soc. 16: 726. 1878.

Based on *Vulpia Broteri* Boiss. et Reut."
North Africa, south Spain, Palestine

Festuca myuros var. *ciliata* (Lam. & DC.) Coss. & Dur.
Expl. Sci. Alger. 2: 175. 1855.

Based on "*Festuca ciliata* Anth." ex Lam. & DC.
Montpellier et les îles de la Duranée [France]
Acc. to Stearn, sheets 16-20 [err. by Stearn for 30]
(i.e. pp. 121-241 [err. by Stearn for 240]) Vol. 2
betw. Apr. 1855 and Oct. 1855.

Festuca myuros var. *eu-myuros* Emberger et Maire, Cat.
Plantes du Maroc 4: 941. 1941.
Marocco

Festuca myuros var. *genuina* Coss. & Dur. Expl. Sci.
Alger. 2: 174. 1855.*

Festuca myuros L.
*Acc. to Stearn, sheets 16-20 [err. for 30 by Stearn]
(i.e. pp. 121-241 [err. by Stearn for 240]) Vol. 2.
betw. Apr. 1855 and Oct. 1855.

Festuca myuros var. *hirsuta* (Hack.) Aschers. & Graebn.
Syn. Mitteleur. Fl. 2: 558. 1901.

Based on *Vulpia myuros* var. *hirsuta* Hack.
Portugal

Festuca myuros var. *pseudonardurus* Aschers. & Graebn.
Syn. Mitteleur. Fl. 2: 558. 1901; Lief. 40. 1903.

Based on *Vulpia pseudomyuros* var. *pseudonardurus*
Goiran
Europe

Festuca myuros var. *reclinata* (Dum.) Aschers. & Graebn.
Syn. Mitteleur. Fl. 2: 558. 1901.

Based on *Vulpia reclinata* Dum.
Belgium

Festuca myuros ssp. *sciuroides* (Roth) Rouy, Fl. Fr.
14. 256. 1913.

Based on *Festuca sciuroides* Roth, Cat. Bot. 2: 11.
1800.
"var. *sciuroides* (Roth) Briquet, Fl. Corse 161. 1910
Type de la sous-espèce."

Festuca myuros var. *sciuroides* (Roth) Coss. & Dur.
Expl. Sci. Alger. 2: 174. 1855.*
(same comb. made by Syme in Sowerby, Engl. Bot. ed. 3.
11: 142. [1873]
" " " " Coss. & Germ. Fl. Env. Paris ed.
2. 840. 1861.

Based on *F. sciuroides* Roth.
in Ducatu Bremensi atque Oldenburgensi, Germany

*Date acc. to Stearn, sheets 16-20 [err. for 30 by
Stearn] (i.e. pp. 121-241 [err. by Stearn for 240])
Vol. 2. between Apr. 1855 and Oct. 1855.

Festuca myuros var. *sciuroides* subv. *Broteri* Coss. &
Dur. Expl. Sci. Alger. 2: 175. 1855.*

Based on *F. hybrida* Brot.
prope Conimbricam, et alibi in Beira, Portugal.

*Acc. to Stearn, sheets 16-20 [err. by Stearn for 30]
(i.e. pp. 121-241 [err. by Stearn for 240]) forming
Vol. 2. betw. Apr. 1855 and Oct. 1855.

Festuca myuros ssp. *sciuroides* f. *gracilis* (Lange)
Maire & Weiller Fl. Afrique Nord 3: 179. 1955.

Based on *V. sciuroides* var. *gracilis* Lange.

Festuca myuros ssp. *sciuroides* var. *tenella* (Boiss.)
Maire & Weiller in Maire, Fl. Afrique Nord. 3: 179.
1955.
Spain

Festuca myuros var. *subnuda* Mutel, Fl. Frang. 4: 129.
1837.

"Scheuchz. 293. t. 6. f. 11" cited.
"dans toute la France et en Corse."

Festuca myuros var. *subuniglumis* (Hack.) Aschers. &
Graebn. Syn. Mitteleur. Fl. 2: 557. 1901.

Based on *Vulpia myuros* var. *subuniglumis* Hack.
Coimbra. Portugal

Festuca myuros var. *unispiculata* Kuntze, Rev. Gen. Fl.
2: 776. 1891.

"Südlich auf den Bergabhängen von Santa Cruz de
Palma."
Canary Isl. Africa

Festuca nana Steud. Syn. Fl. Glum 1: 428. 1855.

"Arabia petr. Alexandr."
Arabia, Egypt

Festuca nankotaizanensis (Ohwi, Acta Phytotax. & Geobot.

5: 52. 1936, as syn. of *F. rubra* var. *nankotaiza-*
nensis Ohwi (Ohwi) Ohwi, Acta Phytotax. Geobot.
6: 151. 1937.

Based on *F. rubra* var. *nankotaizanensis* Ohwi
Formosa: (J. Ohwi n. 4088)

X *Festuca napoae* Prod. Bulet. Grad. Bot. Univ. Cluj
16: 90. 1936.

Festuca rubra L. X *F. heterophylla* Lam.
Cluj în Paget, în continuarea drumului Numit al
"Câmpului."
Rumania

Festuca nardifolia Griseb. Abh. Ges. Wiss. Göttingen
24: 286. 1879.

"S." = Salta.
"S.: in humidis ad nivem aeternam, ... Nevado del
Castillo."
Argentina

Festuca nardifolia var. *calchaquiensis* (Hack.) St.-
Yves, Candollea 3: 171. 1927.

Based on *Festuca calchaquiensis* Hack.
Argentina: Stuckert herb. arg. 15, 373 ex Lillo herb
Tucuman, 3073 ex Lillo Hb. Dept. Tafi, Prov. Tucuman.

Festuca nardus (DC.) Raspail, Ann. Sci. Nat.
5: 445. 1825.

Based on *Tritium nardus* DC.
Paris, France

List
Festuca natans Ham. in Wall. Cat. n. 3823. 1831, as
syn. of *Eragrostis affine*. Not Raspail 1825.

India

Festuca nebrodensis Jan. Elench. pl. hort. Parm.
2. 1826.

hort. Parma, Italy

Festuca neesiana Steud. Nom. Bot. ed. 2. 1: 631. 1840,
as syn. "*Schedonorus scaber* Nees (ex Trin. mpt.)"

"Fr. b. sp." So. Africa

X *Festuca Neilreichiana* Vetter, Verh. Zool. Bot. Ver.
Wien 66: 125. 1916.

Parents:
F. vaginata X *F. rubra*

"bei Schönfeld im Marchfelde und... bei Baumgarten
a.d. March."
Austria

Festuca nemorosa Latour, Chlor. Lugd. 3. 1785, nom.
nud.

"N. Hall. 1438. Montes subalpini & abietini
Lugdunenses."
Australia

Festuca nemorosa Fritsch, Excursionsfl. 67. 1897.

Festuca nemorosa (Poll.) Dalla Torre & Sarnth. Fl.
Tirol. 272. 1906.

Based on "*F. spadiosa* var. *nemorosa* Poll."
Austria. Tyrol

Festuca nemorosa var. *calabrica* (Hut. Port. & Rigo)
Fiori, Nuov. Fl. Anal. Ital. 1: 140. 1923.

Based on *F. calabrica* Hut. Port. & Rigo
Italy

Festuca nemorosa var. *croatica* (Hack.) Fiori, Nuov.
Fl. Anal. Ital. 139. 1923.

"*F. spectab. ssp. affinis* v. *croat.* Hack. 1882" cited
"*croatica*" *F. croatica* kerner in litt." Hack. Mon.
Fest. Eur. 169. 1882.

Croatia, Europe

Festuca nemorosa var. *typica* Fiori, Nuov. Fl. Anal.
Ital. 1: 139. 1923.

Italy

Festuca nemorosum Leyss. Abh. Naturf. Ges. Halle 1: 368.
1783.

Germany

Festuca nemorum Schult.f. Oesterr. Fl. 1: 61. 1794.

Austria

Festuca neogaea Steud. Syn. Fl. Glum 1: 313. 1854.

= *Poa eminens* Presl, fide fragment of type!

"Arundo--Hrbr. Lenormand lecta 1828a J. M. Despreaux in Terra nova"

Newfoundland

Festuca nepalensis Steud. Syn. Fl. Glum 1: 316. 1854.

"Boyle hrbr. nr. 151, 188. Nepal."

India

Festuca nervosa Hook. Fl. Bor. Amer. 2: 251. pl. 232. 1840.

"Hab. Nutka Sound. Dr. Scouler"

= *Poa nervosa* (Hook.) Vasey Man. U. S. Vancouver Isl., British Col., Canada

Festuca neuquenensis St.-Yves, Candollea 3: 298. 1927.

no descr. of species ipse, divided into 2 vars.

1 var. *Parodiana* St.-Y. --Rep. Argentina---Neuquen ---Parodi 3195.

2 var. *aspera* St.-Y. ---Rep. Argentina---Neuquen---Parodi--3175 et 2696.

[var. 1. Parodi 3195 taken as type of *F. neuquenensis* A.C.]

Festuca nigra Gilib. Exerco. Phyt. 2: 533. 1792.

"prope Grodnam [Lithuania] in pascuis juxta NiemenLugduna." [Lyons, France] herb. here

Festuca nigrescens Lam. Encycl. 2: 460. 1788.

"Mont- d'Or, dans les pâturages."

France

Festuca nigrescens Steud. Syn. Fl. Glum 1: 311. 1854. Not Lam. 1788.

Based on "*Diplachne nigrescens* Presl."

"Peru"

Festuca nigrescens var. *pubescens* Parl. Fl. Ital. 1: 440. 1848.

Italy

Festuca nigrescens var. *vestita* St. Amans, Fl. Agen. 41. 1821.

"Aux bois de Darel et de Beauregard, pres d'Agen."

France

Festuca nigricans Lam. ex Schur, Enum. Fl. Transsilv. 792. 1866. [See *nigrescens* Lam.]

new Ind. Suppl. 9 cites Schleich. Cat. Fl. Helv. 13. 1860, nom. nud.; Simonk. Enum. Fl. Transsilv. 590. 1886. Simonk. cites Schur. [See above]

Hungary

Festuca nigricans var. *scabrescens* Vetter, Verh. Zool. Bot. Ges. Wien 72: 119. 1922.

"Standort: zwischen Steinen oder im kurzen Grase auf Berglehnen bei Vent und Rofen im Ötztal." Tirol.

Festuca niitakensis Ohwi, Acta Phytotax. & Geobot.

Kyoto 5: 53. 1936, as syn. of *F. rubra* var.

niitakensis Ohwi (Ohwi) Ohwi, Acta Phytotax. Geobot. 6: 151. 1937.

Based on *F. rubra* var. *niitakensis* Ohwi.

Formosa: Ohwi n. 3725

Festuca nitida Kit. in Schult. Oesterr. Fl. ed. 2.

1: 239. 1814.

"Auf Alpen in Kroatien. ."

Croatia, Austria

Festuca nitida Wulf, Fl. Nor. Phan. ed. Fenzl. & Graf

146. 1858. Not Kit. 1814.

"*Festuca ovina* var. *glauca* Koch"

No loc. cited. Norica

So. Europe

Festuca nitidula Stapf in Hook.f. Fl. Brit. Ind.

7: 350. 1896.

"*F. pumila* Duthie Grass. N. W. Ind. 42 (non Vill.)"

India

Festuca norica (Hack.) Richt. Fl. Eur. 1: 99. 1890.

Based on *F. rubra* ssp. *violacea* var. *norica* Hack.

Austria

Festuca novae-zealandiae (Hack.) Cockayne, Trans. &

Proc. New Zeal. Inst. 48: 178. 1916.

Based on *F. ovina* var. *novae-zealandiae* Hack.

Canterbury Alps...Torlesse...(Cheeseman no. 1497)

New Zealand

Festuca Novae Zealandiae var. *grandiflora* (Howarth p.p.)

St.-Yves, Candollea 4: 298. 1931.

Based on *F. ovina* ssp. *Matthewsii* var. *grandiflora* Howarth.

New Zealand

Festuca nubigena Jungh. Nat. Geneesk. Arch. Neerl.

Indie 2: 51. 1845.

Floras Javanicae Alpinae indigenarum [title]

Java

Festuca nubigena ssp. *caprina* (Nees) St.-Yves, Rev.

Bret. No. 2: 79. 1927.

Based on *F. caprina* Nees

Monte Los-Tafelberg...(Drège)

Capeland-Africa

Festuca nubigena ssp. *caprina* var. *caprina* St.-Yves,

Rev. Bret. No. 2: 79. 1927.

"Fromont. Bonae Spei. Regio Basoutorum.

So. Africa

Festuca nubigena ssp. *caprina* var. *longearistata*

St.-Yves, Rev. Bret. No. 2: 79. 1927.

"Fromont. B. Spei. "Natal" "

Cape Good Hope, Afr.

Festuca nubigena ssp. *eu-nubigena* var. *macrophylla*

(Hochst.) St.-Yves, Rev. Bret. No. 2: 79. 1927.

Based on *F. macrophylla* Hochst.

Montis Selki (Schimper no. 688) Abyssinia, Africa

Festuca nubigena ssp. *novoguineensis* Jansen, Acta Bot.

Neerl. 2: 370. 1953.

Mt. Wilhelmina, at 3660 m. altitude, alpine grassland covering marshy hollows, Brass & Meijer Drees 9976, type coll. in U. S. Nat. Herb. 1761722.

Festuca nubila Jungh. ex Steud. Syn. Fl. Glum 1: 315.

1854.

"Mons Merbabu Javay"

Festuca nuda Schur, Verh. Siebenb. Ver. Naturw.

3: 91. 1852, nom. nud.

Transylvania, Hungary

Festuca numidica Batt. & Trab. Fl. Alger. 2: (Monoc.)

214. 1895.

"Numidie au Djebel Bouis, Tunisie, Djebel Senata."--Le type en Espagne."

"*F. [plicata* Hackel] *numidica*" Algeria

"Le type [form] en Espagne" this refers to *F. plicata* Hack."

[not comprehensible. "Differe du *F. plicata* type par la feuille non trigone, à 7 faisceaux de sclerenchyme, par les glumes inégales, l'épillet plus grand" p. 215.]

Festuca nutans Moench, Meth. Fl. 191. 1794.

"h. am Rhinberg prope Caldern."

Germany

Festuca nutans Bieler, Fl. Nov. Herb. Spreng. Cent

10. 1807; Spreng. Mant. Fl. Hal. 34. 1807.

Not Moench 1794.

"E. Pennsylvania, Muhlenb"

= *F. paradoxa* Desv. Man. U. S.

Festuca nutans Host, Icon. Gram. Austr. 4: 35. pl. 61.

1809. Not Moench, 1794.

"In alpinis austriacis, styriacis, tyrolensibus."

Tyrol, Austria

Festuca nutans Host, misappl. by Wahl. Fl. Carp.

Princip. 28. 1814.

Europe

Festuca nutans var. *johnsoni* Vasey, Contr. U. S. Nat.

Herb. 2: 548. 1894.

"northern Texas" Johnson

= *F. versuta* Man. U. S.

Festuca nutans var. *major* Vasey, U. S. Dept. Agr. Spec.

Rep. 63: 43. 1883, nom. nud.; Beal, Grasses N. Amer.

2: 589. 1896, as syn. of *F. nutans* var. *shortii*

Beal.

= *F. paradoxa* Desv. [U. S.]

Man. U. S.

Festuca nutans var. *palustris* Wood, Amer. Bot. & Flor.
Pt. 2. 399. 1871.

All states of Amer. Union lying east and on western
shore of Mississippi [from preface]

Eastern States

= *F. paradoxa* Man. U. S.

[see]

Festuca nutans palustris Muhl. ex Piper, Contr. U. S.

Nat. Herb. 10: 34. 1906, as syn. of *F. obtusa*
Spreng.

[Muhl. Desor. Gram. 166. 1817 gives the following:
"Varietas palustris ... this word not in italics,
not proposed as var., merely mention of wet-ground
form."]

= *F. obtusa* Beiler Man. U. S. ed. 2.

Festuca nutans var. *shortii* (Kunth) Beal, Grasses N.

Amer. 2: 589. 1896.

Based on *F. shortii* Kunth

= *F. paradoxa* Desv. Man. ed. 2.

Festuca? *Nuttalliana* (Schult.) Kunth, Rev. Gram.

1: 129. 1829.

Based on *Poa nuttalliana* Schult., this based on "*Poa*
airoides Nutt."

Around the Mandan village on the Missouri
[North Dakota]

= *Puccinellia airoides* Man. U. S. ed. 2.

Festuca obovata Kit. Linnaea 32: 313. 1863, nom. nud.

Hungary

Festuca obturbans St.-Yves, Rev. Bret. No. 2: 14, 83.
1927.

Africa orientalis: "Kilimandjaro."

Festuca obtusa Bieler, Fl. Nov. Herb. Spreng. Cent.

11. 1807; Spreng. Mant. Fl. Hal. 34. 1807.

Name only, Muhl. Am. Phil. Soc. 3: 161. 1793.

"E. Pennsylvania. Muhlenb."

Man. U. S.

Festuca obtusa ssp. *eu-obtusa* var. *Sprengeliana*

St.-Yves, Candollea 2: 276. 1925.

Based on *F. obtusa* Spreng.

[= *F. obtusa* Bieler]

E. Pennsylvania Muhlenb.

Festuca obtusa ssp. *versuta* (Beal) St.-Yves,

Candollea 2: 280. 1925.

Based on *F. versuta* Beal.

Texas

= *F. versuta* Man. U. S.

Festuca obtusata Michx. ex Beauv. Ess. Agrost. 163.

1812, nom. nud.

[Referred to *Poa*; (possibly error for *Aira obtusata*
Michx. which = *Sphenopholis obtusata*.)]

[Carolina to Florida]

= *Sphenopholis obtusata* Man. U. S.

Festuca obtusifolia Lag. ex Link, Enum. Hort. Berol.

1: 95. 1821, as syn. of *Brachypodium obtusifolium*
Link.

Hispania Cult. Berlin

Festuca obtusifolia Willd. ex Spreng. Syst. Veg.

1: 356. 1825.

"Mexico"

= *Leptochloa dubia*-fide Piper N. Am. Pest. 42

Man. U. S.

Festuca occidentalis Hook. Fl. Bor. Amer. 2: 249. 1840.

"Plains and elevated grounds of the Columbia, near
the sea. Dr. Scouler, Douglas."

Oregon

Man. U. S.

Festuca ochroleuca Timb. Bull. Soc. Hist. Nat.

Toulouse 3: 129. 1869.

"dans le massif d'Arbas, a la Penna Blanche et
Penne nere, a Courmonvère, a Paloumère, etc."

France

Festuca octoflora Walt. Fl. Carol. 81. 1788.

South Carolina

Man. U. S.

Festuca octoflora var. *aristulata* Torr. ex L. H. Dewey,

Contr. U. S. Nat. Herb. 2: 547. 1894.

[misspelled *octiflora*]

"Dry hills throughout Texas and common throughout
the southern United States."

= *F. octoflora* Man. U. S.

Festuca octoflora var. *glauca* (Nutt.) Fernald,

Rhodora 34: 209. 1932.

Based on *F. tenella* var. *glauca* Nutt.

Fort Smith - Arkansas

= *F. octoflora* var. *tenella* (Willd.) Fern.

Man. U. S.

Festuca octoflora ssp. *hirtella* Piper, Contr. U. S.

Nat. Herb. 10: 12. 1906.

1962 C. L. Shear, Santa Catalina mts. Ariz.

Man. U. S. as var. *hirtella* [used in sense of var.
by Piper]

Festuca octoflora var. *tenella* (Willd.) Fernald,

Rhodora 34: 209. 1932.

Based on *F. tenella* Willd.

[Pennsylvania]

Man. U. S.

Festuca oelandica (Hack. ex Nyman, Consp. Fl. Eur.

827. 1882, nomen); (Hack.) Richt. Fl. Eur. 1: 100.
1890.

"Oelandia (Alvaren)." [Nym. Consp.]

Based on *Festuca rubra* var. *oelandica* Hack.

Alvaren insulae Oeland [Sweden]

X *Festuca oenensis* Vetter, Verh. Zool. Bot. Ges. Wien

72: 120. 1922.

Parents:

Festuca dura Host X *nigricans* Schl.

Europe

Festuca Olgae (Regel) Kriv. Not. Syst. ex Herb. Inst.

Bot. Nom. V. L. Komarovii 22: 56. 1960.

Molinia Olgae Regel

Leucopoa Olgae (Regel) V. Krecz et Bobr.---CCCF,
11(1934) 495. In Russian only

Festuca oligantha R. A. Phil. ex St.-Yves, Candollea

3: 211. 1927, nom. nud. in herb. Berol. as syn. of
Festuca deserticola var. *paupera* St.-Yves.

Chile

Festuca oligosantha Schur, Enum. Fl. Transsilv. 784.

1866.

"Auf Triften der Kronstädter Gebirge, Kalk. Piatra-
mare 5000'. Aug. 1854."

Hungary

Festuca olympica Vetter in Hayek, Beih. Bot. Centralbl.

45: 307. 1928.

"Olymp, an steinigten Hängen zwischen 2100 und 2850 m.
häufig (H M.)." [Handel-Mazzetti]

Thessaly, Europe

Festuca onurus Willd. ex Spreng. Syst. Veg. 1: 354.

1825, as syn. of *F. bromoides* Spreng.

Europe

Festuca oranensis Steud. Syn. Fl. Glum 1: 313. 1854.

"Prov. Oran. Afr. sprtr."

Algeria, Africa

Festuca oraria Dum. Obs. Gram. Belg. 105. 1823.

"Belgium."

Festuca Oregona Vasey, Bot. Gaz. 2: 126. 1877.

"Oregon"

= *F. rubra* L.

Man. U. S.

Festuca oreoboloides F. Muell. Trans. Roy. Soc. Vict.

1(2): 38. 1889.

Highest tops of Owen Stanley's Ranges [Sir William
MacGregor]

New Guinea

Festuca orgyalis Willd. ex Spreng. Syst. Veg. 1: 351.

1825, as synonym of *Diplachne procera* Spreng. "Quito
(*Festuca orgyalis* W. Herb. procera Humb.)"

= *Festuca procera*, not the sp. publ. by Fourn.

Ecuador

Festuca orgyalis Willd. misappl. by Fourn. Mex. Fl.

2: 124. 1886. [Not Willd. ex Spreng. 1825]

[*Diplachne procera* erroneously given as synonym]

"Absque loco, e Nova Hispania (Bonpl. n. 2285 in
herb. Mus. Par.)"

= *F. amplissima* Rupr. ex Fourn.
and plant of *F. toluensis* - [see Type U.S. Grass
Type coll.]

Festuca orientalis Kern ex Hack. Monogr. Fest. 154.

1882, as syn. *Festuca elatior* ssp. *arundinacea* var.
genuina subv. *orientalis* Hack. Kern ex Pavlov, Bull.
Soc. Nat. Moscou Sect. Biol. 47: 80. 1938, short
descr. comparing Sp. with *Festuca Regeliana* Pavlov.
adds "(= *F. arundinacea* auctt. fl. turkest.)"

Central Asia

Festuca orientalis (Boiss.) Fedtsh. Bull. Jard. Imp.

Bot. Pierre Grand 14(Suppl. 2): 87. 1915. Not
Kern. ex Hack. 1882.

Based on *Nardurus orientalis* Boiss.

Syria Aleppo, Kotschy 841....Persepolis in Persia
Australi No. 263.

Festuca orthophylla Pilger, Bot. Jahrb. Engler 25: 717. 1898.

"Peruvia: Vinococaya, in vicinitate oppidi Arequipa (coll. peruv. n. 87)." [Stübel]

Andes Gr.

Festuca orthophylla var. *boliviana* Pilger, Bot. Jahrb. Engler 37: 508. 1906.

"Bolivia australis: in Puna Patanca... (Fiebrig n. 3192)...."

= *F. orthophylla* Andes Gr.

Festuca orthophylla var. *eristoma* (Hack.) St.-Yves, Candollea 3: 195. 1927.

Based on *F. eristoma* Hack.

Argentina, Hieronymus & Niederlein 392, 781.

Festuca orthophylla var. *eu-orthophylla* subv. *boliviana* (Pilger) St.-Yves, Candollea 3: 196. 1927.

Based on *F. orthophylla* var. *boliviana* Pilger

Bolivia australis in Puna Patanca (Fiebrig n. 3192)

Festuca orthophylla var. *eu-orthophylla* subv. *glabrescens* (Pilger) St.-Yves, Candollea 3: 197. 1927.

Based on *F. orthophylla* var. *glabrescens* Pilger

Peru: inter Puno et Cuzco. Weberbauer 408.

Festuca orthophylla var. *glabrescens* Pilger, Bot. Jahrb. Engler 37: 507. 1906.

"Weberbauer n. 408." "Peru: ad vicum Fucará in via ferrea inter Puno et Cuzco."

= *F. orthophylla* Grass. Ecuador etc.

Festuca orthophylla var. *meyenii* St.-Yves, Candollea 3: 198. 1927.

"Peru...Arequipa...Dr. Meyen 4--1831, Herb. Nees. Meyen mis!"

Festuca oryzetorum Pollini, Veron. Fl. Nov. 3. 1816.

= *F. elatior*

"*F. elatior* ssp. *arundinacea* var. *fenas* subv. *typica* Hack. Mon. Fest. Eur. 156. 1882 (Valde dubia!)"

Italy

Festuca Oswaldii Wein. "hybr. nov." Repert Sp. Nov. Fedde 7: 18. 1909.

"*Festuca ovina* X *heterophylla*"

"Südostharz: Mörnungsholz bei Wippra am Waldrande mit den Eltern;"

Germany

Festuca ourtana Lejeune, Fl. Envir. Spa. 1: 57. 1811.

Belgium

Festuca ovina L. Sp. Pl. 73. 1753.

"In Alpibus Lapponiae, Helvetiae, Sootiae."

Man. U. S.

Festuca ovina L., misappl. by Brot. Fl. Lusit. 1: 114. 1804.

= *F. ampla* Hack. "vix dubie" fide Hack. Monog. Fest. Eur. 116. 1882.

Portugal

Festuca ovina var. *alpina* (Suter) Wimm. & Grab. Fl.

Siles. 1: 84. 1827.

[Koch, Syn. Fl. Germ. Helv. 812. 1837, cites *F. alpina* Gaud. for basis, but Hack. cites Suter, which is earlier than Gaudin]

Suter used as basis by Hack. Monogr. Fest. Eur. 116. 1882; Bot. Centralbl. 8: 406. 1881. q.v.

Based on *F. alpina* Suter
Cites: "*F. alpina* Sut. ...M. u. K. ...Sturm ...
Reichenb. ...nicht Host." [Mert. & Koch]

in altioribus alpinis: Gemmo, Javernaz, Fouly, Enzeindaz, Richard, sur champ 1442.

[Switzerland]

Festuca ovina var. *alpina* Eluff & Ness, Comp. Fl.

Germ. ed. 2. 1: 176. 1836. Not Wimm. & Grab. 1827.

"Fl. Siles p. 84. *F. ovina* vivipara M. et K. l.o." [645]

Germany

Festuca ovina ssp. *alpina* (Suter) Hack. Bot. Centralbl. 8: 406. 1881. Monogr. Fest. Eur. 116. 1882.

Based on *F. alpina* Suter.

Helvetia

Festuca ovina ssp. *alpina* var. *Briquetii* St.-Yves ex Litard. Bull. Soc. Hist. Nat. Corse 42: 200. 1922.

"Flore Corse."

Corsica

Festuca ovina ssp. *alpina* var. *Briquetii* subv. *dyris* (Maire & Trab.) St.-Yves & Litard. Bull. Soc. Bot. France 70: 291. 1923.

Based on *F. alpina* var. *dyris* Maire & Trab.

Atlantis majoris (Dyris)

Africa

Festuca ovina ssp. *alpina* var. *Briquetii* subv. *eu-briquetii* St.-Yves & Litard. Bull. Soc. Bot. France 70: 290. 1923.

Based on "*F. ovina* ssp. *laevis* var. *scardica* Briq. ...non Griseb." [Griseb. misapplied by Briq.]

Corsica

Festuca ovina ssp. *alpina* var. *Briquetii* subv. *Gaucheri* St.-Yves & Litard. Bull. Soc. Bot. France 70: 293. 1923.

"Hab.: Haute-Savoie: Valloraine, arête des Charmoz, fentes des rochers ... (leg. A. Gaucher, 27 VII 1921). Typus in herb. R. Lit."

France

Festuca ovina ssp. *alpina* var. *intercedens* Hack. ex Litard. Bull. Soc. Hist. Nat. Corse 42: 201. 1922, without desor.; St.-Yves, Rev. Bret. no. 2: 47. 1927

"St. et Schr. Schw. Gräser-samm. No. 173." cited.

Helvetia

Festuca ovina ssp. *alpina* var. *Suteri* St.-Yves ex Litard. Bull. Soc. Hist. Nat. Corse 42: 201. 1922.

Based on *F. alpina* Sut. (sensu stricto)

= *F. ovina* ssp. *alpina* (Suter) Hack.

[= *F. ovina* var. *alpina* (Suter) Wimm & Grab.]

Corsica

Festuca ovina var. *amethystina* (Host) Koch, Syn. Fl. Germ. Helv. 812. 1837.

Based on "*F. amethystina* Host." Not L.

"*F. amethystina* Host...M. u. K. ...Reichenb." cited [Mert. & Koch]

Weinhaus, Austria

Festuca ovina var. *amethystina* Koch, Syn. ed. 1. 812.

1837. "*F. amethystina* Host. gr. 2. t. 89."

Hack Mon. Fest. Eur. 971882 refers this to *F. ovina* var. *vaginata* (Waldst. & Kitaib.) Hack.

p. 123 Hackel holds *F. amethystina* L. valid.

Festuca ovina var. *amethystina* (Lej.) Mathieu, Fl.

Generale Belg. 1: 621. 1853. Not (Host) Koch 1837.

"Laj[eune, Compend. fl. belg. 1828] only cited.

Belgium

Festuca ovina var. *angustifolia* Parnell, Grasses

Sootl. 1st: 129. pl. 57. 1842.

"very common in the Highlands, where it forms a great part of the herbage."

Scotland

Festuca ovina var. *antarctica* Hack. in P. Dusen, Svenska Exped. Magell. 3rd: 228. 1900.

"Hab. Fuegia orientalis: Rio Cullen. Leg. Br. Ansorge."

Festuca ovina var. *argaea* Hack. Ann. Naturhist.

Hofmus. Wien 20: 432. 1905.

Erdschias-Dagh, coll. Panther & Zederbauer

Asia minor

Festuca ovina var. *aristata* With. Bot. Arr. Brit.

Fl. ed. 2. 1: 97. 1787.

"Leers 8. 3.--Scheuch, 6. 6.--Mont. 5."

Europe

Festuca ovina var. *aristata* Coss. & Germ. Fl. Rev.

Paris 2: 650. 1845. Not With. 1787.

Environs de Paris

France

Festuca ovina var. *aristata* Vasey in Wheeler, Rep.

U. S. Surv. W. 100th Merid. 6: 291. 1878, without desor. Not With. 1787.

"South Park, Colorado, 1873 (1148)." [Wolf, Collector]

Festuca ovina var. *arizonica* (Vasey) Hack. ex Beal,

Grasses N. Amer. 2: 598. 1896.

Based on "*F. arizonica* Vasey"

Flagstaff, Arizona (Tracy 118)

= *F. arizonica* Man. U. S.

Festuca ovina var. *atroviolacea* Meinsh. ex Fedtsch.

Bull. Jard. Imp. Bot. Pierre Grand 14(Suppl. 2): 84. 1915, nom. nud.

U.S.S.R.

Festuca ovina ssp. *Beckeri* Hack. Bot. Centralbl.

8: 405. 1881, without desor.; *F. ovina* ssp. *beckeri* Hack. Monogr. Fest. Eur. 100. 1882.

"In campis arenosis (steppe) Rossia australis: ad Wolgan inferiorem pr. Sarepta (lg. Becker); ---"

U.S.S.R.

Festuca ovina ssp. *Beckeri* var. *caesia* (Smith) St.-

Yves, Bull. Soc. Bot. France 71: 35. 1924.

Based on *Festuca ovina* var. *glauca* subv. *caesia* Hack. [error for Smith]

England

= *F. ovina* var. *caesia* (J. E. Smith) J. E. Smith 1824

Wahlenb. Fl. Suec. (J. E. Smith) Wahlenb 1824.

Bury England

Festuca ovina ssp. *beckeri* var. *caesia* subv. Rogevitzii
St.-Yves, Candollea 3: 339. 1928.

"Russie d'Asie. Région aralo-caspienne: Gouv. d'Actubine, distr. d'Adaev, leg. Rogévitz no. 231 (herb. Lewitsky, herb. St.-Y.)."

Festuca ovina ssp. *beckeri* var. *eu-beckeri* (Hack.)
St. Yves, Bull. Soc. Bot. France 71: 34. 1924.

Based on *F. beckeri* Hack.

Festuca ovina ssp. *Beckeri* var. *glaucescens* subv. *eu-caesia* (St.-Yves) Litard, Candollea 10: 107. 1945.

Based on *F. ovina* ssp. *Beckeri* var. *caesia* subv. *eu-caesia* St.-Yves, Candollea 3: 339. 1928.

[this presumably based on *F. caesia* Smith, Eng. Bot. pl. 1917. 1808.]

England

Festuca ovina ssp. *Beckeri* var. *glaucescens* subv. *polesica* (Zapal.) Litard, Candollea 10: 107. 1945.

Based on *F. polesica* Zapal.

"Fauca exempla in Rokitno, in celebra magnis paludibus Polesia Volhyniensis sito, a Rehman lecta."

Russia

Festuca ovina ssp. *Beckeri* var. *glaucescens* subv.
Rogevitzii (St.-Yves) Litard, Candollea 10: 107. 1945.

Based on *F. ovina* ssp. *Beckeri* var. *caesia* subv. Rogevitzii St.-Yves.

"Russie d'Asie. Région aralo-caspienne: Gouv. d'Actubine, distr. d'Adaev, leg. Rogévitz No. 231. (herb. Lewitsky, herb. St.-Y.)."

France

Festuca ovina ssp. *Borderii* Hack. Bot. Centralbl.
8: 406. 1881, name only; Monogr. Fest. Eur.
113. 1882.

"In Pyrenaeis centralibus et orientalibus: Fic de Salettes, Fourquette d'Aure, Campviell etc. lg. Bordère."

Festuca ovina var. *borealis* Lange, Consp. Fl. Greenland
[Medd. Grøn. 3]: 179. 1880.

"*F. brevifolia* R. Br. Fl. Melvill. (Verm. Sohr. 1, p. 420! Rink l.c. p. 115! [Oronl. Geogr. Stat. Besk. 1857: place only cited] Fl. Dan. tab. 2706. (non Muhl.)!
F. brachyphylla Schult. based on *F. brevifolia* R. Br. Not Muhl. This = *F. ovina* var. *brachyphylla* (Schult.) Piper, Man. U. S.

Melville Isl., Arctic America

Festuca ovina ssp. *bornmülleri* Hack. Repert. Sp. Nov.
Fedde 2: 71. 1906.

J. & A. Bornmüller Jul. 1902.

Persia borealis, Elbrus, in excoelsis alpium Totschal (3600-3800 M)

Persia

Festuca ovina ssp. *bornmülleri* var. *australis* St.-Yves,
Bull. Soc. Bot. France 71: 120. 1924.

"Perse australe: Mt. Kuh-Daena, Kotschy Fl. Pers. austr. no. 752, sub: "*F. duriuscula* L. var. (herb. Coss. et herb. Mus. Paris)."

Persia

Festuca ovina ssp. *bornmülleri* var. *borealis* St.-Yves,
Bull. Soc. Bot. France 71: 120. 1924.

Based on *F. ovina* ssp. *bornmülleri* Hack [T. U.S.]

"Spec. exam.--Perse boreale: Mt Totschal, Bornm., 1902, no. 8437 (herb. Coss. et herb. Mus. Paris)."

Persia

Festuca ovina *brachyphylla* (Schult.) Piper, Contr.
U. S. Nat. Herb. 10: 27. 1906.

Based on "*Festuca brachyphylla* Schult." [this based on *F. brevifolia* R. Br. not Muhl.]

= *F. ovina* var. *brachyphylla* (Schult.) Piper

Man. U. S.
Melville Island Arctic America

Festuca ovina var. *brevifolia* (R. Br.) S. Wats. in
King, Geol. Expl. 40th Par. 5: 389. 1871.

Based on *F. brevifolia* R. Br. Not Muhl. 1817.

"(*F. brevifolia*, R. Br. Steud. Gram. 313.)"

= *F. ovina* var. *brachyphylla* (Schult.) Piper

Man. U. S.
Melville Isl. Arctic America

Festuca ovina ssp. *brevifolia* (R. Br.) Hack. Bot.
Centralbl. 8: 406. 1881; Monogr. Fest. Eur. 117.
1882.

Based on "*Festuca brevifolia* R. Br." not Muhl. 1817 same (R. Br.) S. Wats. 1871.

= *F. ovina* var. *brachyphylla* (Schult.) Piper

Man. U. S.
Melville Isl. Arctic America

Festuca ovina var. *caesia* (J. E. Smith) J. E. Smith,
Engl. Fl. 1: 139. 1824.

Same Wahlenb. Fl. Suec. 1: 62. 1824. Same basis.

Based on *F. caesia* J. E. Smith

Bury, England

Festuca ovina var. *caesio-viridis* Schur, Enum. Fl.
Transsilv. 786. 1866.

"Auf Wiesen, Triften, Hügeln bei Hermannstadt."

Rumania

Festuca ovina var. *cagiriensis* (Timb.-Lag.) Verguin,
Bull. Soc. Hist. Nat. Toulouse 57: 111. 1928.

Based on *F. ovina* subv. *crassifolia* f. *cagiriensis* (Timb.-Lag.) Hack. Mon. p. 92. 1882, this based on *F. cagiriensis* Timb.-Lagrange 1869.

France

Festuca ovina var. *calciicola* Schur, Enum. Fl.
Transsilv. 786. 1866.

"Kalkfelsen auf dem Schuler und auf Kalkfelsen bei Kronstadt, bis 4000'. Juni."

Rumania

Festuca ovina ssp. *calligera* Piper, Contr. U. S. Nat.
Herb. 10: 27. 1906. [Trinomial]

Based on *F. amethystina* var. *asperima* Hack. ex Beal.

= *F. ovina* Man. U.S.

type Arizona (Rusby 901)

Festuca ovina ssp. *callosa* Piper, Contr. U. S. Nat.
Herb. 17: 379. 1913.

in U. S. National Herbarium no. 691783, collected on a rocky hill at 2,500 meters altitude, Esperanza, Puebla, Mexico, August 28, 1910 by A. S. Hitchcock (no. 6490.)
U.S.

Festuca ovina var. *capillata* (Lej.) Mathieu, Fl.
Generale Belg. 1: 621. 1853.

"(*Lij[eune]*" only cited.

Belgium

Festuca ovina var. *capillata* (Lam.) Alefeld, Landw.
Fl. 354. 1866. Not Mathieu 1853.

Based on *F. capillata* Lam.

France

Festuca ovina ssp. *capillata* (Lam.) Kozlov, Bull.
Acad. Polon. Sci. Lettres Cl. Sci. Math. & Nat. Sér.
B. (1925): 329. 1925.

See Alefeld, same 1866. Not Mathieu. 1853.

"subsp. *capillata* Hack. pro var."

Based on *F. capillata* Lam.

France

Festuca ovina var. *cataonica* Hack. in Boiss. Fl.
Orient. 5: 617. 1884. "Hack. in litt."

"Hab. in monte Berytdagh Cataonias 8000' (Haussk!)"

"Orient"

Festuca ovina var. *chiisanensis* Ohwi, Acta Phytotax.
& Geobot. 10: 111. 1941.

"Hab. Korea (m. Chiisan, leg. J. Ohwi n. 7136.--Typus)."

Festuca ovina var. *chosonica* Ohwi, Acta Phytotax. &
Geobot. 10: 111. 1941.

"Hab. in Korea boreali-orient. (m. Kamboho in Kampoku, leg. J. Ohwi, no. 3989--Typus)."

Japan

Festuca ovina var. *cinerea* (Bell [error for Vill?])

Arceang. Comp. Fl. Ital. 791. 1882.

[*F. cinerea* Vill. 1787]

[see *F. ovina* ssp. *euovina* var. *glauca* subv. *cinerea* (Vill) Hack.]

Based on "*F. cinerea* Vill. Dauph. II 98 (1787) ex diagn."

France

Festuca ovina ssp. *coelestis* St.-Yves, Rev. Bret.
no. 2: 23, 47. 1927; Candollea 3: 376. 1928.

"In montibus Coelestibus et in alta regione Thibetica." [1st citation]

"Thian-sohan Mts. Célestes: Vallée de Djoukouthiak, ...Brocherel No. 392 (herb. Deless.) vallée d'Oust-Tohiat, ...Broch. no. 265 et 307 (herb. Deless.), près du col de Keu-Leu, ...Broch. no. 43 (herb. Deless.)." [2 citation]

Thian-sohan and Tibet.

Festuca ovina ssp. *coelestis* var. *fissa* Vetter, Repert.
Sp. Nov. Fedde 48: 166. 1940.

"Zentral-Elburs, Matten am Kandawan-Pass, ca. 3000 m, 26. V. 1937 (506)."

[Iran] [Rehinger f., Coll.]

Asia

Festuca ovina ssp. *coelestis* var. *glaucoidea* Vetter,
Repert. Sp. Nov. Fedde 48: 166. 1940.

"Mazanderan: Grasige Hänge der Buschwaldzone im Calus-Tal, ca. 2200 m, 7. VI. 1937 (889)."

[Iran] [Rehinger f. Coll.]

Asia

Festuca ovina ssp. *coelestis* var. *juncifolia* Vetter,
Repert. Sp. Nov. Fedde 48: 166. 1940.

"Zentral-Elburs: Matten am Nordhang des Kandawan-Passes, ca. 2800 m, 9. VI. 1937 (934)."

[Iran] [Rehinger f. Coll.]

Asia

Festuca ovina var. *columbiana* Beal, Grasses N. Amer.
2: 599. 1896.

Washington. "[Blue Mountains], Wash., [E.R.] Lake"

= *F. idahoensis* Man. U. S.

Festuca ovina var. *coreana* St. "Ypres" in Nakai, Bull. Nat. Sci. Mus. 31: 138. 1952.

"*F. ovina* v. *coreensis* Haack. ex Nakai (1914), nom. Honda (1930)"

[Ypres error for Yves [no record of this published by St. Yves.]
Korea

Festuca ovina var. *coreensis* Haack. ex Mori, Enum. Fl. Corea 43. 1922, nom. nud.

Haack. ex Nakai, Fl. Saishu & Kwan Ise (Quelpaert) 21. 1914, nom. nud. No. 254 in list of Gramineae. All Japanese except Latin names.

Korea

Festuca ovina var. *creticola* Czernjasev, Consp. pl. Charcov. & Ucran 71. 1859. No. 1622, nom. nud.

Russia

Festuca ovina var. *curvula* Wahl. Fl. Suec. 1: 62. 1824.

"Mertens, Germ. 1: 649." cited as if published there.
["Mertens, Germ. " not in Fritzel nor Bradley]

Festuca ovina var. *curvula* (Gaudin) Doell, Rhein. Fl. 81. 1843. Not *F. ovina* var. *curvula* (Mert.) Wahl. 1824.

Based on *F. curvula* Gaudin
Switzerland

Festuca ovina var. *dalmatica* Haack. in Rohlena, Sitzung. Böhm. Ges. Wiss. Math.-Nat. Cl. 1902 [pt.] 39: 30. 1902.

Montenegro. "Ad Rijeka et Drušići (c. 300m) et ad Velestovo in Katunska nahija (c. 900 m)"

Jugoslavia

Festuca ovina var. *dasyantha* Turcz. Bull. Soc. Nat. Moscou Sect. Biol. 29: 52. 1856.

"in deserto transbaicalensi ad fl. Uda expansa et Chorinskaja Step dicto observata."

Siberia

Festuca ovina ssp. *diversifolia* Nazarov, Bull. Soc. Nat. Moscou Sect. Biol. 32: 249. 1923-24.

"Habitat praecipue in pratis siccis vallibus insularumque fluminis Wolga..."

U.S.S.R.

Festuca ovina var. *djurdjurae* (Batt. & Trab.) Dur. & Schinz, Consp. Fl. Afr. 5: 917. 1894.

"*F. ovina* subsp. *frigida* var. ----Haack." in litt. ex Trab. in Batt. & Trab. Fl. Alger. (Monoc.) 208. 1884."

[*Festuca duriuscula* var. *Djurdjurae* Batt. & Trab.]

Djurdjura [Algeria, Africa]

Festuca ovina var. *dura* (Host) Fiori, Fl. Anal. Ital. 1: 91. 1908.

"*dura* (Host)" cited.

Italy

Festuca ovina var. *dura* (Host) Fiori, Nuov. Fl. Anal. Ital. 1: 135. 1923. See 1908.

"*dura* (Host, 1802)" cited.

Festuca ovina var. *duriuscula* (L.) Koch, Syn. Fl. Germ. Helv. 812. 1837.

Based on "*F. duriuscula* L. Sp. 108 [ed. 2] non Syst. Nat. Pollich. Pal. 1: 101.

Europe

Festuca ovina var. *duriuscula* Schrad. Linnaea 12: 457. 1838. Not Koch, 1837.

"*Festuca duriuscula* L., [misappl. by] Pollich, Host. Gram. et plurim. Auctor."

Germany

Festuca ovina var. *duriuscula* Bab. Man. Brit. Bot. 372. 1843. Not Koch, 1837.

Eng. Scot. Ireland "on mountains"

Festuca ovina var. *duriuscula* A. Gray ex Port. & Coult. Syn. Fl. Colo. 150. 1874, name only; no reference to *F. duriuscula* L.

"Hall & Harbour 665. Twin Lakes, Porter" East River Taylor River, and White House mountain, at 13,000 feet alt. Coulter" cited.

= *F. ovina* Man. U. S.

Festuca ovina var. *duriuscula* Vasey in Wheeler, Rep. U. S. Surv. W. 100th Merid. 6: 291. 1878, without descr. [Probably taken from A. Gray ex Port. & Coult. 1874.]

"Twin Lakes, Colorado, 1873 (1150)" (Wolf Coll.) cited.

Man. U. S.

Festuca ovina ssp. *duriuscula* (L.) Kozlow, Bull. Acad. Polon. Sci. & Lettres Cl. Sci. Math. & Nat. Ser. B. (1925): 332. 1925.

Based on *F. duriuscula* L.

In his text (p. 332) Kozłowska gives after above subspecies "*Haack. pro var.*" and in his introduction "*Haack. Monogr. Fest. Eur. (1882)*" as Haackel reference but earlier than this in Bot. Centralbl. 1881, Haackel gives *F. ovina* subsp. *euovina* var. *duriuscula* with "Koch, Syn." after it. This was published by Koch as *F. ovina duriuscula* (L.) Koch, Based on *F. duriuscula* L. So basis is really *F. duriuscula* L. for this.

Europe

Festuca ovina ssp. *duriuscula* var. *crassifolia* subv. subvillosa St.-Yves 110. Bericht. Schweiz. Bot. 23: 110. 1914.

[Switzerland?]

Festuca ovina ssp. *duriuscula* var. *robusta* (Haack.) Kozlow, Bull. Acad. Polon. Sci. Lettres Cl. Sci. Math. & Nat. Sér. B. (1925): 332, 333. 1925.

Based on *F. ovina* subsp. *ovina* var. *duriuscula* subv. *robusta* Haack.

"Hetruria in Mte Ferrato pr. Prato"

[? Sardinia]

Festuca ovina ssp. *duriuscula* var. *trachyphylla* (Haack.) Kozlow, Bull. Acad. Polon. Sci. & Lettres Cl. Sci. Math. & Nat. Sér. B. (1925) 332, 333. 1925.

Based on *F. ovina* ssp. *euovina* var. *duriuscula* subv. *trachyphylla* Haack.

"(Herocynia)"

Festuca ovina ssp. *duvalii* (St.-Yves) Kozlow, Bull. Acad. Polon. Sci. & Lettres Cl. Sci. Math. & Nat. Sér. B. (1925): 337. 1925.

based on "St. Y. pro var." = [*F. ovina* ssp. *sulcata* var. *Duvalii* St.-Yves]

Palatinat: Durokheim leg. Duval-Jouve... exsicc. Billot no. 2978

Germany

Festuca ovina elliptica (Beal.) Piper, Contr. U. S. Nat. Herb. 10: 43. 1906. trinomial

Based on *F. amplissima* var. *elliptica* Beal Mex. Grass.

Mexico (Chihuahua), Fringle 1438

Festuca ovina var. *erubescens* Schur, Enum. Fl. Transsylv. 786. 1866.

"Auf Kalkfelsen bei Kronstadt bis 4000' oberhalb der Fojana am Schuler. Jul."

Hungary

Festuca ovina var. *eu-Matthewsii* (Haack.) Howarth, Journ. Linn. Soc. Bot. 48: 65. f. 6, 7. 1928.

Based on *F. ovina* var. *matthewsii* Haack.

Mount Bonpland, Otago leg. H. J. Matthews (hb. Cheesem. 1496).

New Zealand

Festuca ovina var. *eu-novae-zelandiae* (Haack.) Howarth, Journ. Linn. Soc. Bot. 48: 63. 1928.

Based on *F. ovina* novae-zelandiae Haack.

Canterbury Alps, in declivibus montis Torlesse... leg. Cheeseman (Nro. 1497 sub nomine *F. duriusculae* L.).

New Zealand

Festuca ovina ssp. *euovina* Haack. Monogr. Fest. Eur. 85. 1882.

"*F. ovina* L." Sp. Fl. ed. 1. p. 73. 1753. "Fl. suec. 95."

"Habitat in Europae collibus apricis aridis vulgatissimum."

Festuca ovina ssp. *Euovina* Trabut, Bull. Soc. Bot. France 32: (ser. 2) 7: 397. 1885.

a. var. *duriuscula* Haack. Monogr. Fest. b. " dubia Haack. in litt. ---Trabut, Bull. Soc. Bot. 32: 397. 1885.

France Aizer (1700 metres)

Festuca ovina ssp. *eu-ovina* var. *amethystina* W. J. D. Koch, Syn. 1: 812. 1837; [*F. amethystina* L. misapplied fide Haack. Mon. 97. 1882.]

[cited by Litard, sub. *F. ovina* ssp. *euovina* var. *amethystina* L. subv. *vaginata*. See that card,

Festuca ovina ssp. *eu-ovina* var. *amethystina* subv. Dominii (Kraj.) Litard, Candollea 10: 107. 1945. *F. amethystina* L. misappl. = ?

Based on *F. Dominii* Kraj.

Slovakia austro-occidentalis: in arenosis in planitie fluminis Morava Moravské pole diota inter vias Kuchyná et Plavecký Svrtok (Domin, Krajina et Socii) 19. VI. 1929.

[Cech. Exsicc. Cent. II. No. 120]

Festuca ovina ssp. *eu-ovina* var. *amethystina* subv. *vaginata* (Waldst. & Kit.) Litard, Candollea 10: 107. 1945.

Based on *F. vaginata* Waldst. & Kit.

F. amethystina L. misapplied = ?

Habitat in Hungaria

Festuca ovina ssp. *eu-ovina* var. *cagiriensis* (Timb.-Lag.) Verg. Bull. Soc. Hist. Nat. Toulouse 57: 111. 1928.

Based on *F. cagiriensis* Timb.-Lag.

sommet de Cagire Toulouse, France

Festuca ovina ssp. eu-ovina var. *capillata* (Lam.)

Hack. Bot. Centralbl. 8: 405. 1881; Monogr. Fest. Eur. 85. 1882.

Based on *F. capillata* Lam.

France

Festuca ovina ssp. eu-ovina var. *constricta* Delpont,

Le Monde Pl. III. 29(No. 175): 7. 1928.

"Hab. Le Milobre de Massao, pelouses (alt. 900 m.), 17 juillet 1923"

[région de Narbonne et des Corbières]

France

[Borrowed from Crerar Libr. 1946]

Festuca ovina ssp. eu-ovina var. *coreana* St.-Yves,

Rev. Bret. no. 2: 27. 1927.

Korea

Festuca ovina ssp. eu-ovina var. *coreana* subv.

pyrogena St.-Yves, Rev. Bret. no. 2: 27. 1927;

Candollea 3: 336. 1928.

"Spec. exam.--Chine: Whilopo, ... Zimmermann no. 4... Su-tohen oriental, district de Tohen-Keou-Tin, leg. Farges... Japon: Azuma, prov. d'Iboursi, Herb. Sapporo Agr. Coll. (herb. Berlin); Iboursi, Faurie no. 2687... Aomori, Faurie No. 193."

Festuca ovina ssp. eu-ovina var. *coreana* subv. *taquetii*

St.-Yves, Rev. Bret. No. 2: 27. 1927; Candollea

3: 334. 1928.

"Corée. Ile de Quelpaert: Honguo, Taquet, Pl. Cor. No. 1866 sub "*F. ovina* var. *coreensis* Hack." (herb. Deless., herb. Berlin) et No. 3390 (herb. Deless.) Moktzyang, Taq. Pl. cor. No. 3397 (herb. Deless.); Séoul, Taq. Pl. cor. No. 3399 [status vegetus] (herb. Deless.)."

Korea

Festuca ovina ssp. eu-ovina var. *dolichophylla* Aschers.

& Graebn. Syn. Mitteleur. Fl. 2: 471. 1900.

Based on *F. longifolia* Viv. 1804, ... nicht Thuill., ... nor *F. duriuscula* var. *longifolia* Parl. 1848.

Italy

Festuca ovina ssp. euovina var. *dubia* Hack. in Trab.

Bull. Soc. Bot. France 32: ser. 2) 7: 397. 1885.

"Aizer (1700 mètres)."

Algeria

Festuca ovina ssp. eu-ovina var. *duriuscula* (L.) Hack.

Bot. Centralbl. 8: 405. 1881.

Given without descr. with "Koch, Syn." after it. This would be *F. ovina* var. *duriuscula* (L.) Koch. Based on *F. duriuscula* L.

Based on *F. duriuscula* L.

Europe

Festuca ovina ssp. eu-ovina var. *duriuscula* subv.

brevisetia Belli, Malpighia 14: 281. 1901.

"Susa alle Blaccio, 19. VI, 89, leg. Ferrari."

Italy--Herb. R. Ist. Bot. Torino.

Festuca ovina ssp. eu-ovina var. *duriuscula* subv.

Chabertii St.-Yves, Bull. Soc. Bot. France 71: 33. 1924.

"Habit.--Corse: Monte-Padro, leg. Chabert (herb. St.-Y.)."

Corsica

Festuca ovina ssp. eu-ovina var. *duriuscula* subv.

coreana St.-Yves, Bull. Soc. Bot. France 71: 33. 1924.

"Habit.--Asie: corée à Port-Hamilton, leg. Willford (ex herb. Grart. Kiew, in herb. Mus. Paris)."

Corea

Festuca ovina ssp. eu-ovina var. *duriuscula* subv.

crassifolia (Gaud.) Hack. Monogr. Fest. Eur.

91. 1882.

Based on *F. glauca* var. *crassifolia* Gaud. Fl. helv. 1: 287.

Switzerland

Festuca ovina ssp. eu-ovina var. *duriuscula* subv.

crassifolia f. *pogonantha* St.-Yves, Bull. Soc. Bot.

France 71: 34. 1924.

"Habit.--France: Savoie, Alpes-Maritimes. Suisse: Aigle, pres Bex, Simplon."

Festuca ovina ssp. eu-ovina var. *duriuscula* subv.

crassifolia f. *subhirsuta* Hack. in Belli, Malpighia

14: 280. 1901. "Hack. in literis"

"Bardonechia, salendo al Fréjus (Alpi Cozie) 9, VII, 90, lg. Ferrari."

Italy --Herb. R. Ist. Bot. Torino

Festuca ovina ssp. eu-ovina var. *duriuscula* subv.

durissima Hack. Monogr. Fest. Eur. 92. 1882.

Based on *F. indigesta* Gren. & Godr. Not Boiss.

France

Festuca ovina ssp. eu-ovina var. *duriuscula* subv. *flao-*

cida Belli, Malpighia 14: 280. 1901.

"Colle di Tenda, presso il Ricovero Maggiore (Alpi Marittime), leg. Belli et Ferrari. In pasquis sylvaticis alpium Valderii: la Stella VII, 26, Appennino Piceo, al Monte Fortino VI, 47, leg. Marzialetti."

Italy--Herb. R. Ist. Bot. Torino

Festuca ovina ssp. eu-ovina var. *duriuscula* subv.

genuina (Godr.) Hack. Monogr. Fest. Eur. 90. 1882.

Based on *F. duriuscula* var. *genuina* Godr. Fl. Lorr. 3: 172. 1844.

F. duriuscula L. and *F. ovina* var. *duriuscula* Koch are added to the synonym of *genuina* in Hack. Monogr. Fest. Eur. p. 216 (Addenda)

Festuca ovina ssp. eu-ovina var. *duriuscula* subv.

genuina f. *longearista* Hack. Monogr. Fest. Eur.

91. 1882.

[Aschersen & Graebner, Syn. Mitteleur 470, spell the name *longiaristata*]

Festuca ovina ssp. eu-ovina var. *duriuscula* subv.

gracillior Hack. Monogr. Fest. Eur. 90. 1882.

"Pyrenaeis or."

Festuca ovina ssp. eu-ovina var. *duriuscula* subv.

pubescens Hack. Monogr. Fest. Eur. 91. 1882.

Europe

Festuca ovina ssp. eu-ovina var. *duriuscula* subv.

pubiculmis (Hack.) St.-Yves, Bull. Soc. Bot.

France 71: 33. 1924.

Based on *F. duriuscula* var. *pubiculmis* Hack.

St.-Yves, Rev. Bret. No. 2, 29. 1927 cites Hack. Sitzungsab. Böhm. Ges. Wiss. Math. Phys. 4. 1899, as if published there, but the basis is published by Hackel in this reference.

Festuca ovina ssp. eu-ovina var. *duriuscula* subv.

*pubiculmis** f. *hirtispicula* St.-Yves, Bull. Soc.

Bot. France 71: 33. 1924.

"Habit.--France: Ariège à Foix, leg. Briand (herb. Petitm.)"

Festuca ovina ssp. eu-ovina var. *duriuscula* subv.

robusta Hack. Monogr. Fest. Eur. 91. 1882.

"Mettruria in Mte. Ferrato pr. Prato.

Festuca ovina ssp. eu-ovina var. *duriuscula* subv. *sand-*

domirensis (Zapal.) St.-Yves, Bull. Soc. Bot.

France 71: 33. 1924.

(Same made by Zapal. Ned. Kruid. Arch 30. 1928.)

Based on *F. duriuscula* var. *sandomiriensis* Zapal. published in 1904. St.-Yves cites "*F. ovina* subsp. eu-ovina: "subvar. *sandomirensis* Zapal. Conspect. Fl. Galio. crit. V. I, p. 60 pro var." This paging is given in this volume published in 1906, and at the Arnold Arboretum but Zapal.'s Conspectus Fl. Galioia was published in Rozpr. Wydz. Mat.-Przyr. Akad. Umiejetn. Krakow III. 4, B. 173. 1904. This is at L.C.

Festuca ovina ssp. eu-ovina var. *duriuscula* subv.

sandomirensis (Zapal.) *glabrispicula* St.-Yves, Bull.

Soc. Bot. France 71: 33. 1924.

"Habit. France: Rouen à la Roche-Adrien, leg. et inven. J. Chevalier."

Festuca ovina ssp. eu-ovina var. *duriuscula* subv.

brachyphylla Hack. Monogr. Fest. Eur. 91. 1882.

"Vulgaris in Germania boreali---, rarior in Anglia, Germania ooid., Helvetia boreali---, rarissime trans Alpes---"

Festuca ovina ssp. euovina var. *duriuscula* subv. *villosa*

(Schrad.) Hack. Monogr. Fest. Eur. 91. 1882.

Based on *F. ovina* var. *villosa* Schrad.

Germany

Festuca ovina ssp. eu-ovina var. *Embergeriana* Litard.

Bull. Soc. Sci. Nat. Maroc. 15: 263. 1935.

Morocco

Montis Masker, ad alt. 2800-3200 m., ubi cl. L. Emberger d 6 julii 1934 invenit.--Typus ex Herb. Inst. Imper. Scient. Rabatensis et in Herb. R. de Litardiere."

Africa

Festuca ovina ssp. euovina subv. eu-vulgaris St. Y.

f. *apogama* St. Yves, Bull. Soc. Bot. France

71: 29. 1924.

"Angleterre, Ecosse, S. loc., Herb. Vaillant---."

Festuca ovina ssp. eu-ovina var. *Frisia* Aschers. &

Graebn. Syn. Mitteleur. Fl. 2: 467. 1900.

"---Bremen: Ellener Brook (Buchsbaum) Wohl an der Nordsee verbreiteter."

Germany

Festuca ovina ssp. eu-ovina var. *glauca* (Koch) Hack.

Bot. Centralbl. 8: 405. 1881; Monogr. Fest. Eur.

94. 1882.

Based on *F. ovina* var. *glauca* Koch.

Festuca ovina ssp. eu-ovina var. *glauca* (Lam.) Kozlov.

Bull. Acad. Polon. Sci. & Lettres Cl. Sci. Math. &

Nat. Sér. B(1925): 334. 1925. Not Hack 1882.

Based on *Festuca ovina* var. *glauca* (Lam.) Hack., this on *F. glauca* Lam.

France

Festuca ovina ssp. eu-ovina var. *glauca* subv. *caesia*

(J. E. Smith) Hack. Monogr. Fest. Eur. 95. 1882.

Based on *F. caesia* J. E. Smith

Bury, in June 1804

England

Festuca ovina ssp. eu-ovina var. *glauca* subv. *cinerea*
(Vill.) Hack. Monogr. Fest. Eur. 95. 1882.

Based on *F. cinerea* Vill. ...ex diagn.

ad radices montium, in pasculis meridionalibus
France

Festuca ovina ssp. eu-ovina var. *glauca* subv. *inops*
(DeNot.) Hack. Monogr. Fest. Eur. 95. 1882.

Based on *F. inops* DeNot.

Italy

Festuca ovina ssp. eu-ovina var. *glauca* "f. or subv."
macrophylla St.-Yves, Ann. Cons. Jard. Bot. Genève
17: 78. 1913.

First cited: "Région montagneuse--Val Pesio"
30. VII. 12 (herb. Wilc. et herb. St.-Y.)...

Alpes maritimes

France

Festuca ovina ssp. eu-ovina var. *glauca* subv. *macro-*
phylla f. *hispidiflora* Litard. Candollea 10: 119.
1945.

France, Hautes-Alpes; Switzerland

"Typus in hb. Gandoger et hb. R. Lit."

Festuca ovina ssp. eu-ovina var. *glauca* subv. *macro-*
phylla f. *puberula* Litard. Candollea 10: 119. 1945.

"Hab. in Gallia: Isère, Vallis Fauge prope Villard-
de-Lans, in rupibus calcareis, ad alt. 1300-1400
m.s.m., ubi cl. M. Breistroffer d. 18 jul. 1937
invenit.--Typus in hb. R. Lit."

France

Festuca ovina ssp. eu-ovina var. *glauca* subvar. *pallens*
(Host) Hack. Monogr. Fest. Eur. 95. 1882.

Based on *F. pallens* Host.

Austria

Festuca ovina ssp. eu-ovina var. *glauca* subv. *psammo-*
phila (Hack.) Hack. Monogr. Fest. Eur. 96. 1882.

Based on "F. glauca b. psammophila Hack. apud
Celakowsky. Prodr. Fl. Böhm. IV. 721. (1881)."

Czechoslovakia

Festuca ovina ssp. eu-ovina var. *glauca* subv. *soabri-*
folia (Hack.) St.-Yves, Rev. Bret. no. 2. 30. 1927.

Based on *Festuca glauca* var. *soabrifolia* Hack.

Bohemia

Festuca ovina ssp. eu-ovina var. *glauca* subv. *soabri-*
folia f. *firnuloides* St.-Yves, Ann. Cons. Jard.
Genève 17: 80. 1913.

"Région littorale.--Environs de Nice: col d'Eze",
Esterel: sommet du Pic d'Aurelle", (herb. Burn.)

France

Festuca ovina ssp. eu-ovina var. *glauca* subv. *tauri-*
nensis Hack. ex Belli, Malpighia 14: 282. 1901.
"Hack. in herb. Taur."

"Al Monte Musiné, (Torino) 8, V, 79, leg. Ung.
Stern."

Italy--Herb. R. Ist. Bot. Torino

Festuca ovina ssp. eu-ovina var. *laevifolia* Hack. ex
Rohlena, Sitzungs. Böhm. Ges. Wiss. Math-Nat. Cl.
1902 [pt.] 39: 30. 1902.

"---Vir." Montenegro

Festuca ovina ssp. eu-ovina var. *Lemani* (Bast.)
Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 468. 1900

Based on *F. Lemani* Bast.

France

Festuca ovina ssp. eu-ovina var. *livienensis* Verg. Bull.
Soc. Hist. Nat. Toulouse 57: 180. f. 1. 1928.

"Habit.--Cerdagne: Livia, côteaux Schisteux, alt.
1,220m.; leg. Semmen, 2 juillet 1927."

Pyrenees - France

Festuca ovina ssp. eu-ovina var. *maroccanana* St.-Yves,
Rev. Bret. Bot. No. 2: 30. 1927.

"Imper. Maroccanum"

Africa

Festuca ovina ssp. eu-ovina var. *maskerensis* Litard.
Bull. Soc. Sci. Nat. Maroc. 15: 262. 1935.

Montis Masker...ubi cl. L. Emberger d. 6 julii 1934
invenit.--Typus in Herb. Inst. Imper. Scient. Raba-
tensis et in Herb. R. de Litardiere."

Morocco

Aff. var. *Font-Querianae* St.-Y

Festuca ovina ssp. eu-ovina var. *occitanica* Litard.
Candollea 10: 122. 1945.

"Hab. in Gallia: Hérault: St.-Guilhem-le-Désert, ubi
cl. Semmen d. 7 jun. 1898 invenit.--Typus in hb. R.
Lit."

France

aff. *F. ovina* subsp. eu-ovina vars. *valentina* and
livienensis

Festuca ovina ssp. eu-ovina var. *occitanica* subv.
eu-occitanica Litard. Soc. Bot. France Bul.
95: 282. 1948.

Based on *F. ovina* ssp. eu-ovina var. *occitanica*
Litard.

France

Festuca ovina ssp. eu-ovina var. *occitanica* subv.
hirta Litard. Bull. Soc. Hist. Nat. Toulouse
82: 113. 1947.

"Bouches-du-Rhône" France

Festuca ovina ssp. eu-ovina var. *ochroleuca* (Timb.-Lagr.)
Hack. Bot. Centralbl. 8: 405. 1881; Monogr. Fest.
Eur. 93. 1882.

Based on "*Festuca ochroleuca* Timb.-Lagr."

"Vorberge der Pyrenaen."

France

Festuca ovina ssp. eu-ovina var. *ochroleuca* subv.
arbacensis St.-Yves, Bull. Soc. Bot. France 71: 34.
1924.

Based on "var. *ochroleuca* Hack. l.c.s. stricto."

"Pyrenaeis"

Festuca ovina ssp. eu-ovina var. *ochroleuca* subv.
gracillior Verg. Bull. Soc. Hist. Nat. Toulouse
57: 182, f. 2. 1928.

"Habit.--Ariège: Vallée de l'Orliège, près d'Orlu,
alt. 850 m. environ; leg. H. Gausson, 23 mai 1920."

France

Festuca ovina ssp. eu-ovina var. *pannonica* (Koch) Hack.
Bot. Centralbl. 8: 405. 1881; Monogr. Fest. Eur.
98. 1882.

Based on *F. ovina* var. *pannonica* Koch, Syn. ed. 1.
813. ed. 2: 939.

Europe

Festuca ovina ssp. eu-ovina var. *paphlagonica* St. Yves,
Bull. Soc. Bot. France 71: 32. 1924.

"Habit.--Paphlagonie. Villayet de Kastamboul,
Giaurdagh. Sint. It. Orient. 1892, no. 4187 sub:
"F. punctatoria detera. Freyn." (herb. Laus.)"

Asia Minor

Festuca ovina ssp. eu-ovina var. *paphlagonica*
subv. *bigorronensis* St. Yves, Bull. Soc. Bot.
France 71: 34. 1924.

"France: Hautes-Pyrénées---de Luz à Odeire---
(herb.-St. Y.)"

Forma *delicoostachys* St.-Y. l.c. "Hongrie---Fl.
Hung. exsic. No. 290. (herb. Deless.) - Autriche:
près Vienne - Freyn 1880. (herb. Mus. Paris)

Festuca ovina ssp. eu-ovina var. *paphlagonica* subv.
Chabertii St. Yves, Bull. Soc. Bot. France 71: 33.
1924.

"Corse: Monte-Padre, leg. Chabert (herb. St.-Y.)

Festuca ovina ssp. eu-ovina var. *paphlagonica* subv.
Chabertii f. *pogonantha* St. Yves, Bull. Soc. Bot.
France 71: 34. 1924.

France: Savoie, Alpes-Maritimes, Suisse: Aigle près
Bex, Simplon.

Festuca ovina ssp. eu-ovina var. *paphlagonica* subv.
coreana St. Yves, Bull. Soc. Bot. France 71: 33.
1924.

"Asie: Corée a Port. Hamilton, leg. Willford (ex
herb. Grart. Kiew in herb. Mus. Paris)"

Festuca ovina ssp. eu-ovina var. *paphlagonica* subv.
pubiculmis Hack. f. *hirtispicula* St. Yves, Bull.
Soc. Bot. France 71: 33. 1924.

"France: Ariège a Foix, leg. Briand (herb. Petitm.)."

Festuca ovina ssp. eu-ovina var. *paphlagonica* subv.
sandemirensis "St. Yves, Bull. Soc. Bot. France
71: 33. 1924.

France: Rouen à la Roche-Adrien, leg. J. Chevalier.

"Zapal. Comp. Fl. Galie. Crit. V. 1: 60. 1906
pro var.

Festuca ovina ssp. eu-ovina var. *paphlagonica* subv.
sandemirensis f. *glabrispicula* St. Y. Bull. Soc.
Bot. France 71: 33. 1924.

France: Rouen à la Roche-Adrien, leg. J. Chevalier.

Festuca ovina ssp. eu-ovina var. *Semmaniana* Litard.
Candollea 10: 121. 1945.

"Hab. in Gallia: Pyrénées-Orientales, Cerdagne, Val
d'Ur, in collibus, ad alt. 1400 m.s.m., ubi invenit
cl. Semmen 12 jul. 1922.--Typus in hb. R. Lit. et
hb. J. Charrier."

France

aff. *F. ovina* ssp. eu-ovina var. *livienensis* Verg.

Festuca ovina ssp. eu-ovina var. *sudetica* (Hayek-
Markgraf) Kittel, Taschenb. Fl. Deutschl. ed. 2: 97.
1844; ed. 3. 125. 1853.

Based on *F. vulgaris* var. *sudetica* Hayek-Markgraf
Germany

Copied from Litard, Candollea 10: 104. 1945. See
F. vulgaris *sudetica* (Kitt.) Hayek in our cards)

Festuca ovina ssp. eu-ovina var. sudetica subv. eu-supina (St.-Yves) Litard, Candollea 10: 105. 1945.

Based on *F. ovina* ssp. eu-ovina var. supina subv. eu-supina St.-Yves.

Rumania

Festuca ovina ssp. eu-ovina var. sudetica subv.

eusupina f. caducipila (St.-Yves) Litard, Candollea 10: 105. 1945.

Based on "*F. ovina* ssp. eu-ovina var. supina subv. eu-supina f. caducipila St.-Yves."

under eusupina not eusudetica. Dr. Herman says acc. to Internat. Rules it would not be necessary to put under subv. eu-supina

Europe

Festuca ovina ssp. eu-ovina var. sudetica subv.

eu-supina f. capillifolia (St.-Yves) Litard, Candollea 10: 105. 1945.

Based on *F. ovina* ssp. eu-ovina var. supina subv. eu-supina f. capillifolia St.-Yves.

Under eu-supina not eu-sudetica. Dr. Herrman says acc. to Internat. Rules would not be necessary to put under subv. eu-supina

Festuca ovina ssp. eu-ovina var. sudetica subv. eu-supina f. oligantha (Hack.) Litard, Candollea 10:

105. 1945.

Based on *F. ovina* ssp. eu-ovina var. supina subv. oligantha Hack., which is based on *F. oligantha* Schur.

Under eu-supina not eu-sudetica. Dr. Herrman says acc. to Internat. Rules would not be necessary to put under subv. eu-supina.

Festuca ovina ssp. eu-ovina var. sudetica subv. eu-supina f. pubiflora (Hack.) Litard, Candollea

10: 105. 1945.

Based on *F. ovina* ssp. eu-ovina var. supina subv. pubiflora Hack.

Under eusupina not eu-sudetica. Dr. Herrman says acc. to Internat. Rules it would not be necessary to put under subv. eusupina.

Festuca ovina ssp. eu-ovina var. sudetica subv. eu-supina f. vivipara (L.) Litard, Candollea 10: 105.

1945.

Based on *F. ovina* var. vivipara L.

Sweden

Festuca ovina ssp. eu-ovina var. sudetica subv.

grandiflora (Hack.) Litard, Candollea 10: 105. 1945.

Based on *F. ovina* ssp. eu-ovina var. supina subv. grandiflora Hack.

Scandinavia

Festuca ovina ssp. eu-ovina var. supina (Schur) Hack.

Bot. Centralbl. 8: 405. 1881.

Based on *F. supina* Schur.

Rumania

Festuca ovina ssp. eu-ovina var. supina subv. eu-

supina St.-Yves, Bull. Soc. Bot. France 71: 31. 1924

"subv. typica Hack. Mon. [p. 88]. Règles Nom., art. 29."

Rumania

Festuca ovina ssp. eu-ovina var. supina subv. eu-

supina f. caducipila St.-Yves, Bull. Soc. Bot.

France 71: 31. 1924.

"Habit.--Laponie orientale: Turii, F. Fellmann, Fl. arct. no. 345 (herb. Vallot)."

Festuca ovina ssp. eu-ovina var. supina subv. eu-supina

f. capillifolia St.-Yves, Candollea 3: 332. 1928;

op. cit. 5: 103. 1932, later observations.

"Spec. exam.--Oural: 'Regio lapidea jugis Uralensis' (herb. Berlin, 2 parts). Caucase: alpes de Kasbek, Brotherus Fl. cauc. No. 943 (herb. Deless., nom herb. Boiss.)

Japan: Cap. Ermo, Faurie No. 10530 (herb. DC.)

Festuca ovina ssp. eu-ovina var. supina subv. typica

Hack. Monogr. Fest. Eur. 88. 1882.

Based on "*F. supina* Schur"

Hochelpen, Rumania
Transylvania

Festuca ovina ssp. eu-ovina var. supina subv. vivipara

(L.) Hack. Monogr. Fest. Eur. 89. 1882.

Based on *F. ovina* var. vivipara L.

Sweden

Festuca ovina ssp. eu-ovina var. tarragonensis Litard.

Candollea 10: 121. 1945.

"Hab. in Hispania orientali, Prov. Tarragona, Cardó, in declivibus calcareis collis 'del Murtero' diotis, ad alt. 750 m.s.m., ubi cl. Font Quer d. 27 maji 1942 invenit.--Typus in hb. Inst. bot. barcinonensis et in hb. R. Lit."

Spain

"aff. *F. ovina* subsp. eu-ovina var. valentina St.-Yves"

Festuca ovina ssp. eu-ovina var. vaginata (Waldst. &

Kit.) Hack. Bot. Centralbl. 8: 405. 1881, based on

F. vaginata Waldst. & Kit. [in W. Enum. 116. (1809)]

Monogr. Fest. Eur. 97. 1882.

"Hungaria"

Festuca ovina ssp. eu-ovina var. vaginata f. dolicho-

stachys St.-Yves, Bull. Soc. Bot. France 71: 34.

1924.

"Habit.--Hongrie: près Filasszentiván, Fl. Hung. exsicc. No. 290 (herb. Deless.).--Autriche: près Vienne, leg. Freyn 1880 (herb. Mus. Paris)."

Festuca ovina ssp. eu-ovina var. vaginata f. vivipara

St.-Yves, Bull. Soc. Bot. France 71: 34. 1924,

without descr.

"Habit.--Hongrie: Pesth, leg. Magnague (herb. Coss.)."

Festuca ovina ssp. eu-ovina var. valentina St.-Yves,

Bull. Soc. Bot. France 72: 1010. 1925.

"Espagne. Province de Valence: Sierra Mariola, leg. Gros, 21 Jun. 1923, comm. Font Quer (herb. Mus. Baro., herb. St.-Y.)."

Festuca ovina ssp. eu-ovina var. valentina subv.

maorathera St.-Yves, Cavanillesia 4: 25. 1931.

"Hab. in rupibus calc. montis Hafa-el-gorbeb (Imp. Maroc.-Andjara) ad 500 m alt., ubi, d. 11 junii 1930, legi."

Marocco

Festuca ovina ssp. eu-ovina var. vulgaris (Koch) Hack.

Bot. Centralbl. 8: 405. 1881. "var. vulgaris Koch,

Syn." cited. Monogr. Fest. Eur. 86. 1882.

"*F. ovina* var. vulgaris Koch, Syn. ed. 1. 2: 812 (excl. forma tenuifolia)."

Germany - Switzerland

Festuca ovina ssp. eu-ovina var. vulgaris subv. eu-

vulgaris St. Yves, Bull. Soc. Bot. France 71: 28.

1924.

" = var. gemina Hack."

Festuca ovina ssp. eu-ovina var. vulgaris subv. eu-

vulgaris f. apogama St.-Yves, Bull. Soc. Bot.

France 71: 29. 1924.

"Habit.--Angleterre, Ecosse, S. loc., Herb. Vaillant sub: Gr. montanum spicaefoliacea graminia (herb. Mus. Paris)."

Festuca ovina ssp. eu-ovina var. vulgaris subv.

fargesii St. Y. Bull. Soc. Bot. France 71: 31. 1924.

Chine: Su-Tchen oriental, district de Tchen-Keou-Tin, leg. R. P. Farges sub *F. ovina* L. (herb. Mus. Paris).

Festuca ovina ssp. eu-ovina var. vulgaris subv.

Fargesii f. caducipila St. Yves, Bull. Soc. Bot.

France 71: 31. 1924.

"Laponie orientale: Turii, F. Fellmann, Fl. Arct. 345. (herb. Vallot)."

Festuca ovina ssp. eu-ovina var. vulgaris subv. firmula

Hack. Monogr. Fest. Eur. 87. 1882.

"Rossia septentr. (Ingria), Germania boreali (Herzog, ad Blankenburg), Bohemia (Frestio), Austria inf. (St. Fölten), Bavaria (Nürnberg); Helvetia boreali (Zürich, Pfaffikonsee, Eglisau, Engadin etc.); Gallia (Chinon, Alais [Gard])"

Festuca ovina ssp. eu-ovina var. vulgaris subv.

firmuloides (St.-Yves) St.-Yves, Rev. Bret. no. 2.

26. 1927.

Based on *F. ovina* ssp. eu-ovina var. glauca subv. scabrifolia f. firmuloides St.-Yves.

France

Festuca ovina ssp. eu-ovina var. vulgaris subv. gemina

(Gren. & Godr.) Hack. Monogr. Fest. Eur. 86. 1882.

Based on *F. ovina* var. genuina Gr. & Godr. Fl. d. Fr. 3: 570.

France

Festuca ovina ssp. eu-ovina var. vulgaris subv. guest-

phalica Hack. Monogr. Fest. Eur. 87. 1882.

" = Guestfalia (Sauerland), Moravia (Znaim) Austria inf. (St. Fölten)."

Austria

Festuca ovina ssp. eu-ovina var. vulgaris subv. hetero-

pachys St. Y. Bull. Soc. Bot. France 71: 31. 1924.

"Belgique----France: forêt de Fontainebleau, leg. Chabert (herb. St. Y.); Bas-Rhin: a Haguenau, ex sic. Billot no. 961.----

Festuca ovina ssp. eu-ovina var. vulgaris subv. hispi-

dula Hack. Monogr. Fest. Eur. 87. 1882.

"Hujus subvarietatis forma umbrosa est: *F. scisaphila* Schur! Enum. plant. Transsylv. 787 (1866)."

"Vidi Transsylvania (Kronstadt), Silesia (Breslau), Austria inf. (St. Fölten)."

Rumania

Festuca ovina ssp. eu-ovina var. vulgaris subv. hispi-

dula Hack. ex Kraj. Acta Bot. Bohem. 9: 189, 192.

1930. See same 1882.

"Hack. p.p."

Bohemia

Festuca ovina ssp. eu-ovina var. vulgaris subv. laevifolia Haek. Monogr. Fest. Eur. 87. 1882.

"ex Uralo, Fennia (Jäventaka), Norvegia (Dovre), Heroyria (Terseburg), Pommerania (Greifswald), Marchia (Prenzlau), Bohemia (Carlsbad), Rossia media (Charkow), Pyrenaeis orientibus (Villefrancoe), Ile St. Martin pr. Grussant."

Festuca ovina ssp. euovina var. vulgaris subv. niphobia St.-Yves Bull. Soc. Bot. France 71: 29. 1924.

"France:---Pyrenées-Orientales; plus rare dans les Hautes Pyrenées. Andorre,---herb. Gaudin (herb. Lausanne),---"

Festuca ovina ssp. eu-ovina var. vulgaris subv. niphobia f. crassior St.-Yves, Bull. Soc. Bot. France 71: 30. 1924.

"subvar. alpicola St. olim in Sched."

"Habit.---En mélange avec le type; beaucoup plus rare."

Festuca ovina ssp. euovina var. vulgaris subv. pilifera St.-Yves, Bull. Soc. Bot. France 71: 29. 1924.

"France: Mantes (Seine-et-Oise), leg. St.-Y. Moravia, A Znaim, leg. Oborny, Boenitz herb. Europ. (Herb. Mus. Paris)."

f. humilis St. Yves-Angleterre près Londres. G. Ball (herb. Coss.).

f. sedenensis (Clar.) St. Y. France--(Var) leg. Clarion sub f. sedenensis Clar.--(herb. Deless.)"

Festuca ovina ssp. eu-ovina var. vulgaris subv. pilifera f. humilis St.-Yves, Bull. Soc. Bot. France 71: 29. 1924.

"Habit.---Angleterre près Londres, G. Ball. (herb. Coss.). subv. laevifolia Haek. Mon., p. 87." [The specimen cited is not cited by Haek.]

Festuca ovina ssp. eu-ovina var. vulgaris subv. pilifera f. sedenensis Clar. ex St.-Yves, Bull. Soc. Bot. France 71: 29. 1924.

"Habit.---France: montagnes de la Seyne (Var) leg. Clarion sub: f. sedenensis Clar. ouvr. mss. pl. nov. herb. Deless.)"

Festuca ovina ssp. eu-ovina var. Weilleri Litard. Bull. Soc. Hist. Nat. Afr. Nord 31: 70. 1940.

"Hab. in montibus Imperii Marocani meridionalis: in lapidosis calcareis Atlantis Majoris ad Tizi-n-Tighoughizin, ad alt. 2.600 m.s.m. in rupestribus vulcanicis montium Sargho ad Amalou-n-Ou-Mansour, ad alt. 2.200m.s.m.; in pascuis lapidosis montium Sirous, supra Tachokoh, ad alt. 2.100m.s.m., uni ol. R. Maire et ol. M. Weiller jun. 1939. invenerunt. Typus in Herb. Universitatis Algeriensis et in Herb. R. de Litardiere."

Marocco

Festuca ovina ssp. eu-ovina var. Yarochenkoi St.-Yves, Candollea 5: 104. 1932.

"Transcaucasie. Azerbajdzhan. Distr. de Nucha, leg. Yarochenko"....

Eur. - U.S.S.R.

Festuca ovina var. firmula (Haek.) Richt. Fl. Eur. 1: 93. 1890.

Based on *F. ovina* var. vulgaris subv. firmula Haek. Rossia septentr. (Ingria), Germania, Bohemia, Austria, Germany, Switzerland, France.

Festuca ovina var. firmula (Haek.) Hegi in Stohr, Wissenschaftl. Zeitschr. Martin-Luther-Univ. Halle-Wittenberg 9: 396. 1960.

f. firmula Pflanze kahl.
f. lemanii (Bast.) Stohr l.o.

[see *F. ovina* var. firmula (Haek.) Richt. Fl. Eur. 1: 93. 1890]
[Mitteldeutschland]

Festuca ovina var. firmula subv. Lemanii (Bast.) Kraj. Acta Bot. Bohem. 9: 189, 193. 1930.

Based on *F. lemanii* Bast.

Brissac. Saumur. France

Festuca ovina var. firmula subv. Lemanii f. eu-Lemania Kraj. Acta Bot. Bohem. 9: 190, 193. 1930.

[Bohemia; Slovakia]

Festuca ovina var. firmula subv. Lemanii f. flaccida Kraj. Acta Bot. Bohem. 9: 190, 193. 1930.

[Bohemia; Slovakia]

Festuca ovina var. firmula subv. Lemanii f. multiflora Kraj. Acta Bot. Bohem. 9: 190, 193. 1930.

[Bohemia; Slovakia]

Festuca ovina var. firmula subv. typica Kraj. Acta Bot. Bohem. 9: 189, 192. 1930.

f. vulgaris Kraj. l.o. 189, 192.
f. brevistarata Kraj. l.o. 189, 192.
f. longistarata Kraj. l.o. 189, 192.

Bohemia, Moravia,
[Cech. Exsicc. Cent. II]

Festuca ovina var. firmulacea (Mgf.-Dbg.) Stohr, Wissenschaftl. Zeitschr. Martin-Luther-Univ. Halle-Wittenberg 9: 396. 1960.

[Mitteldeutschland]

Festuca ovina var. fluminensis Sadl. ex St.-Yves, Bull. Soc. Bot. France 71: 36. 1924, as syn. of *F. ovina* ssp. sulcata var. dalmatica subv. eu-dalmatica f. fluminensis St.-Yves.

Festuca ovina var. Pont-Queriana St.-Yves, Cavanillesia 2: 55. 1929.

f. pubescens l.o. 56
f. glabra l.o. 56.

"Hab. in rupestribus calce. collis Tizi Soluten diotis (Yebala-imp. Maroo.), ad 1300 m. alt., ubi Font Quer, d. 19 junii 1928, legit."

Marocco

Festuca ovina ssp. frigida Haek. Monogr. Fest. Eur. 114. 1882.

"Continet varietates 3." [no names or specimens cited for frigida itself.]

"var. 2. gemina" taken as type, q.v.

[see card *F. ovina* ssp. frigida var. frigida Haek.]

Festuca ovina ssp. frigida var. djurdjurae (Trabut) St.-Yves, Candollea 1: 10. 1922.

Based on *F. duriuscula* var. djurdjurae Traub.
sommets du Djurdjura

[Algeria. Africa]

Festuca ovina ssp. frigida var. frigida Haek. Bot. Centralbl. 8: 406. 1881.

"= genuina (Haek. n.f.) (F. Halleri Boiss. Voy. Esp.) Sierra Nevada, subnivale Region."

= *F. ovina* ssp. frigida var. genuina Haek. Monogr. Fest. Eur. 115. 1882.

"F. Halleri Boiss. Voy. Esp. II. 672.--Willk. & Lange, Prodr. Fl. Hisp. 1. 93. non All.--Exs. Boiss. Fl. hisp."

[see card *F. ovina* ssp. frigida var. genuina Haek.]

Spain

Festuca ovina ssp. frigida var. genuina Haek. Monogr. Fest. Eur. 115. 1882.

"F. Halleri Boiss. Voy. Esp. II. 682.--Willk. & Lange, Prodr. Fl. Hisp. 1. 93 non. All. --Exs. Boiss. Fl. hisp."

"In pratis turfosis regionis nivalis Sierra Nevada inter 2800-3100 m. rara (Boiss.) Borreguil de S. Juan 2840 m. (lege ipse.)"

[see card *F. ovina* ssp. frigida var. frigida Haek.]
Spain

Festuca ovina ssp. frigida var. glacialis (Miegew.).

Haek. Bot. Centralbl. 8: 406. 1881, based on *F. glacialis* Miegew.; Monogr. Fest. Eur. 115. 1882, described.

"Pyrenaeis---valle Héas---montium Gabiedou, Canaou, Trémouze, Camp-Long, (Miegewille)"

France

Festuca ovina ssp. frigida var. glacialis subv.

microphylla St.-Yves, Bull. Jard. Bot. Acad. Sci.

U.R.S.S. 30: 714. 1932. Also Candollea 5: 120. 1932.

"Caucase. Environs de Station Gvilety, leg. Novopokrovsky, 12. VII. 1923, sub. 'F. ovina' No. 954 (herb. Petrop.)"

Eur. Russia

Festuca ovina ssp. frigida var. glacialis subv.

Miegewillei St.-Yves, Candollea 5: 120. 1932,

Based on var. glacialis Haek. S. Str."

Europe

Festuca ovina ssp. frigida var. glacialis subv.

olympica (Vetter) Litard. Bull. Soc. Hist. Nat. Afr. Nord 26: 40. f. 1. 1935 or 36.

Based on *F. olympica* Vetter

Olymp [Thessalien] Greece
[Handel-Mazzetti] 15-VII-1927.

Festuca ovina ssp. frigida var. glacialis f. pusilla St.-Yves, Bull. Soc. Bot. France 71: 119. 1924.

"Pyrenaeis-Orientales"----"Catalogne"

Festuca ovina ssp. frigida var. numidica (Trabut) St.-Yves, Candollea 1: 9. 1922.

Based on *F. [plicata* Haek.] numidica Traub.

Numidie Djebel Rouis. Tunisie

Festuca ovina ssp. frigida var. numidica f. pubiculis Litard. in Maire, Bull. Soc. Hist. Nat. Afr. Nord. 26: 40. 1935.

Festuca ovina ssp. frigida f. rupicaprina Haek.

"(F. ovina v. alpina Neill. non Koch)" Bot. Centralbl. 8: 406. 1881.--"ssp. frigida var. rupicaprina Haek." same basis.

"(F. ovina v. alpina Neill. non Koch)." [F. alpina Suter]

Switzerland

Festuca ovina ssp. frigida var. rupicaprina subv. Haekelii St.-Yves, Candollea 5: 120. 1932.

Based on "var. rupicaprina Haek. S. Str."

Switzerland

Festuca ovina ssp. *frigida* var. *rupicaprina* subv. Lip-
skii St.-Yves, Bull. Jard. Bot. Acad. Sci. U.R.S.S.
30: 713. 1932. Also in Candollea 5: 120. 1932.

"Cauc. Prov. Terek distr. Maltshik: Hulamscek -
Pass, leg. Lipsky."

Russia - Europe

Festuca ovina ssp. *frigida* var. *Sommieri* St.-Yves,
Rev. Bret. no. 2. 44. 1927; Candollea 3: 371. 1928

"Caucasus: Svanétie, sommet du Latpari, entre les
fleuves Hippum et Jugur...Sommier et Levier It.
cauc. no. 1388."

Europe Russia

Festuca ovina var. *gaudini* Mutel, Fl. Franco. 4: 98.
1837.

"Crest, Dieulefit, Haguenau, etc. (Mut.)"

[France]

Festuca ovina var. *genuina* subv. *alpestris* Anderss. Fl.
Scand. Gram. 23. 1852.

Scandinavia

Festuca ovina var. *genuina* subv. *arenosa* Kraj. Acta
Bot. Bohem. 9: 187. 1930.

[Czechoslovakia. Vlad. Krajina]

[Czech. Exsicc. Cent. II]

Festuca ovina var. *genuina* subv. *barbulata* Haek. in
Bohlena, Sitzung. Böhm. Ges. Wiss. Math.-Nat. Cl.
1902: [pt.] 39: 30. 1902.

Montenegro "Ad Bar et Boljevidi"

Festuca ovina var. *genuina* subv. *breviaristata* Kraj.
Acta Bot. Bohem. 9: 187, 192. 1930.

f. *viridis* Kraj. 1.o.
f. *violascens* Kraj. 1.o.

"Bohemia occidentalis: Wolfstein, solo *serpentinica*
in utraque forma (f. *viridis* & f. *violascens*), et
Bauschenbacher Heide prope Mariánské Lázně, in forma
violascens (1924) leg. Domin."

Europe

Festuca ovina var. *genuina* subv. *capillifolia* Kraj.
Acta Bot. Bohem. 9: 187, 190. 1930.

"Slovakia: sub radiobus montium Bielské Tatry
(1919) leg. Domin."

Europe

Festuca ovina var. *genuina* subv. *eu-genuina* Kraj. Acta
Bot. Bohem. 9: 187, 190. 1930.

forma *viridiflora* Kraj. 1.o.
" variegata Kraj. 1.o. 188, 190.
" *breviculmis* Kraj. 1.o. 188, 190.
" *longiaristata* Kraj. 1.o. 188.
" *levifolia* (Fest. *ovina* ssp. *eu-ovina* var.
vulgaris subv. *laevifolia* Haek.) Kraj.
188, 190.

Czechoslovakia

Festuca ovina var. *genuina* subv. *glauca* Haek. in
Bohlena, Sitzung. Böhm. Ges. Wiss. Math.-Nat. Cl.
1902 [pt.] 39: 30. 1902.

Montenegro. Ad Velestovo in Katunska nahija."

Europe

Festuca ovina var. *genuina* subv. *montana* Anderss. Fl.
Scand. Gram. 23. 1852.

Scandinavia

Festuca ovina var. *genuina* subv. *saxatilis* Haek. in
Bohlena, Sitzung. Böhm. Ges. Wiss. Math.-Nat. Cl.
1902 [pt.] 39: 30. 1902.

Montenegro--Ad Bar et Boljevidi.

Festuca ovina var. *genuina* subv. *serpentinica* Kraj.
Acta Bot. Bohem. 9: 187, 190. 1930.

"Bohemia: ad Zlaté Koruny prope Český Krumlov solo
serpentinica (1926) leg. Krajina."

Europe

Festuca ovina var. *genuina* subv. *subglaucescens* (Haek.)
Kraj. Acta Bot. Bohem. 9: 187, 190. 1930.

Based on *Festuca ovina* var. *vulgaris* subv. *sub-
glaucescens* Haek.

Bohemia

Festuca ovina var. *genuina* subv. *sylvatica* Anderss.
Fl. Scand. Gram. 23. 1852.

Scandinavia

Festuca ovina var. *genuina* subv. *tatrensis* Kraj. Acta
Bot. Bohem. 9: 187, 192. 1930.

"Slovakia: in montibus Bielské Tatry in declivibus
orientalibus, loco Hušiva Diera dicto ad Tatranska
Kotlina, ...1928 leg. Krajina."

Europe

Festuca ovina var. *glauca* Fries, Nov. Fl. Suec. ed. 2.
13. 1828.

Sueciae

Festuca ovina var. *glauca* (Lam.) Koch, Syn. Fl. Germ.
Helv. 812. 1837. Not Fries, 1828.
Same comb. made by Doell, Fl. Bad. 1: 156. 1857.

Based on "F. *glauca* Schrad. ...Lam."

No F. *glauca* Schrad. in Cat. Man. uses (Lam.) Koch
Man. U. S.

dans l'Auvergne aux environs de Murat, en montant
au Cantal, pres de Thiezac

[France]

Festuca ovina var. *glauca* Blytt, Norges Fl. 143.
1861. Not Fries 1828, nor Koch 1837.

Scandinavia

Festuca ovina var. *glauca* subv. *elatio* Anderss. Fl.
Scand. Gram. 23. 1852. of. Fries, 1828.

Scandinavia

Festuca ovina var. *glauca* subv. *maritima* Anderss. Fl.
Scand. Gram. 23. 1852.

Scandinavia

Festuca ovina ssp. *glauca* var. *pallens* (Host) Kozłowska
Bull. Acad. Polon. Sci. & Lettres Cl. Sci. Math. &
Nat. Sér. B. (1925): 334. 1925.

Based on "Host pro subvar." Haek. gives this as
subvar. based on F. *pallens* Host.

Europe

Festuca ovina var. *glauca* subv. *pannonica* (Wulf.) St.-
Yves, Rev. Bret. No. 2. 29. 1927, in key.

Based on F. *ovina* subsp. *eu-ovina* var. *pannonica*
(Wulf.) Haek., which is based on F. *pannonica* Wulf.

Festuca ovina var. *glauca* subv. *sabulosa* Anderss. Fl.
Scand. Gram. 23. 1852. of. Fries, 1828.

Scandinavia

Festuca ovina var. *glaucescens* Link, Hort. Berol.
2: 266. 1833.

Cited: "F. *pallens* Hort. Berol. 1: 139. Frequen-
tissima *Festuca* circa Berolinum ubi a typo saepe
non distinguenda. Folia interdum villosula tum
vera est F. *cinerea* Cand. fr. 3. 51. secundum Vill.
delph. 2. 98."

Germany

Festuca ovina var. *glaucescens* G. Meyer, Chloris
Hanov. 619. 1836, without descr.

Cited: "Abbild. Engl. bot. t. 1917. (F. *caesia*)
"Festuca *ovina* var. *rorida* Wallr. Sched.
crit. p. 32.
Festuca *ovina* var. *caesia* Sm. Engl. fl. 1.
p. 139."

Europe

Festuca ovina var. *guestfalica* (Reichenb.) Richt.
Fl. Eur. 1: 93. 1890.

Based on *Festuca* *guestfalica* Boenningsh. ex Reichenb
Germany

Festuca ovina ssp. *hackelii* St.-Yves, Bull. Soc. Bot.
France 56: 356. 1909.

"M. Elisée Beverchon...en Espagne durant les années
1903, 1905, 1906 et 1907...no. 1220."

Spain

Festuca ovina var. *halleri* (All.) Fiori, Nuov. Fl.
Anal. Ital. 1: 91. 1908.

Italy

Festuca ovina var. *halleri* (All.) Fiori, Nuov. Fl.
Anal. Ital. 1: 135. 1923; same 1908.
"(All., 1785)" cited.

Italy

Festuca ovina var. *heteropachys* (St. Yves) Stohr,
Wissenschaftl. Zeitschr. Martin-Luther-Univ. Halle-
Wittenberg 9: 395. 1960.

[Mitteldeutschland]

Festuca ovina var. *hirsuta* (Host.) St. Amans, Fl.
Agen. 41. 1821.

(Same name without basis given in Wallr. Sched. Crit
1: 32. 1822.)

Based on "Festuca *hirsuta* Host."

Switzerland, Austria

Festuca ovina var. *hirsuta* (Host.) Link, Handb.
Erkenn. Gewächse 55. 1829.

Based on "F. *hirsuta* Host."

Europe

Festuca ovina var. *hirsuta* Lange, Consp. Fl. Greenland
[Medd. Grøn. 3]: 179. 1880.

"Paa tørre Steder i Bjergene hist og her, især
i V. Grøn. fra 80° til 60° f. Sukkertoppen
(Berggr.), Igaliko (Korn.)! Fredriksdal (V.)! o.fl.
St. (Wormskj., Breut.)! Grøn. (Sabine)."

Greenland

Festuca ovina var. *hirta* G. Meyer, Chloris Hanov.
619. 1836, without descr.

"Festuca *ovina* var. *villosa* Kunth and var. *hirsuta*
Wallr.!" cited as synonyms.

[Germany]

Festuca ovina var. *hirta* Neillreich, Fl. Nieder-Oesterr.
74. 1859.

Nieder-Oesterreich.

Austria

Festuca ovina var. *hispidula* (Hack.) Richt. Fl. Bur.
1: 93. 1890.

Based on *Festuca ovina* var. *vulgaris* subv. *hispidula* Hack.

"*F. sciaphila* Schur!"

Transilvania Europe

Festuca ovina var. *hordiformis* Sincl. Hort. Gram.
Wob. 36, with specimen. 1816.

Native of Britain

Festuca ovina var. *humilis* Hack. Mitt. Kaukas. Mus.
[Tiflis] 7: 204. 1913.

"*Svanetiae et Mingreliae confines ad latera jugi Natsontas* (2438 m.) 12 (25). VII. 1911. Leg. A. Schelkovnikov."

Russia

Festuca ovina ssp. *hystriocola* Hack. Ark. Bot. 8¹: 10.
1908.

Dusen, [5389 in Hack. Hb.]

"Puerto San Julian" Patagonia

Argentina

Festuca ovina ssp. *hystriocola* subv. *Dusonii* St.-Yves,
Candollea 3: 162. 1927.

ssp. *hystriocola* Hack. s. str. Spec. exam. Patagonie australe: Port San Julian, in campo, leg. Dusen no. 5380 sub *F. ovina* var. *hystriocola* Hack. (herb. Berlin)

Argentina

Festuca ovina ssp. *II hystriocola* subv. *pubispioula*
St.-Yves, Candollea 3: 162. 1927.

"Spec. exam.--Patagonie: Gouv. de Santa Cruz, bords du Rio Coyle, leg. L. Dauber no. 179. (herb. Par. et herb. St.-Y.)"

Argentina

Festuca ovina ssp. *hystriocopsis* St.-Yves, Candollea
3: 162. 1927, as syn. of *F. ovina* ssp. *hystriocola* Hack.

Argentina

Festuca ovina ssp. *indigesta* (Boiss.) Hack. Bot.
Centralbl. 8: 405. 1881; Monogr. Fest. Eur. 83, 99.
1882.

Based on *F. indigesta* Boiss.

Sierra Nevada, Spain.

Festuca ovina ssp. *indigesta* var. *Alleizettei* Litard.
Candollea 10: 125. 1945.

"Hab. on Gallia: Hautes-Pyrénées: Lourdes, in colibus supra urbem, ubi ol. Ch. d'Alleizette d. 29 maji 1930 invenit.--Typus in hb. R. Lit. et hb. d'Alleizette."

France

Aff. *F. ovina* ssp. *indigesta* var. *Molinieri* Litard.

Festuca ovina ssp. *indigesta* subv. *aragonensis* (Willk. & Lange) St.-Yves, Bull. Soc. Bot. France 72: 1003.
1925.

Based on *F. indigesta* var. *aragonensis* Willk. & Lange.

Aragon. Spain. Willk.

Festuca ovina ssp. *indigesta* var. *Boissieri* St.-Yves
ex Litard. Bull. Soc. Bot. France 84: 101. 1937,
incidental mention.

Europe

Festuca ovina ssp. *indigesta* var. *durissima* (Hack.)
St.-Yves, Bull. Soc. Bot. France 72: 998. 1925.

Based on *Fest. ovina* [eu-ovina] var. *duriuscula* subv. *durissima* Hack.

Pyrenaeis orientibus, (L. Godron); Vallée de Carança (L. Gautier). France

Festuca ovina ssp. *indigesta* var. *eu-indigesta* St.-
Yves, Candollea 1: 6. 1922.

[elaborated in Bull. Soc. Bot. France 72: (9/10):
995-1012, fig. 1-11. 1926.]

Festuca ovina ssp. *indigesta* var. *eu-indigesta* subv.
aragonensis (Willk. & Lge.) St. Yves, Candollea
1: 6. 1922.

Based on "subv. *aragonensis* Willk. et Lge. pro var. *F. indigestae* Boiss."

Festuca ovina ssp. *indigesta* var. *eu-indigesta* subv.
boissieri St.-Yves, Candollea 1: 6. 1922.

"*F. indigesta* Boiss. s. str. stricto" cited.

Algeria

= *F. indigesta* Boiss. basis of *F. ovina* ssp.
indigesta (Boiss.) Hack.

Festuca ovina ssp. *indigesta* var. *eu-indigesta* subv.
infesta (Hack.) St.-Yves, Candollea 1: 6. 1922.

Based on *F. infesta* Hack. in Batt. & Trab. nom. nud.

Algeria

Festuca ovina ssp. *indigesta* var. *hackeliana* St.-Yves,
Candollea 1: 62. 1922.

Based on *F. ovina* ssp. *hackelii* St.-Yves

Spain

Festuca ovina ssp. *indigesta* var. *heteroidea* Verg.
Bull. Soc. Hist. Nat. Toulouse 57: 182. f. 3. 1928.

"Habit.-Aude: Vallée de l'Aigrette, leg. Verguin, 2 juillet 1927.--Hautes-Pyrénées: leg. Mme Czeczott, 1927."

France

Festuca ovina ssp. *indigesta* var. *indigesta* (Boiss.)
St.-Yves, Bull. Soc. Bot. France 72: 1000. 1925.

Based on *F. indigesta* Boiss. Elench. 64 [1838] non Gren. & Godr. Fl. Fr., 3: 573. [1856]

France

Festuca ovina ssp. *indigesta* var. *indigesta* subv.
Boissieri St.-Yves, Bull. Soc. Bot. France 72: 1000.
1925.

Based on *F. indigesta* Boiss. s. str.

Spain

Festuca ovina ssp. *indigesta* var. *litardierei* St. Yves
p. 62 in index only, nom. nud.; St.-Yves, Candollea
1: 6, 62. 1922.

France

Festuca ssp. *indigesta* var. *litardierei* subv. *eu-litar-*
dierei St.-Yves, Candollea 1: 62 in index only
1922, nom. nud.

France

Festuca ovina ssp. *indigesta* var. *litardierei* subv.
horrida. St. Yves, Candollea 1: p. 62, in index
only 1922.

France

Festuca ovina ssp. *indigesta* var. *Molinieri* Litard.
Bull. Soc. Bot. France 84: 101. f. 1.-2. 1937.

"Andorrae: in jugo 'En Valira' dicto, ad alt. 2.410 m. R. Molinier 25 augusti 1936.--Typus in Herb. R. de Litardiere."

Andorra--Pyrenees--Spain

Festuca ovina ssp. *indigesta* var. *pinifolia* (Hack.)
St.-Yves, Candollea 1: 6, 62. 1922.

Based on *F. [ovina]* *pinifolia* Hack. [in Boiss. Fl. Orient. 5: 617. 1884.] "Hack. in Litt."

Asia Minor

Festuca ovina ssp. *indigesta* var. *pinifolia* subv. *phry-*
gia (Hack.) St.-Yves, Bull. Soc. Bot. France 72:
1009. 1925.

"*F. ovina* ssp. *Phrygia* Hack. et Bornm. nom. in herb. Bornm. It. anat. III, 1899, no. 5672." cited.

"Spec. exam.--Asie Mineure. Phrygie: Sultan Dagh, Bornm. Iter. anat. III, 1899, no. 5672 (herb. Coss., herb. Mus. Paris, herb. Deless., herb. Mus. Berlin)"

Festuca ovina ssp. *indigesta* var. *pinifolia* subv. *vera*
St.-Yves, Bull. Soc. Bot. France 72: 1008. 1925.

"Spec. exam.--Asie Mineure: Cilicie, Troade Liban" [more detailed locality to follow]

"= *F. pinifolia* Hack. apud Boiss. Fl. or. 5: 617 [1884]"

Asia Minor

Festuca ovina ssp. *indigesta* var. *pseudo-valentina*
Litard. & Maire ex Litard. Arch. Bot. Bull. Mens.
1: 51. 1927, without descr.

Described in Litard. & Maire, Mém. Soc. Sci. Nat. Maroc. 26: 47. 1930.

Grand Atlas (Dj. Aouldjid) (Lit. & Maire, 1926)

[northern Africa]

Festuca ovina ssp. *indigesta* var. *pseudovalentina*
Lit. & Maire, Fl. Afr. Nord. 3: 126. 1955.

"Lit. & Maire no. 198. 1931" only citation.

"Rameau inférieur de la panicule grêle et assez allongé. Gaines entières jusque vers le 1/3 inférieur. Feuilles 0.6-0.85 mm. diam."

North Africa

Festuca ovina ssp. *indigesta* var. *punctoria* (Sibth. & Smith) St.-Yves, Candollea 1: 6, 62. 1922; 3: 340.
1928.

"*F. punctoria* Sm." [Smith]

Mt. Olympion Asia Minor

Festuca ovina ssp. *infesta* (Hack.) Hochr. Ann. Congr. Jard. Genève 7-8: 121. 1904.

Based on *F. infesta* Hack.

Algeria

Festuca ovina var. *ingrata* Hack. ex Beal, Grasses N.
Amer. 2: 598. 1896.

Oregon, Howell

= *F. idahoensis* Elmer.

Man. U. S.

Festuca ovina var. *jumpeiana* Ohwi, Acta Phytotax. & Geobot. 10: 113. 1941.

"Hab. Manchuria (Great Chingan, leg. J. Sato, n. 2710)."

Asia

Festuca ovina ssp. *kandawana* Vetter, Repert. Sp. Nov. Fedde 48: 167. 1940.

"Zentral-Elburs: Matten am Nordhang des Kandawan-Passes, ca. 2800 m, 9. Juni 1937 (563)."

[Iran] [Rehinger, f. Coll.]

Asia

Festuca ovina var. *koreano-alpina* Ohwi, Acta Phytotax. & Geobot. 10: 111. 1941.

"Hab. in Korea boreali-orientali in regione alpina (m. Shajitsuho in Kannan, leg. G. Koidzumi--Typus)."

F. koreano-alpina Ohwi, mss. name, cited.
F. Halleri var. *levis* (non Aschers. et Graebn.) Honda, Mon. (1930) 46.

Festuca ovina var. *Kotschy* Hack. in Boiss. Fl. Orient. 5: 619. 1884.

"Hab. in oacumine monte Totschal props Teheran, Persiae borealis (Ky. 661)."

Festuca ovina ssp. *kotschy* var. *bormuelleri* (Hack.) St.-Yves, Rev. Bret. No. 2: 43. 1927; Candollea 3: 369. 1928.

Based on *F. ovina* ssp. *bormuelleri* Hack.

Persia

Festuca ovina ssp. *kotschy* var. *kotschy* (Hack.) St.-Yves, Rev. Bret. Bot. No. 2: 43. 1927.

Based on *F. ovina* ssp. *kotschy* Hack. in Boiss. Fl. or. 5: 619. 1884.

Persia borealis

Festuca ovina ssp. *kotschy* var. *kotschy* St.-Yves, Candollea 3: 367. 1928. See same 1927.

"Perse boreale: Mt. Totschal, Kotschy Fl. Pers. bor. No. 566!! ..."

Festuca ovina var. *laevifolia* (Hack.) Richt. Fl. Eur. 1: 93. 1890.

Based on *F. ovina* var. *vulgaris* subv. *laevifolia* Hack.

Europe

Festuca ovina var. *laevigata* (Gaudin) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 471. 1900.

Based on *F. duriuscula* var. *laevigata* Gaudin [1808]

Switzerland

Festuca ovina ssp. *laevis* Hack. Bot. Centralbl. 8: 405. 1881, without descr.) "Grosstentheils mediterran und alpin."; Monogr. Fest. Eur. 107. 1882.

"Polymorpha, continet varietates 5:"

Festuca ovina ssp. *laevis* var. *bungeana* St.-Yves, Bull. Soc. Bot. France 71: 41. 1924.

...."Asie: Altai In alpinis Ulbensibus herb. Bunge, no. 130 sub.: *Festuca nigrescens* Lamk."

Siberia; Mongolia

Festuca ovina ssp. *laevis* subv. *campana* (Terr.) Hack. ex Litard. Arch. Bot. Bull. Mens. 1: 60. 1927, without descr.

"Dorsale Tunisienne (Djebel Semata)."

Africa

Festuca ovina ssp. *laevis* var. *Chatenieri* Litard. Candollea 7: 215. 1937.

Alpes Dauphinoises

"....subalpinis Alpinum delphinensium (ditione 'Vercors'): monte 'Montuez', alt. 1600 m.s.m., ubi ol. C. Chatenier leg. d. 31 julii 1911.--Typus in Herb. C. Chatenier Musci historiae naturalis gratianopolitani, sub.: '*Festuca sulcata* Hack.'"

France

Festuca ovina ssp. *laevis* var. *dahurica* St.-Yves, Bull. Soc. Bot. France 71: 40. 1924.

"Asie, Daurie, leg. Turcz. Fl. baical. dah. herb. Bunge (herb. Coss.).--...."

Siberia

Festuca ovina ssp. *laevis* var. *dura* (Host) Hack. Bot. Centralbl. 8: 406. 1881; Monogr. Fest. Eur. 111. 1882.

Based on "*F. dura* Host!non Vill."

"Alpen - Region der mittleren Kette der Ostalpen. Westgrenze. Bormio."

Austria

Festuca ovina ssp. *laevis* var. *Embergeri* Litard. & Maire in Emb. & Maire, Mém. Soc. Sci. Nat. Maroc. 17: 13. 1927.

"In Quercetis montis Azrou."

L. Emberger & R. Maire, [northern Africa] coll. Atlas rifain June 1926.

Festuca ovina ssp. *laevis* var. *gallica* (Hack.) St.-Yves ex Litard. Bull. Soc. Roy. Bot. Belg. 55: 105. 1923.

Based on "subsp. *sulcata* var. *gallica* Hack."

France

["*gallica*" not in Hackel publications, must have been manuscript name]

Festuca ovina ssp. *laevis* var. *gallica* Hack. subv. Costei St.-Yves, Bull. Soc. Bot. France 71: 39. 1924.

"Habit.--France: Gironde, Ardèche, Isère, Hautes-Alpes, Savoie, Haute-Savoie, Pyrénées--Orientales, Aude.--Suisse: Tessin.--Espagne: Cerdagne et province d'Avila.--Italie: Alpes Bergamasques."

["*gallica*" Hack not in Hackel publications]

Festuca ovina ssp. *laevis* var. *gallica* (Hack.) subv. Hervieri St.-Yves, Bull. Soc. Bot. Belg. 55: 105. 1923.

Basis of "*gallica* Hack" not cited, not in Hackel publications.

[from St. Yves, Candollea 5: 114. 1932]

Festuca ovina ssp. *laevis* var. *genuina* Hack. Monogr. Fest. Eur. 108. 1882.

Based on "*F. duriuscula* Guss. Prodr. Fl. Sic. 102. (1827).--Synops. 86. (1842).--Parl. Fl. palerm. 198 (1845) non L."

Festuca ovina ssp. *laevis* var. *genuina* subv. *campana* (Terr.) Hack. Monogr. Fest. Eur. 109. 1882.

Based on *F. duriuscula* var. *campana* Terr.

Italy

Festuca ovina ssp. *laevis* var. *genuina* subv. *gracilis* Hack. Monogr. Fest. Eur. 109. 1882.

p. 110. "in oacuminibus montium Siciliae: Pizzo d'Antenna, Pizzo de Case etc. Nebrodum lgg. Quasone, Lojaco, Strobli.; sed etiam in regione inferiore pr. Caldarola in 'Limite lungo' lg. Ricci; M. Ragio Theodorus Cretae lg. Heldr."

Italy

Festuca ovina ssp. *laevis* var. *genuina* subv. Heldreichii Hack. Monogr. Fest. Eur. 109. 1882.

"in montibus Graeciae: M. Pateras, M. Cithaeron, M. Parnes, M. Hymettus (l. Heldreich, Orphanides), Parnassus (Berger), Kyllene (Fichler), Taygetos, M. Delphi Euboeae (Heldr.)."

Also in Asia minores etc. but none by Heldr.

Festuca ovina ssp. *laevis* var. *genuina* subv. *typica* Hack. Monogr. Fest. Eur. 109. 1882.

"Exs. *F. duriuscula* Todaro Fl. sic. exs. Nro. 444 et "var. *elata*" Tod. l.c. nr. 1233 (forma robustior).--Bourgeon Fl. Alp. Mar. 1861 nro. 371 ("rubra")."

"Subvar. in montosis elatioribus Italiae continentalis et insularis: raro in Hispania austro-orientali:....; in Alpinis maritimis et pedemontanis:...."

Festuca ovina ssp. *laevis* var. *genuina* subv. *villosula* Hack. Monogr. Fest. Eur. 109. 1882.

in M. S. Angelo supra Castellamare pr. Neapolim."

Italy

Festuca ovina ssp. *laevis* var. *Halleri* (All.) Hack. Bot. Centralbl. 8: 406. 1881; Monogr. Fest. Eur. 112. 1882.

Based on "*F. Halleri* All., Gaud.!"

Switzerland

Festuca ovina ssp. *laevis* var. *jeanpertii* St.-Yves, Bull. Soc. Bot. France 71: 42. 1924.

"Herbarii Cossonii Cl. custode 'Jeanpert' amico dicata."

Eur.; Asia

Festuca ovina ssp. *laevis* var. *kamtzatica* St.-Yves, Rev. Bret. no. 2: 42. 1927; Candollea 3: 365. 1928.

"Kamtzatoa: s. loc., Exp. Expl. Riabouchinsky, leg. Komarov 17-VI-1909 (herb. Berlin)."

Asia, U.S.S.R.

Festuca ovina ssp. *laevis* var. *laevis* (genuina) Hack. Bot. Centralbl. 8: 405. 1881.

"*F. duriuscula* Guss. Fl. Sic. non Koch." cited.

Sicily

Festuca ovina ssp. *laevis* var. *laevis* subv. *campana* (Terr.) Hack. Monogr. Fest. Eur. 109. 1882.

Based on *F. duriuscula* var. *campana* Terracciano.

Italy

Festuca ovina ssp. *laevis* var. *laevis* subv. *heldreichii* (Hack.) St.-Yves, Rev. Bret. no. 2: 42. 1927.

Based on *F. ovina* ssp. *laevis* var. *genuina* subv. *heldreichii* Hack.

(Orphanides, leg. Heldreich);

Greece, Asia Minor.

Festuca ovina ssp. *laevis* var. *laevis* subv. *heldreichii* f. *dasyantha* Litard. Candollea 10: 130. 1945.

"Hab. in Italia, M. Sant' Angelo, supra Castellamare di-Stabia, 1877, J. A. Pasquale, sub: *F. ovina* var. *glauca*, in hb. Gandoger, sub: '*F. neapolitana* Gdgr.!' "

Differs from subvar. *heldreichii* "par ses épillets velus."

Festuca ovina ssp. *laevis* var. *laevis* subv. *heldreichii* f. *villosula* (Hack.) Litard. Candollea 10: 130. 1945.

"Au Mte Sant' Angelo a été signalé aussi une forme a épillets velus [forma villosula (Hack.) R. Lit., nov. comb.] du var. *laevis* subvar. *typica* (Hack.) St.-Y."

Festuca ovina ssp. *laevis* subv. *latifolia* Trabut ex Litard. Arch. Bot. Bull. Mens. 1: 59. 1927, without descr.

"Algérie (Djebel Dreat)."

Festuca ovina ssp. *laevis* var. *marginata* Hack. Monogr. Fest. Eur. 108. 1882. (subv. typica)

"Chanturgues pr. Clermont-Ferrand lg. Fr. Hérivaud, Carrières de St. Parres les Tertres, leg?"

France

(subv. typica = var. *marginata* ipse)

Festuca ovina ssp. *laevis* var. *marginata* subv. *alopecuroides* Timb.-Lagr. in Hack. Monogr. Fest. Eur. 108. 1882. "Timb.-Lagr. Mss. ut spec."

"In Gallia centrali et australi: in Pyren. orient. pr. Font de Comps leg. Timb.-Lagrave."

France

Festuca ovina ssp. *laevis* var. *marginata* subv. *eu-marginata* St.-Yves, Bull. Soc. Bot. France 71: 41. 1924

"Subvar. typica Hack. Mon. p. 108 & subvar. Timballi Hack. l. c. coerces. Regl. Nom. art. 29."

Festuca ovina ssp. *laevis* var. *marginata* subv. *platyphylla* St.-Yves, Bull. Soc. Bot. France 71: 41. 1924.

"Habit.-France: Pyrénées-Orientales au valon de Ria, leg. Sennen (herb. Senn. et herb. Coste)."

Festuca ovina ssp. *laevis* var. *marginata* subv. *Timballi* Hack. Monogr. Fest. Eur. 108. 1882.

"In Gallia centrali et australi: Haute Garonne in collibus pr. Caramon, leg. Timb.-Lagr."

France

Festuca ovina ssp. *laevis* var. *marginata* subv. *transcaucasica* St.-Yves, Candollea 5: 115. 1932.

"Transcaucasie: Prov. de Baku, Distr. de Lenkoran: leg. Filipko 13 VII 1929 herb. Grossh. 4 p.); entre le Mt. Naduz-galasi et Kagoz, leg. Filipko 14, VII. 29 (herb. Grossh.); près Naduz-galasi, leg. Filipko 16. VII. 29 (herb. Grossh.)."

Eur. U.S.S.R.

Festuca ovina ssp. *laevis* var. *marginata* subv. *typica* Hack. Monogr. Fest. Eur. 108. 1882.

"In Gallia centrali et australi: Chanturgues pr. Clermont-Ferrand lg. Fr. Hérivaud, Carrières de St. Parres les Tertres leg.?"

France

Festuca ovina ssp. *laevis* var. *pedemontana* subv. *glaucescens* Hack. & Belli, Malpighia 14: 283. 1901.

"Da Frabosa Soprana a Bossea (Mondovì) 10, VI, 90, leg. Ferrar 1."

Italy--Herb. R. Ist. Bot. Torino

Festuca ovina ssp. *laevis* var. *pedemontana* subv. *planifolia* Belli, Malpighia 14: 283. 1901, without descr.

"Limone, in Valle di S. Giovanni (Alpi Marittime) 20, VI. 93, leg. Belli e Ferrar 1."

Italy--Herb. R. Ist. Bot. Torino

Festuca ovina ssp. *laevis* var. *Ruprechtii* Boiss. Fl. Orient. 5: 619. 1884.

"in regione alpina Caucasii orientalis, mons Diklo Tuschetias 9600' et montes Azunta et Borbale Chewsuriase... (Rupr!)."

Russia

Festuca ovina ssp. *laevis* var. *scardica* (Griseb.) St.-Yves, Rev. Bret. no. 2: 42. 1927.

Based on *F. ovina* var. *scardica* Griseb.

Scardi-Rumelia-Turkey

Europe

Festuca ovina ssp. *laevis* var. *stenantha* Hack. Monogr. Fest. Eur. 110. 1882.

Austria - Yugoslavia

Festuca ovina var. *lapidosa* Hack. in Degen, Fl. Veleb. 1: 546. 1936.

"Hack. in litt. 1909." [Descr. given has Hack. in parenthesis after it.]

"insula Pag. In lapidosis montis Kršina legit Stephan Kocsis d. 18. V. 1908. (Herrn Prof. Hackel als *F. glauca* f. *longearistata* Mitgeteilt)."

Yugoslavia

Festuca ovina var. *Lemani* subv. *hirtella* Podpěra, Květena Moravy 6: 144. 1926; Acta Soc. Sci. Nat. Morav. 2: 414. 1926. descr. in Czechoslov.

"Brno: ... V. Koutech u Evanovic (Weighart)."

Czechoslovakia

Festuca ovina var. "*levis*" (Hack.) Fiori, Nuov. Fl. Anal. Ital. 1: 135. 1923.

Based on *Festuca ovina* ssp. *laevis* Hack. spelled "*levis*" in Fiori

Italy

Festuca ovina var. *livida* Schur, Enum. Fl. Transsilv. 786. 1866.

"Auf Kalkfelsen: Kepellenberg bei Kronstadt, 1854."

Rumania

Festuca ovina var. *longearistata* Hack. in Albow, Prodr. Fl. Colch. 263. 1895. [Name given as Albow in Agr. Libr.--sent for revision to specialists well known, incl. Hackel]

"Circassia: m. Adzhituko ad rupes exselsiores, 2850m. (Nicolae & Alboff) 1893, no. 70."

U.S.S.R. Europe

Descr. given as: "Arista glumella multo longiore. Planta pumila dense caespitosa habitu fere Vulpiae scirpoides."

Festuca ovina var. *longiaristata* Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 470. 1900.

Cites: "forma longe aristata Hackel, Monogr. Fest. 91 [1882] This is given as: "Forma longearistata (ar. gluma dimidia longiore), transitum sistit ad subvarietatem crassifoliam" in synonymy under *F. ovina* subsp. *euovina* var. *duriuscula* subvar. *genuina*."

Europe

Festuca ovina var. *longifolia* Viv. ex Arcang. Comp. Fl. Ital. 791. 1882.

"Pascoli montuosi in Liguria." Italy

Festuca ovina var. *longifolia* (Thuill.) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 470. 1900.

Based on *F. longifolia* Thuill.

France

Festuca ovina f. *luteola* Hiltunen, Suomen Kasvis 213. 1933. nom. nud.

Finland

Festuca ovina ssp. *magellanica* (Lam.) St.-Yves, Candollea 3: 163. 1927.

Based on *F. magellanica* Lam.

Commerçon, detroit de Magellan

S. Amer.

Festuca ovina var. *magellanica* (Lam.) Hack. in P. Dusén, Svenska Exped. Magell. 3⁵: 228. 1900.

Based on *Festuca magellanica* Lam.

detroit de Magellan

(Commerçon) S. Amer.

Festuca ovina var. *magellanica* subv. *laevigulata* Hack. ex Maclosk. & Dusén, Rep. Princeton Univ. Exped. Patagonia 8(Suppl.): 61. 1915.

"S. Patagonia, Coy Inlet" [John B. Hatcher]

Festuca ovina ssp. *magellanica* var. *Lamarckiana* St.-Yves, Candollea 3: 163. 1927.

subv. *eu-Lamarckiana* St.-Yves l.c. 163.

"*F. magellanica* Lamk. l.c. s. str."

Spec. exam. Patagonie... Iles Falkland

Argentina

Festuca ovina ssp. *magellanica* var. *Lamarckiana* subv. *jamesonii* St.-Yves, Candollea 3: 166. 1927.

"Equateur: Andes de Quito---Jameson Fl. aeq. no. 230 (herb. DC.); sommet du Pichincha, Jameson Fl. Aeq. no. 56. (herb. DC.)"

Equador

Festuca ovina ssp. *magellanica* var. *wilczekii* St.-Yves, Candollea 3: 168. 1927.

"*F. ovina* var. *antarctica* Hack.?"

"Rep. Argentine: Piedra del Burrero Wilczek Fl. arg. No. 572."

Festuca ovina var. *major* Link, Handb. Erken. Gewächse 1: 55. 1829.

"*F. duriuscula* Linn. Roem. Sch." cited.

"In nördl. u. mittlern Europa, Deutschland."

Festuca ovina var. *major* Sond. Fl. Hamburg. 62. 1851.

Hamburg

Germany

Festuca ovina var. *major* subv. *hirta* G. Meyer, Chloris Hanov. 620. 1836, without descr.

"Abbild. Host [Gram. austr.] 2. t. 85 (*F. hirsuta*). Syn. *Festuca duriuscula* var. *villosa* Kunth [Agrost. 1.] p. 400.

F. ovina var. *villosa* Schrad. Fl. Germ. 1. p. 320."

Germany

Festuca ovina ssp. *makutrensis* (Zapal.) Kozlow. Bull. Acad. Polon. Sci. Lettres Cl. Sci. Math. & Nat. Ser. B.(1925): 341. 1925.

Based on *Festuca makutrensis* Zapal

Poland

Festuca ovina ssp. *makutrensis* f. *obtecta* (Zapal.)
Kozlow. Bull. Acad. Polon. Sci. Lettres Cl. Sci.
Math. & Nat. Sér. B. (1925): 341. 1925.

Based on *F. makutrensis* var. *obtecta* Zapal.
Misspelled "oblecta" in Kozlow.

Festuca ovina var. *Malzewi* Litw. Sched. Herb. Fl.
Ross. 5: 18. 1905.

"Prov. Irkutsk (Siberia), distr. Balagansk. In
locis siccis ad fl. 1ret. pr. p. Bashejewsky. 30
Jun. 1903. Legit N. Malzew."

Exsicc: Herb. Fl. Ross. no. 1250.

Festuca ovina ^{var.} *matthewsii* Hack. Trans. & Proc. New
Zeal. Inst. 35: 385. 1903.

[made var. *eu-Matthewsii* Howarth, Journ. Linn. Soc.
Bot. 48: 65. f. 6, 7. 1928.]

"Mount Bonpland, Otago, leg. H. J. Matthews (hb.
Cheesem. 1496).

New Zealand

Festuca ovina ssp. *matthewsii* var. *grandiflora* Howarth,
Journ. Linn. Soc. Bot. 48: 66. 1928.

N. Z. "Lyttelton and Port Hills, (Wall. 7 & 9, Herb.
Kew., Petrie, X 2); Freeman River, Otago. J. Crosby
Smith leg. (Herb. Kew, Petrie, X 3)."

New Zealand

Festuca ovina var. *micrantha* Schur, Enum. Fl.
Transsilv. 786. 1866.

"Auf Mauern und Felsen bei Kronstadt. Kalk."
Rumania

Festuca ovina var. *minutiflora* (Rydb.) Howell, Leaflet.
West. Bot. VI. (7): 151. 1951.

Based on *F. minutiflora* Rydb.

Cameron Pass, Colorado. Baker

= *F. ovina* [Too late for Man. 1951.]

Festuca ovina var. *montana* Schur, Enum. Fl. Transsilv.
786. 1866.

"Auf der Piatra-mare bei Kronstadt, Kalkfelsen bei
Orlath."

Rumania

Festuca ovina var. *morisiana* (Parl.) Fiori, Nuov. Fl.
Anal. Ital. 1: 91. 1908.

"Morisiana (Parl.)" cited.

Italy

Festuca ovina var. *morisiana* (Parl.) Fiori, Nuov. Fl.
Anal. Ital. 1: 136. 1923. See 1908.

F. "Morisiana (Parl., 1844)" cited.

Italy

Festuca ovina var. *mutica* With. Bot. Arr. Brit. Fl.
ed. 2. 1: 97. 1787.

Cites: "Stillingsf. 8.--Leers 8. 4. I--Scheuch. 6. 6."
[Brit. Isles]

Festuca ovina var. *mutica* Boreau ex Delastre, Fl.
Depart. Vienne 489. 1842. Not With. 1787.

[France]

Festuca ovina var. *mutica* Coss. & Germ. Fl. Env.
Paris 2: 651. 1845. Not With. 1787.

"*F. capillata* Lam. ... *Poa capillata* Merat." cited.
France

Festuca ovina var. *mutica* Parl. Fl. Ital. 1: 435. 1848.
Not With. 1787.

"*F. tenuifolia* Sibth. Oxon. p. 44. Dec. fl. franco. 6.
p. 264.
F. ovina var. *Roem. et Schult. syst. veg. 2. 714.*
[unnamed var.]" cited.

Italy

Festuca ovina var. *memoralis* Wimm. & Grab. Fl. Siles.
1: 83. 1827.

"in sylvis umbrosis" [Silesia. Germany]

Festuca ovina var. *nipponica* Ohwi, Acta Phytotax. &
Geobot. 10: 111. 1941.

"Hab. Yezo, Honjo, Shikoku, Kiushiu (Usagiotoshi in
montibus Tsurumi in Bungo, leg. Z. Tashiro--Typus)."

Japan

Festuca ovina var. *novae-zelandiae* Hack. Trans. & Proc.
New Zealand Inst. 35: 384. 1903.

"Canterbury Alps.--montis Torlesse, leg. Cheeseman
(nro. 1497 sub nomine *F. duriusculae* L.

New Zealand

Festuca ovina subsp. *novae-zelandiae* Hack. var. *eu-*
novae zelandiae subv. *pruinosa* Howarth, Journ.
Linn. Soc. Bot. 48: 64. 1928.

N. Z. "Mt. Herbert--(Wall 2); Port Hills--(Wall 4);
Hammer Plains--(Wall 11); Mt. Hutt--(Wall 20);
Maniototo Plain, Eastern Otaga (Wall 132)."

New Zealand

Festuca ovina ssp. *novae-zelandiae* var. *grandiflora*
Howarth, Journ. Linn. Soc. Bot. 48: 64. 1928.

New Zealand--"Mt Herbert---(Wall 4)"

New Zealand

Festuca ovina var. *ochroleuca* subv. *bigorronensis*
St.-Yves, Bull. Soc. Bot. France 71: 34. 1924.

"France: Hautes-Pyrénées, très abondant de Luz à
Gèdre sur les rochers et les vieux murs (herb. St.-
Y.)."

Festuca ovina var. *oregona* Hack. ex Beal, Grasses N.
Amer. 2: 599. 1896.

"Oregon, Cusick in 1884. U. S. Dept. Agric. 753"

= *F. idahoensis* Man. U. S.

Festuca ovina ssp. *ovina* (L.) Sowerby & Smith, English
Botany ed. 3. 1863-72. Suppl. to ed. 3. t. 457.
1892-3; Hubbard, C. E. in Clap., Tutin & Warb. Fl.
Brit. Isles 1426. 1952.
England

Festuca ovina ssp. *ovina* var. *duriuscula* var. *trachyphy-*
lla (Hack.) Maire, Fl. Afrique Nord 3: 126. 1955.

Based on *Fovina* ssp. *euovina* var. *duriuscula* svar.
trachyphylla Hack.

Herceynia

Festuca ovina ssp. *ovina* var. *Embergeriana* Lit.
1936.

Festuca ovina ssp. *ovina* var. *font-queriana* St. Yves,
Cavanillesia 2: 55. 1929.

N. Africa

f. *pubescens* St. Yves l.o.
f. *glabra* St. Yves l.o.

Festuca ovina ssp. *ovina* var. *font-queriana* f. *pubescens*
St. Yves Cavanillesia 2: 55. 1929.

N. Africa

Festuca ovina ssp. *ovina* var. *glauca* subv. *meorophylla*
St. Yves, Fest. Alp. 78. 1913.

Maire, Fl. Afr. Nord 3: 126. 1955.

L. et M. no. 198.

Festuca ovina ssp. *ovina* var. *maroccana* St. Yves,
Clav. Anal. Fest. Vet. Orb. 30. 1927; L. & M.
198. 1931.

Festuca ovina ssp. *ovina* var. *maskerensis* Litard.

15: 262. 1936.

Festuca ovina ssp. *ovina* (L.) J. D. Kook. var.
sauvagei R. Lit. Bull. Soc. Sc. Nat. & Phys. Maroc.
1955: 139.

"affine---var. *occitanica* R. de Lit. "

"Haut Atlas de l'Ahansal. Tizi n'Tmirite, Akka
n'Tazarrte."

Festuca ovina ssp. *ovina* var. *valentina* St. Yves, Bot.
Soc. France 72: 1010. 1925.

subvar. *macrathera* St. Yves Cavanillesia 4: 25.
1931.

Festuca ovina ssp. *ovina* var. *weileri* Litard. Bot.
Soc. H.N. Afr. Nord. 31: 70. 1940.

Festuca ovina var. *paludosa* (Gaudin) Alefeld, Landw.
Fl. 354. 1866.

Based on *Fest. paludosa* Gaudin
Switzerland

Festuca ovina var. *pandiflora* subv. *rigidifolia* Hack.
in Beck v. Mann.

Coll. Kummerle

Festuca ovina var. *pannonica* (Host) Koch, Sya Fl.
Germ. Helv. 813. 1837.

Based on *F. pannonic* Host.
Austria, Pannonia

Festuca ovina var. *pannonica* (Wulf.) Neillreich, Fl.
Nieder-Oesterr. 74. 1859.

Based on "*F. pannonic* [Wulf ex Host]... M.u.K...
Reichenb."

Austria

Festuca ovina var. *pauciflora* Kummer & Sendtn.
Flora 32: 756. 1849.

"In ascensu a Poljane versus pagum Borovizza
(71. c.)."

Jugoslavia

Festuca ovina var. *pauciflora* Zodda, Webbia 14: 218.
1958. Not Kummer & Sendt. 1849.

Teramana, Italy

Festuca ovina var. *pinifolia* Hack. in Boiss. Fl.
Orient. 5: 617. 1884. "Hack. in litt."

"Hab. in regione alpina montis Akdagh Lyciae (Ky.
272), Tauri Cilicici (Bal! Ky. 126! et 352!),
Libani ad Djord Arascha (Ky. 306!) et supra Eden
(B1!)."

Asia Minor

Festuca ovina var. *polita* (Hack.) Halae. Cons. Fl.
Graso. 3: 401. 1904.

Based on *F. striata* var. *polita* Hack. in Heldr.
herb. gr. norm. n. 1398 [probably a list, unpub-
lished]

"In saxosis regionis alpinae Mt. Korax Aetoliae
(Tunt.)."

Greece

Festuca ovina ssp. *polycoclea* (Stapf) St.-Yves, Rev.
Bret. no. 2: 22, 45. 1927.

Based on *Fest. polycoclea* Stapf

Nepal, Wallioh. Sikkim J. D. Hooker

Festuca ovina ssp. *polycoclea* var. *brevis* (Stapf)
St.-Yves, Rev. Bret. no. 2: 22, 46. 1927.

Based on *Festuca polycoclea* var. *brevis* Stapf in
Hook.f. "Sikkim Himalaya" India.

[Referred by Hackel (Monog. Festuo. Eur. 89) to
F. ovina var. *supina*, but evidently only a dwarfed
state of *F. polycoclea*.] Stapf]

Festuca ovina ssp. *polycoclea* var. *eu-polycoclea* (Stapf)
St.-Yves, Rev. Bret. no. 2: 22, 46. 1927.

Based on *Festuca polycoclea* Stapf in Hook.f.

Regiones Sikkimensis et Nepalensis

India

Festuca ovina ssp. *polycoclea* var. *pseudo-supina* Vetter,
Oesterr. Bot. Zeitschr. 85: 64. 1936, incidental
mention under *Festuca pseudo-supina* Vetter as
follows: "Nach der weiteren von St.-Yves vertreten-
en Artauffassung müsste dieser Typus als *Festuca*
ovina L. ssp. *polycoclea* (Stapf) St.-Yves var. *pseudo*
supina Joh. Vetter bezeichnet werden."

Based on *Festuca pseudo-supina* Vetter

Greece

Festuca ovina var. *polyphylla* Vasey ex Beal, Grasses
N. Amer. 2: 597. 1896.

"Oregon, Howell & Henderson."

= *F. occidentalis* Hook. Man. U. S.

Festuca ovina var. *praticola* Schur, Enum. Fl.
Transsilv. 787. 1866.

"Auf Wiesen, im jungen Walde bei Hermannstadt. Jul."

Rumania

Festuca ovina var. *psammophila* (Hack.) Kozłowska, ex
Nakai, Bull. Nat. Sci. Mus. 31: 138. 1952.

No basis given

"Korea" in Nakai

Festuca ssp. *glauca* var. *psammophila* Hack. pro sub-
var. "Pologne méridionale. Environs de Krzemie-
niec, Léopol, Rawa Ruska, Janow, Sandomierz, Mało-
goszoz, Olkusz." Hack. in Kozłowska, Bull. Acad.
Polonaise 1925: 335. 1925, presumably the basis.

Festuca ovina var. *pseudovina* subv. *rutila* Hack. ex
Kneuck. Allg. Bot. Zeitschr. 7: 76. 1901, without
descrip.

"Kneuck. Gram. Exs. 148...leg A. v. Degen in 1900."

"Auf Natron auswitterndem Lehm Boden zw. Szolnok
und Tápió-Györgye im Komitat Fász-Nagykim-Szolnok."
[J]

Hungary

Festuca ovina ssp. *pseudovina* var. *tenuissima* (Hack.)
Kozłow Bull. Acad. Polonaise 341. 1925.

"pro subvar. -"

[*Festuca ovina* subsp. *sulcata* var. *pseudovina*
subvar. *tenuissima* Hack.]

"Hungaria austral. (Banatus) et centralis (Erdö-
Bény), Rossia australis (Kursk.)."

Festuca ovina var. *pubescens* Delastre, Fl. Depart.
Vienne 489. 1842.

"La Pinterie, la Rouerie (P.)."

[France]

Festuca ovina var. *pubiculmis* (Hack.) Aschers. &
Graebn. Syn. Mitteleur. Fl. 2: 470. 1900.

Based on *F. duriuscula* var. *pubiculmis* Hack.

Bohemia

Festuca ovina var. *pubiculmis* Ohwi, Acta Phytotax. &
Geobot. 10: 110. 1941. Not Aschers. & Graebn.
1900.

"Hab. Hondo (m. Mayasan in Settsu, leg. Z. Tashiro
--Typus), Shikoku, Kiushu, Yezo, Kuriles australes,
et Korea."

Japan

Festuca ovina var. *purpurascens* (Hayata) Honda, Journ.
Fac. Sci. Univ. Tokyo Sect. III, Bot. 3: 50. 1930.

Based on *F. ovina* var. *vulgaris* f. *purpurascens*
Hayata, Journ. Coll. Sci. Imp. Univ. Tokyo 30: 408.
1911.

Monte Morrison Formosa

Festuca ovina var. *pyrogaea* (Speg.) Hack. in Skottsb.
Miss. Ergebn. Schwed. Sudpolar Exped. 4: 7. 1906.

Based on *Festuca pyrogaea* Speg.

[Plantae per Fuegiam a Carolo Spegazzini anno
1882.]

Festuca ovina var. *remota* Hack. in Boiss. Fl. Orient.
5: 619. 1884. "Hackel in litt."

"Hab. in Afghanistan caerulea Koh Baba... (Griff.),
ad Sikaram... (Aitch. 1256). Crescit quoque in
Tibetia."

Festuca ovina var. *rigidula* Schrad. Linnaea 12: 457.
1838.

"*Festuca ovina* Schrad. Germ. var. α Host. Gram.
2. t. 84." cited.

Austria

Festuca ovina var. *rohlena* Kraj. Acta Bot. Bohem.
9: 187, 192. 1930.

subv. *typica* Kraj.: Bohemia in valle Radotínské
údolí prope Praha et ad sv. Ivan prope Karlštejn
(1902) leg. Domin; Velka Hora prope Karlštejn solo
calcareo (1904) leg. Domin; inter Lysá et Čelákovice
(1926) leg. Krajina; Zlatá Koruna-Dívčí Kámen prope
Český Krumlov (1926) leg. Krajina."

Czechoslovakia

Festuca ovina var. *rohlena* subv. *bohemia* Kraj. Acta
Bot. Bohem. 9: 188, 192. 1930.

"Bohemia: in montibus České Středohoří in Sandhůne
prope Ústék solo arenoso (1903) leg. Domin."

Festuca ovina var. *rorida* Wallr. Sched. Crit. 1: 32.
1822.

Halle, Germany

Festuca ovina var. *rubra* J. E. Smith, Engl. Fl.
1: 139. 1824, without descrip.

"*Festuca rubra* With. 153; from the author." cited.

Festuca ovina ssp. *rubra* (L.) Hook. Stud. Fl. ed. 3.
497. 1884.

Based on *F. rubra* L.

Europe

Festuca ovina ssp. *rubra* var. *arenaria* (Osb.) Hook.
Stud. Fl. ed. 3. 497. 1884.

Based on *F. arenaria* Osb. 1805. Not Lam. 1791.

Scandinavia

Festuca ovina var. *rupicaprina* (Richt.) Fiori, Muov.
Fl. Anal. Ital. 1: 135. 1923.

"*F. frigida* v. *rupio*. Hack. (1882) } cited
"rupicaprina (Richter, 1890) }
F. frigida Hack. Bot. Centralbl. 8: 406. 1881,
non nud.; *F. ovina* ssp. *frigida* Hack.
Monogr. Fest. Eur. 114. 1882.
F. rupicaprina (Hack.) Beck. Fl. Nieder-Oesterr.
1: 104. 1890 "als var. der *F. ovina*."

Festuca ovina var. *sabulosa* Schur, Enum. Fl.
Transsilv. 786. 1866.

"Auf Sandboden zwischen Salzburg und Mandra."

Austria

Festuca ovina ssp. *saximontana* (Rydb.) St.-Yves,
Candollea 2: 245. 1925.

Based on *F. saximontana* Rydb.

Man. U. S.

Banff, Alberta, Canada.

W. C. MacCalla 2331.

Festuca ovina L. var. *saximontana* (Rydb.) Gleason,
Phytologia 4: 21. 1952.

Based on *F. saximontana* Rydb. 1909.

= *F. ovina* L.

Banff, Canada MacCalla 2331.

Festuca ovina ssp. *saximontana* var. *purpusiana* St.-Yves,
Candollea 2: 247. 1925.

"California, Farwell Gap, leg. Purpus, Fl. Calif.
no. 3076 et Fl. S. Calif. no. 5117."
(herb. Mus. Paris)

= *F. ovina* var. *brachyphylla* Man. U. S.

Festuca ovina ssp. *saximontana* var. *Rydbergii* St.-Yves,
Candollea 2: 245. 1925.

F. saximontana Rydb. l.o.s. stricto = *F. pseudovina*
aut. americ. non Hack.

= *F. ovina* L.

Banff, Canada MacCalla 2331.

Festuca ovina ssp. *scabrescens* (Hack.) Lindberg, Acta Sci. Soc. Fenn. n. ser. B. 1: 16. 1932.

Based on *F. scabrescens* Hack.
Morocco

Festuca ovina var. *scabrifolia* (Hack.) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 473. 1900.

Based on *F. glauca* var. *scabrifolia* Hack.
Bohemia

Festuca ovina var. *scardica* Griseb. Spic. Fl. Rum. 2: 432. 1844.

"In regione alpina Scardi..."
Rumelia Turkey Europe

Festuca ovina var. *scioaphila* (Schur) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 468. 1900.

Based on *F. scioaphila* Schur.
Hermannstadt, Rumania

Festuca ovina var. *secunda* Griseb. Spic. Fl. Rum. 2: 432. 1844.

"In regione montana Macedoniae, Thraciae: in M. Peristeri... in Rhodope pr. Cariova (Priv.)"
Turkey Europe

Festuca ovina ssp. *sipylea* Hack. in Borm. Mitt. Thüring. Bot. Ver. N. F. 24: 128. 1908.

"leg. Bormüller 10. VI. 1906, no. 10165."
"Lydia; in monte Sipyle."
Asia Minor

Festuca ovina var. *stenantha* (Hack.) Fiori, Nuov. Fl. Anal. Ital. 1: 135. 1923.

Based on *F. ovina* *levis* [laevis] var. *stenantha* Hack.
Austria Jugoslovakia

Festuca ovina f. *straminea* Honda, Bot. Mag. Tokyo 51: 58. 1937.

"*Panicula stramineo-viridis*"
Japan. Mōsuyū---prov. Sinano

Festuca ovina var. *stricta* (Host) Link, Hort. Berol. 2: 266. 1833.

Based on *F. stricta* Host
Austria

Festuca ovina var. *stricta* (Host.) Hack. in Rohlena, Sitzungs. Böhm. Ges. Wiss. Math.-Nat. Cl. 1902 [pt.] 39: 30. 1902. [Comb. Link 1833.]

Based on "(*F. stricta* Host.)"
Montenegro

Festuca ovina var. *stricta* (Host) Hack. subv. *polita* Hack. in Rohlena, Sitzungs. Böhm. Ges. Wiss. Math.-Nat. Cl. 1902 [pt.] 39: 30. 1902.

"In saxosis ad Bar. Montenegro

Festuca ovina var. *subalpina* Schur, Enum. Fl. Transsilv. 786. 1866.

"Kalkfelsen, auf der Pietra-mare bei Kranstadt 5000"
Rumania

Festuca ovina ssp. *sulcata* Hack. Bot. Centralbl. 8: 405. 1881. (*F. duriuscula* Host non L.); Monogr. Fest. Eur. 100. 1882.

1882-"*F. duriuscula* Hack. in Act. Mus. nat. hung. II. 286. 1878." [that is, *F. duriuscula* L. misapplied by Hack. in 1878.]

"subspecies polymorpha"--in Europa praesertim austro-orientali." 7 vars.

not *F. ovina* ssp. *eu-ovina* var. *duriuscula* (see Hack. Mon. p. 90) nor *F. duriuscula* L. Sp. Pl. 1: 74. 1753. (see Hack. p. 216).

Festuca ovina var. *sulcata* subv. *asperima* Stapf, Denkschr. Akad. Wiss. Math. Naturw. (Wien) 50: 10. 1885.

"In declivibus montis Elwend supra Gendjname. (10.VI.)."

Festuca ovina ssp. *sulcata* var. *Callieri* Hack. ex St.

Yves, Bull. Soc. Bot. France 71: 37. 1924, no description of var. but says subvar. *eu-Callieri* differs from subvar. *conferta* and gives description of *conferta*; St. Yves, Rev. Bret. no. 2. 38. 1927, described in key, but subvar. *conferta* was described under this var. in 1924.
"subvar. *eu-Callieri* St.-Yves = var. *Callieri* Hack. l. o. s. str."

St. Yves cites the following as if place of publication: "Hack. Sched. in Herb. norm. Dorflier, no. 3392, s. lato." [Exsiccatae?]

Festuca ovina ssp. *sulcata* var. *dalmatica* Hack. Bot. Centralbl. 8: 405. 1881; Monogr. Fest. Eur. 102. 1882.

Dalmatien, Serbien, Ungarn.

"Dalmatia: M. Vernaz pr. Cattaro, lg. Pichler"... [first cited]

Jugo Slavia

Festuca ovina ssp. *sulcata* var. *dalmatica* subv. *eu-dalmatica* St.-Yves, Bull. Soc. Bot. France 71: 36. 1924.

Based on "var. *dalmatica* Hack. s. str."

Festuca ovina ssp. *sulcata* var. *dalmatica* subv. *eu-dalmatica* f. *fluminensis* St.-Yves, Bull. Soc. Bot. France 71: 36. 1924.

Cites: "*F. ovina* var. *fluminensis* Sadler, nom. in herb."

"Habit.-Croatie: Fiume, herb. Sadler, no. 14 (ex herb. Moricand in herb. Deless.)."

Festuca ovina ssp. *sulcata* var. *dalmatica* subv. *syriaca* Hack. ex St.-Yves. Rev. Bret. Bot. 2: 36. 1927.

Based on "subvar. *syriaca* Hack. ap Boiss. Fl. or. 5: 618.

"Syria"

Festuca ovina ssp. *sulcata* var. *dalmatica* subv. *taurica* (Kern. ex Hack.) St.-Yves Rev. Bret. Bot. 2: 36. 1927.

Based on *F. ovina* ssp. *sulcata* var. *taurica* Kern. ex Hack.

"*Taurica*--ad fl. Kastowata pr. Braakie (l. Helm)."

Festuca ovina ssp. *sulcata* var. *Duvallii* St.-Yves, Bull. Soc. Bot. France 71: 38. 1924.

"Palatinat: Durockheim, leg. Duval-Jouve sub.: "*F. glauca* Schrad. (herb. Chab. et herb. St.-Y.), exsic. Billot, no. 2978 sub: *F. glauca* (herb. Mus. Paris, herb. Deless., herb. Chassagne)."

Germany

Festuca ovina ssp. *sulcata* var. *genuina* Hack. Monogr. Fest. Eur. 104. 1882. subv. *typica* Hack. op. cit. 105.

"*Rossia orient.* (Jamantau in Uralo, Guberlinsk et Nikolsky in Gouv. Orenburg) et *australis* (Serepta); ..."
[wide distribution Austria, Jugoslavia, Rumania-Germany]

Cited as synonyms:
F. duriuscula Host, Gram. austr. 2: pl. 83. non L.
F. ovina v. *duriuscula* Neill. Fl. v. N. Oe. 73, non Koch, Syn.
F. ovina v. *glauca* et v. *pannonica* Griseb. Spicill. Fl. rum. II. 432 et 33 (1844)

Festuca ovina ssp. *sulcata* var. *genuina* subv. *barbulata* Hack. Monogr. Eur. 105. 1882.

"*Rossia boreali-orientali*" to Hungary-Jugoslavia-Austria.

Festuca ovina ssp. *sulcata* var. *genuina* subv. *glauca* Hack. Monogr. Fest. Eur. 106. 1882.

"*Austria inferiori* (St. Polten)"

Festuca ovina ssp. *sulcata* var. *genuina* subv. *hirsuta* (Host) Hack. Monogr. Fest. Eur. 105. 1882.

Based on *F. hirsuta* Host.
Austria

Festuca ovina ssp. *sulcata* var. *genuina* subv. *hispidula* Hack. Monogr. Fest. Eur. 106. 1882.

"*Hungaria centrali*---Serbia et Bosnia"

Festuca ovina ssp. *sulcata* var. *genuina* subv. *saxatilis* (Schur) Hack. Monogr. Fest. Eur. 105. 1882.

Based on *F. saxatilis* Schur.
Rumania

Festuca ovina ssp. *sulcata* var. *hypsochila* St.-Yves, Candollea 5: 111. 1932.

"*F. Kryloviana* Reverd. Anim. Syst. Herb. Univ. Tomsk No. 2, p. 3 [1927]? p. parte"

"Sibérie. Altai: in valle fl. Buhtarma, leg. K. Tjumentzev 1914, Fl. Siber. exs. Herb. Un. Tomsk. determ. Reverd. "*F. Kryloviana* var. *typica* m. Xil. 1928" (herb. Deless.)."

"Transcaucasie." Many specimens cited.

"D'après nos échantillons le var. *hypsochila* habite exclusivement la Transcaucasie."

Festuca ovina ssp. *sulcata* var. *Paniculiana* Hack. Bot. Centralbl. 8: 405. 1881; Monogr. Fest. Eur. 106. 1882.

1881: "Serbien, Bosnien, Banat, Kroatien."

1882: "In ... Serbie (M. Stol, Sucha planina, Kozji Rid, Kapoanik etc. l. Panic.)"

[type examined in Vienna]

Balkan Peninsula

Festuca ovina ssp. *sulcata* var. *paucoflora* St.-Yves, Rev. Bret. No. 2. 37. 1927.

Based on *Festuca ovina* var. *paucoflora* Kummer & Schindt.
Bosnia

Festuca ovina ssp. *sulcata* var. *paucoflora* subv. *fugacipila* St. Yves, Bull. Soc. Bot. France 71: 37. 1924.

"Galicie: près Lemberg, leg. Blocki sub.: "*F. sulcata* Hack. forma *glauca*" (herb. St.-Y.).--Moravie: Fichtenwald près Domstadt, leg. Laus. (herb. R. Lit.)."

Galicia. Eur.

Festuca ovina var. *temuifolia* Bab. Man. Brit. Bot.
372. 1843. (? not J. E. Smith, 1824.)

Eng. Scot. Ireland "On mountains."

Festuca ovina var. *temuifolia* Vasey in Wheeler, Rep.
U. S. Surv. W. 100th Merid. 6: 292. 1878, without
desor.

"South Park, Colorado, 1873 (1151)" [Wolf, Coll.]

Festuca ovina var. *temuifolia* Dub. ex Litard. Arch.
Bot. 1: 62. 1927, without desor. Not J. E. Smith,
1824.

"Algérie (Djebel Bou-Thabel)-

Festuca ovina var. *trachyphylla* (Hack.) Druce, List
Brit. Fl. 83. 1908. No citation nor description
given.

Presumably based on [*F. ovina* ssp. *eu-ovina* var.
duriuscula subv. *trachyphylla* Hack.]

Herceyria

Festuca ovina ssp. *transagana* Hack. Bol. Soc.
Broteriana 20: 183. 1905.

"Alte (Moller, VI, 1884)."

Portugal

Festuca ovina var. *turfosa* Mgf.-Dbg. in Stohr, Wissen-
schaft. Zeitschr. Martin-Luther-Univ. Halle-Witten-
berg 9: 395. 1960.

[Mitteldeutschland]

Festuca ovina var. *vaginata* Wimm. & Grab. Fl. Siles.
1: 83. 1827.

"in collibus siccis (Gross Herlitz bei Troppau)"
Silesia, Germany.

Festuca ovina var. *vaginata* Koch, Syn. Fl. Germ. Helv.
812. 1837. Not Wimm. & Grab., 1827.

"*F. vaginata* Willd. en. 1. 116. Second specim. ex
horto berolinensi cited.

Based on *F. vaginata* Waldst. & Kit. ex Willd.

Hungary

Festuca ovina ssp. *vaginata* (Waldst.) & Kitab. Kozlow-
ska, Bull. Acad. Polonaise 1925: 335. 1925.

"Hack. as var." *F. ovina* ssp. *eu-ovina* var. *vaginata*
(Waldst. & Kitab.) Hack.

Hungaria

Festuca ovina var. *vaginata* (Waldst. & Kitaibel) Hack.
ex Nakai, Bull. Sci. Nat. Mus. 31: 138. 1952.

= ssp. *vaginata* (Waldst. & Kitaibel) Kozlo. 1925.

Hungaria

Festuca ovina ssp. *valesiaca* (Koch) Kozłowska, Bull.
Acad. Polon. Sci. Lettres Cl. Sci. Math. & Nat.
Sér. B. (1925): 336. 1925.

"subsp. *valesiaca* Koch pro var."

[*F. ovina* var. *valesiaca* Koch.]

Europe

Festuca ovina var. *valesiaca* Koch. subv. *caucasica*
Hack. Mitt. Kavkas. Mus. Tiflis 7: 204. 1913.
(Hackel gives "Koch" after var. but no citation)

"*Syanetia superior*, ad pedem glaciei Oul (mons Uzbai)
2743 m., 21 VII (J. VIII). 1911. Leg. A.
Schelkovnikov."

Caucasus Russia

Festuca ovina var. *valesiaca* (Gaudin) Schleich. ex
Link, Hort. Berol. 2: 267. 1833.

Link cites: "*F. valesiaca* Gaudin, Helv. 1: 283;
Mert. Koch, germ. 1: 651.

Gaudin for *F. valesiaca* cites in Synonymy "*F.*
valesiaca Schleich. Cat. Nov. p. 13; Thom. Cat. pl.
Helv. exs. p. 14.

Basis: *F. valesiaca* Schleich. ex Gaudin

Valesia Branson

[Switzerland]

Festuca ovina var. *valesiaca* subv. *pseud-ovina* (Hack.)

Brand in Koch, Syn. Deutsch. Fl. ed. 3. 3: 2772.

1907.

Based on *F. pseud-ovina* Hack.

Austria

Festuca ovina ssp. *valesiaca* subv. *Rodegheri* St.-Yves
in Chenev. Ann. Cons. Jard. Genève 18: 135. 1914.
Determined by St.-Yves.

"Mad^{na} del Bosco, presso Bergamo (Herb. Rodegher)."

Italy

Festuca ovina var. *valesiaca* subv. *stricta* (Host.)

Brand in Koch, Syn. Deutsch. Schweiz. Fl. ed. 3.

3: 2772. 1907.

Based on *F. stricta* Host.

Austria

Festuca ovina var. *velutina* Rom. Repert. Sp. Nov.
Fedde 29: 145. 1931.

Bulgaria

Festuca ovina var. *villosa* Schrad. Fl. Germ. 1: 320.
1806.

Cites: "Io. Host Gram. 2. t. 85."

Festuca ovina var. *villosa* Wimm. & Grab. Fl. Siles.
1: 83. 1827. Not Schrad. 1806.

[Silesia, Germany]

Festuca ovina var. *violacea* (Gaudin) Koch, Syn. Fl.
Germ. Helv. 812. 1837.

Based on *F. violacea* Gaudin

Switzerland

Festuca ovina var. *violacea* Blytt, Norges Fl. 143.
1861. Not Koch, 1837.

Scandinavia

Festuca ovina ssp. *violacea* var. *nigrescens* Krilov,
Flora Altaica 7: 1674. 1919 (in Russian)

Altai, Asia

Festuca ovina var. *virescens* Doell, Fl. Bad. 1: 157.
1857.

"Oberbayern im Kalkgerölle bei Egern am Tegernsee
und auf den Isaraueu bei München gefunden"

Germany

Festuca ovina var. *vivipara* L. Sp. Fl. ed. 2. 1: 108.
1762.

"*Festuca spiculis viviparis* Fl. suec. 1. n. 94."

Sweden

Festuca ovina var. *vivipara* Huds. Fl. Angl. 36. 1762.
of L. 1762.

"in montibus Eboracensibus."

York England

Festuca ovina var. *vivipara* (J. E. Smith) Reichenb.

Icon. Fl. Germ. Helv. 1: 25. pl. 61. f. 1531. 1834.

without desor. of L. 1762.

Same: Bab. Man. Brit. Bot. 372. 1843, same basis.

Based on *Festuca vivipara* J. E. Smith.

Ingleborough, Skiddaw, Snowden and most of the
Scottish mountains [England; Scotland]

Festuca ovina var. *vivipara* Hartm. Handb. Skand. Fl.
ed. 4. 37. 1843. of L. 1762.

Scandinavia

Festuca ovina *vivipara* Blytt, Norges Fl. 143. 1861.
of L. 1762.

F. vivipara Hornem.

Festuca ovina ssp. *vulgaris* (Koch) Kozlow, Bull. Acad.
Polon. Sci. Lettres Cl. Sci. Math. & Nat. Sér. B.
(1925): 329. 1925.

"subsp. *vulgaris* Koch pro var."

Festuca ovina var. *vulgaris* Wallr. Sched. Crit. 1: 32.
1822.

Halle, Germany

Festuca ovina var. *vulgaris* Koch, Syn. Fl. Germ. Helv.
812. 1837. Not Wallr. 1822.

[Europe]

Festuca ovina var. *vulgaris* Parl. Fl. Ital. 1: 435.
1848.

Cites among countless other *F. ovina* var. a's

"var. a. Koch syn. fl. germ. et helv. edit. 2.
p. 937, var. a. ex parte."

Festuca ovina var. *vulgaris* Sond. Fl. Hamburg. 61.
1851. Not Wallr. 1822.

"Auf Grasplätzen, Wiesen, an Wegen, in Wäldern"

Germany

Festuca ovina var. *vulgaris* Hausm. Fl. Tirol 2: 1005.
1852.

Cites: *F. ovina* L. Reichenb. flor. exo.

"Vorarlberg: bei Bregenz (Str.)" first cited

Tirol, Austria

Festuca ovina var. *vulgaris* Neillreich, Fl. Nieder-
Oesterr. 73. 1859. Not Wallr. 1822.

"Auf Weiden, Triften, Hügeln sandigen derren
Stellen, Mauern, Felsen sehr gemein" Nieder-
Oesterreich

Festuca ovina var. *vulgaris* Staub, Math. Termesz.

Köszlem. 14: 229. 1877. Not Wallr. 1822.

Festuca ovina var. *vulgaris* (Koch) Fiori, Nuov. Fl.

Anal. Ital. 1: 134. 1923.

Based on ? Koch 1837

Festuca ovina var. *vulgaris* subv. *Fargesii* St.-Yves,

Bull. Soc. Bot. France 71: 31. 1924.

"Habit.-Chine: Su-Tschun oriental, district de Tchen-Keou-Tin, leg. R. P. Farges sub *F. ovina* L. (herb. Mus. Paris)

Festuca ovina var. *vulgaris* subv. *glaucostrachya* Rohlena

Allg. Bot. Zeitschr. 8: 85. 1902.

"In der Král. Oboza bei Prag ziemlich häufig! Auf ausgetrockneten Torfböden bei Krukenburg an mehreren Orten (Kováč):"

Czechoslovakia

Festuca ovina var. *vulgaris* subv. *heteropachys* St.-

Yves, Bull. Soc. Bot. France 71: 31. 1924.

"Habit.- Belgique: Viernet (non omnino typica). France: forêt de Fontainebleau, leg. Chabert (herb. St.-Y.); Bas-Rhin a Haguenau, exsic. Billot, no. 961, subv. *F. ovina* var. *valesiaca* (herb. Coss.) Suisse, assez répandu: cantons de Berne, de Vaud, de Soleure et de Zurich (herb. Laus.)."

Festuca ovina var. *vulgaris* subv. *niphobia* St.-Yves,

Bull. Soc. Bot. France 71: 29. 1924.

"Habit.- France: très répandu dans la région alpine des Pyrénées-Orientales; plus rare dans les Hautes-Pyrénées. Andorre: Pic d'Embalire, herb. Gaud. (herb. Lausanne). Catalogne: Combe de Mourrens. Vieille-Castille: Penalara, leg. Boiss. et Reut. sub. *F. recurvifolia* Lag. (ex herb. Boiss. in herb. Laus.)."

Festuca ovina var. *vulgaris* subv. *pilifera* St.-Yves,

Bull. Soc. Bot. France 71: 29. 1924.

"Habit.-France: Mantes (Seine-et-Oise), leg. St.-Y. Moravia, a Znaim, leg. Oborny, Boenitz herb. Europ. (Herb. Mus. Paris).

Festuca ovina var. *vulgaris* subv. *subglaucescens*

Hack. ex Rohlena, Allg. Bot. Zeitschr. 8: 85. 1902.

"Auf einem Feldrain bei Holešovic in Gesellschaft von *F. valesiaca*."

Czechoslovakia

Festuca ovina var. *yvesiana* (Litard. & Maire) Lindb.

Acta Soc. Sci. Fenn. n. ser. B. 12: 16. 1932,

without desor.

Based on *Festuca rubra* ssp. *eu-rubra* var. *yvesiana* Lit. & Maire.

"Litard. & Maire sub *F. rubra* Contrib. à l'étude de la Flore du Grand Atlas, Mém. Soc. d. Sc. nat. du Maroc. T. 4, p. 25." [This is *F. rubra* subsp. *eu-rubra* var. *yvesiana* Lit. & Maire]

"Atlas major, in convalle fluminis Ait messane, in declivibus supra Sidi Chamarouch supra pagum Arround."

Festuca pacifica Piper, Contr. U. S. Nat. Herb. 10: 12.

1906.

262 A.D.E. Elmer, June 20, 1896.

Pullman, Wash.

Man. U. S.

Festuca pacifica var. *ciliata* (Gray ex Beal) Hoover,

Madroño 3: 227. 1936.

Based on *Festuca microstachys* var. *ciliata* A. Gray ex Beal.

= *F. Grayi*

Man. U. S.

Oregon

Festuca pacifica var. *simulans* Hoover, Madroño

3: 228. 1936,

Type collection: Blackwell's Corner (2 mi. north), Kern Co., March 30, 1935, Hoover 451 (Univ. Calif. Herb. no. 534130).

Man. U. S. ed. 2

Festuca pallens Host, Icon. Gram. Austr. 2: 63. pl. 88.

1802.

"In Austriae, Kannoniae collibus rupestribus montanis, alpinis."

Festuca pallens var. *pannonica* (Wulf.) Jav. Magyar Fl.

1: 99. 1924, descr. in Hungarian.

Based on *F. pannonica* Wulf.

Hungary

Festuca pallens Host var. *tonnifolia* Opiz, Seznam.

Bostl. Česk. 44. 1852. nom. nud.

Bohemia

Festuca pallens Host var. *valesiaca* Opiz, Seznam. Bostl.

Ceske. 44. 1852.

"*F. valesiaca* Gaud."

Festuca pallescens (St.-Yves) Parodi, Rev. Arg. Agron.

(Buenos Aires) 20: 206. 1953.

Based on *F. gracillima* Hook. f. var. *monticola* (Phil.) St.-Yves, subv. *pallescens* St.-Yves, Candollea 3: 296. f. 90. 1927.

Patagonia

Festuca pallescens var. *foliosa* Parodi, Rev. Arg. Agron.

(Buenos Aires) 20: 210. 1953.

Argentina: Chubut: Estancia Pampa Chica, 60 km. al oeste de Trecka, leg. A. Soriano no. 2464. 23-I-1947, "Abundante." (Typus varietatis in Herb. Parodi)

Festuca pallescens var. *grandiflora* Parodi, Rev. Arg.

Agron. (Buenos Aires) 20: 211. 1953.

Argentina: Chubut: Corcovado, leg. N. Illin enero de 1900. (Parodi no. 1879). Typus varietatis.

Festuca pallescens (St.-Yves) Parodi var. *scabra*

(St.-Yves) Parodi, Rev. Arg. Agron. (Buenos Aires)

20: 210. 1953.

Based on (*F. gracillima* var. *monticola* subv. *typica* f. *scabra* St.-Yves, Candollea 3: 296. 1927)

Argentina: Neuquen, Pino Hachado, leg. I. R. Parodi no. 3190.

Festuca pallida Gaudin, Alpina 3: 56. 1808.

"---Herr Ludw. Thomas auf den Alpen in Wallis und oberhalb Bex."

Switzerland

Festuca paludicola Roiv. Ann. Bot. Soc. 'Vanamo'

28: no. 200. 1954.

Argentina

Festuca paludosa Gaudin, Agrost. Helv. 1: 229. 1811.

"In paludibus torseis, circa Gmäligen prope Bernam, Seringe,---"

Switzerland

Festuca palustris Seen, Beschr. Reise Istrien 42. 1805.

"Circa Capo d'Istria in fessis limosis abunde."

= *Fuccinellia palustris* (Seem.) Grosch. 1928 (Russian) 1930; Hayek 1932.

Europe

Festuca pamirica Trzel, Not. Syst. Inst. Bot. V. L.

Kanarov Acad. Scient. URSS 20: 422. 1960.

"Typus. Tadzhikistania, Pamir boreali-occidentalis,.....prope torajectum Tashta-Korum,....30 VII 1958, N. Trzelel."

Festuca pampeana Speg. Contr. Estud. Fl. Sierra

Ventana 73. 1896.

"Hallada una vez sola en abundancia en la faldada occidental del Cerro de la Ventana." Prov. Buenos Aires.

Argentina

Festuca paniculata Hack. ex Nyman, Consp. Fl. Eur.

Suppl. 2: 339. 1889, without desor.

"Hack. Monogr. 106 (G. Beck)." cited. On page 106 is Hackel's variety: *F. ovina* subsp. IV. *sulcata* var. *paniculata*.

[Richter, Fl. Eur. 1: 96. 1890 does the same]

Serbia (Pancic)

Festuca paniculata f. *dinarica* Degen, Österr. Bot.

Zeitschr. 58: 107. 1908.

"(D)" [Degen]

"Felsen des Gipfels der Dinara"

Serbia

Festuca panda Swallen, Journ. Washington Acad. Sci.

26: 209. 1936.

"Type in the U. S. National Herbarium, no. 1614378 collected at Cajon de los Pelambres, alt. 2900 m, Dept. Illapel, Chile, Jan. 1932, by G. Looser (no. 2151)."

Festuca paniculata (L.) Schumacher & Thonn. Vierteljahrs

Nat. Ges. Zürich Jahrg. 58: 40. 1913.

Based on "*Anthoxanthum paniculatum* L."

Europe

Festuca paniculata ssp. *baetica* (Hack.) Emberger et

Maire, comb. nov. Cat. Plantes du Maroc IV: 940.

1941.

same, var. *baetica* (Hack.) Pau 1922.

Hispania

Festuca paniculata var. *baetica* (Hack.) Pau, Mem. Mus.

Cien. Nat. Barcelona Ser. Bot. 1: 73. 1922.

Based on *F. spadiacea* var. *baetica* Hack.

Hispania

Festuca paniculata ssp. *durandoi* (Clausen) Emberger et

Maire, Cat. Plantes du Maroc IV: 940. 1941.

Morocco

Festuca paniculata ssp. *spadicea* (L.) Litard. Candollea 10: 111. 1945.

Based on *F. spadicea* L.

Monspelli, Gouan, France

Festuca paniculata ssp. *spadicea* var. *baetica* (Hack.) Maire & Weiller in Maire Fl. Afrique Nord 3: 157. 1955.

Based on *F. spadicea* var. *baetica* Hack.

Spain

Festuca paniculata ssp. *spadicea* var. *genuina* (Hack.) Litard. Candollea 10: 111. 1945.

Based on *F. spadicea* var. *genuina* Hack.

Monspelli

Festuca paniculata ssp. *spadicea* var. *genuina* ssp. *aurea* (Lam.) Litard. Candollea 10: 111. 1945.

Based on *F. aurea* Lam.

Dauphiné, France, nephew of M. Liottard

Festuca paniculata ssp. *spadicea* var. *genuina* subv. *consobrina* (Timb.) Litard. Candollea 10: 111. 1945.

Based on *F. consobrina* Timb.

Bouconne, France.

Festuca paniculata ssp. *spadicea* var. *genuina* subv. *longiglumis* Litard. Candollea 10: 144. 1945.

"Hab. in Gallia: Basses-Pyrénées, M. Rhume, in clivi borealis sabuleto, 700 m.s.m., 16. VIII. 1938, P. Jovet, in h. b. P. et hb. R. Lit. et in Hispania: Guipuzcoa, M. Ulia, inter Pasajes et San Sebastian, in rupibus maritimis, 90 m.s.m., VII. 1905, Gandoger, in hb., sub *F. spadicea* L."

France; Spain

Festuca panonica Wulf. in Host, Icon. Gram. Austr. 4: 36. pl. 62. 1809.

"In collibus, locis asperis Austriae, Pannoniae."

Austria

Festuca panormitana (Parl.) Guss. Fl. Sic. Syn. 2: 886. 1844.

Based on *Vulpia panormitana* Parl.

Sicily

Festuca papuana Stapf, Kew Bull. Misc. Inf. 117. 1899.

"Mount Scratchley" British New Guinea. A. Giulianetti, Collector.

Festuca papuana var. *monantha* (Stapf) Jansen, Acta Bot. Neerland 2: 373. 1953.

Based on *F. monantha* Stapf.

Mt. Scratchley, New Guinea

Festuca paradoxa Desv. Opusc. 105. 1831.

"Habitat....." U. S.

Man, U. S.

Festuca paradoxa Ehrh. ex Steud. Nom. Bot. ed. 2. 1: 631. 1840, as syn. of *F. spadicea*. Not Desv. 1831.

Festuca parviflora Swallen, Contr. U. S. Nat. Herb. 29: 255. 1949.

Type in the U. S. National Herbarium, No. 1911635, collected on paramos, in vicinity of Treador, between Molleturo and Quinosa, Province Azuay, Ecuador, altitude 3,810-3,930 meters, June 15, 1943, by Julian A. Steyermark (No. 53092).

Festuca parishii (Piper) Hitchc. in Jepson, Fl. Calif. 1: 169. 1912.

Based on "*F. aristulata* Shear ssp. *parishii* Piper."

San Bernardino Mts. California (Parish 5036)

= *F. californica*

Man. U. S.

Festuca parodii St.-Yves, Candollea 3: 308. 1927.

"Argentine, Prov. de Catamarca: Poman, leg. L. R. Parodi, XII-1909 No. 2342, "Quebrados" (herb. Par., herb. St.-Y.)."

Festuca parviflora Ell. Bot. S. C. & Ga. 1: 170. 1816.

"From specimens collected by Mr. J. S. Bennett, in the pine barren near Orangeburgh."

South Carolina

= *F. octoflora* Walt.

Man. U. S.

Festuca parvigluma Steud. Syn. Fl. Glum 1: 305. 1854.

"Ex Hrbo. Mus. Lugd. Batav. Japonia."

Festuca parvigluma var. *breviaristata* Ohwi, Acta Phytotax. & Geobot. 2: 163. 1933.

"Hab. Hondo: M. Ibukiyama in Ohmi (Ch. Hashimoto)."

Japan

Festuca parvigluma var. *hirtipes* Honda, Bot. Mag. Tokyo 53: 51. 1939.

"Honsyū: Tazimi, prov. Mino (K. Siota, no. 19, anno 1930--typus in Herb. Imp. Univ. Tokyo), ..."

Japan

Festuca parvipaleata Jansen, Acta Bot. Neerl. 2: 370. 1953.

New Guinea: northern slopes of Mt. Wilhelmina at 4050 m. altitude, common in grass cover of old screes, Brass & Meijer Drees 10061, type in U. S. Nat. Herb. 1761726.

Festuca parvipaniculata Hitchc. Contr. U. S. Nat. Herb. 24: 322. 1927.

Type in the U. S. National Herbarium, no. 1,164,489, collected on slope of a railroad cut through a dry hill, Cerro de Pasco, Department of Junin, Peru, altitude 4,200 meters, Nov. 1, 1923, by A. S. Hitchcock (no. 22244).

Peru

Festuca parvula (Roem. & Schult.) Kunth, Rév. Gram. 1: 129. 1829.

Based on "*Poa parvula* Roem. & Schult."

le Levant, Asia Minor

Labillardiere

Festuca pascua R. A. Phil. Anal. Univ. Chile 94: 176. 1896.

"In pascuis provinciae Valdivia occurrit"....Chile

Festuca patagonica R. A. Phil. Anal. Univ. Chile 94: 174. 1896.

"Ad lacum Pinto in Patagonia Australi invenit Henricus Ibar."

Festuca patens (Boiss.) Steud. Syn. Fl. Glum 1: 428. 1855.

Based on "*Vulpia patens* Boiss."

Arabia petraea - Palestine

Festuca patens (Brot.) Richt. Fl. Eur. 1: 110. 1890. Not Steud. 1855.

Based on "*Triticum patens* Brot."

Portugal

Festuca patula Desf. Fl. Atlant. 1: 86. 1798.

"Habitat prope Bone et La Calle."

Algeria

Festuca Panana Font-Quer, Cavanillesia 4: 25. 1931.

"Hab. in arenosis maritimis pr. El. Araix (Imp. Marocano), ubi d. 12 majii 1930 legi."

Morocco. Afr.

Festuca pauciflora Thunb. Fl. Japon 52. 1784.

[Japan]

Festuca pauciflora Schleich, Cat. Fl. Helv. Ed. 4. 17. 1821, nom. nud.

Switzerland

Festuca pauciflorus Thunb. in Hack. Bull. Herb. Boiss. 7: 713. 1899, as syn. of *Bromus pauciflorus* Hack. Not Thunb. 1784.

Festuca paucispiculata Howarth ex St.-Yves, Candollea 4: 305. 1931, as syn. of *F. Briquetii* St.-Yves.

"How. nom. in herb. Wall."

Nouv. Zélande--"Richmond Range, Two Thumbs, 4000-6000' sub *F. paucispiculata* How. [21]"

Festuca paupera R. A. Phil. Anal. Mus. Nao. Chile 2nd Sect. Bot. 8: 89. 1891.

"Ad Calalaste reperta, 3700 m.s.m." [Philippi Tarapaca]

Chile

Festuca pectinata Labill. Nov. Holl. Fl. 1: 21. 25. 1804.

"Habitat in capite Van-Diemen."

Australia

Festuca pectinella Delile, Ind. Sem. Hort. Monsp. 24. 1836: ex Coss. & Dur. Expl. Sci. Alger. 179. 1854-67

"*F. cynosuroides* Delile...non Desf. *Ctenopsis pectinella* de Not." cited.

= *Ctenopsis pectinella* (Delile) De Not.

Egypt

Festuca pendulina (Sessé) Spreng. Syst. Veg. 1: 356. 1825.

Based on "*Bromus pendulinus* Sessé."

Mexico

Festuca pentastachya Presl, Fl. Sic. 45. [1826]

Sicily

Festuca Porrieri A. Camus, Bull. Mus. Hist. Nat. (Paris) 28: 442. 1922.

"Madagascar: massif d'Andringitra, ---(Perrier de la Bathie, no. 14,547)."

Festuca persica (Trin.) K. Koch, Linnaea 21: 410. 1848.

Based on "*Poa persica* Trin."

= *Eremopoa persica*

Persia

Festuca peruviana Infantes, Rev. Ciencias 54: 103. 1952.

"Peru: Pasco"

Festuca petraea Guthn. ex Seubert, Fl. Azor. 20. 1844.

"Coll. nr. 131." [Flora Azorica]

[Hochstetter patris & filii]

Azores

Festuca petraea var. *villosa* Gandog. Bull. Soc. Bot. France 46: 257. 1899.

"Hab. San Miguel, Ginétès."

[1'archipel des Açores. Atlantic Ocean]

Azores

Festuca Petriei Howarth, Journ. Linn. Soc. Bot.

43: 68. f. 10, 11, 13, 14, 23. 1928.

[forma tenuifolia ibid p. 71. f. 12.]

N. Z. "type near Hermitage, Tasman Valley, Mt. Cook, at altitudes around 3,200 to 3,300 ft., coll. Petrie (Wall nos. 131, 141, 142; also Herb. Kew.)."

New Zealand

Festuca pflanzii Pilger, Bot. Jahrb. Engler 49: 188. 1912.

"Bolivien: Páloa, La Paz, ... (K. Pflanz n. 292.)"

= *F. dolichophylla* Presl

in Grasses Ecuador etc.

Festuca phaeocoides All. Fl. Padem. 2: 253. 1785.
error for *phaeocoides* L.

Italy

Festuca phalaroides Lam. Tabl. Encycl. 1: 190. 1791.

"Ex Gallia australi."

France

Festuca Philippii Becher, Candollea 7: 520. 1938.

Based on "*F. dumetorum* Phil. (non *F. dumetorum* L. 1762 quae = *F. rubrae* var.)"

S. Juan. Chile

Festuca philistaea (Boiss.) Steud. Syn. Fl. Glum 1: 428. 1855.

Based on *Scleropoa philistaea* Boiss. 1853.

Type loc. "Palastina"

= *Scleropoa* 1853

Festuca phleoides Vill. Fl. Delph. 7. 1785.

Vill. Hist. Fl. Dauphine 2: 95. 1787.

"Isaram in sabulosis, habet Scheuch."

= *Koeleria phleoides* Man. U. S.
France

Festuca phoenicoides L. Mant. 1: 33. 1767.

"Ger. prov. 95, t. 2. f. 2."

"Habitat in Galloprovinciae maritimis arenosis."

France

Festuca phoenicoides Rouille ex Roem. & Schult. Syst.

Veg. 2: 699. 1817, as syn. of *Schenodorus*

phoenicoides Roem. & Schult. Not L. 1767.

= *Festuca*

Festuca phoenicoides f. *ramosa* (L.) Mutel, Fl. Franç.

4: 128. 1837.

Based on *Bromus ramosus* L. "Oriente, Schreber."

Festuca phoenix Vill. Fl. Delph. 8. 1785.

"in pratis humidis Vallium, ad Champsaur."

France

Festuca phoenix (Scoop.) Vill. Prosp. Fl. Dauph. 17.

[1779]; Hist. Fl. Dauph. 2: 108. 1787. Not Vill.

1785.

Based on *Poa phoenix* Scoop.

= *F. arundinacea* Parl. fide Hack.

Austria

Festuca phoenix Thuill. Fl. Env. Paris n. ed. 1: 52.

1799. Not Vill. 1785.

Cites: "Fl. dan. 108. Scheuchz. gram. 200. t. 4. f. 6. Vaill. herb. ex man. 3."

= *F. elatior* X *Lolium perenne*, fide Hack. p. 161.

France

Festuca pichinchae Hack. in Sodiro (Gram. Ecuador)

Anal. Univ. Quito 1889: 10. 1889. Name only

"---Pichincha" Ecuador [not in Hack Hb.]

Festuca picta J. F. Gmel. Syst. Nat. 2: 187. 1791.

"Koenig Naturf. 23. p. 211, an distincta species?" cited.

Europe

Festuca picta Kit. in Schult. Oesterr. Fl. ed. 2.

1: 236. 1814. Not Gmel. 1791.

"Auf Alpenwiesen in Ungern"

Hungary

Festuca picta var. *flavescens* Woloszczak, Drugi

Przyczynek do flory Pokucia W. sprawozd. Komisyi 1888

Copied from Zapal. Consp. Fl. Galic. Crit. Rospr. Wyzd. Mat-Przyr. Akad. Umiejtn. Krakow III 4 B. 178. 1904. No description.

"Rzadka: Pop Iwan w Czarnej Horze (Woloszczak), Pietrosu w Alpach Rodnenskich (Zapalowicz)."

Poland

Festuca pietrosii Zapal. Bull. Acad. Cracovie

3: 304. 1904. (June)*

(ovar)

"In regione alpina montis Pietrosu (2305 m.) Alpi Rodnensium..." Galicie

*This vol. in Now Mus. Signature gives Bull. 3
Call no. 506.438 A33

Poland

Festuca Pilgeri St.-Yves, Notizbl. Bot. Cert. Berlin 9: 1130. 1927.

"Kenia, Westseite: Alpine Region, sehr häufig (31. Januar, 1922 - Rob. E. und Th. C. E. Fries n. 1316).
Mt. Aberdare: Sattima, untere alpine Region (21. März 1922--n. 2441 und 2446); obere Bambusregion, auf Sumpfböden... (2. April 1922--n. 2693 und 2702)

[Africa]

Festuca pilgeri var. *orthophylla* St.-Yves, Notizbl.

Bot. Gart. Berlin 9: 1132. 1927.

"Kenia, Westseite: Obere alpine Region, sehr häufig (2 Februar 1922--Rob. E. und Th. C. E. Fries n. 1316a)."

[Africa]

Festuca pilgeri ssp. *supina* (Pilg.) Hedb. Symb. Bot.

Upsal. 15: 37. 1957.

Based on *F. abyssinica* ssp. *acanthophylla* var. *supina* Pilger ex St. Yves, Notizbl. Bot. Gart. Berl. 9: 1133. 1927 (in key); St. Yves, Rev. Bret. 2: 75. 1927.

Uhlig 203, 1129.

Festuca pilosa Hall. f. ex Gaudin, Alpina 3: 64. 1808.

"*Festuca pilosa* Hall. fil. in notis ined. Schleich. pl. exsicc. cent. 2. No. 10." cited.

"*F. poaeformis* Host gram. austr. 2. Tab. 81." cited.
Switzerland

Festuca pilosa Willd. ex Spreng. Syst. Veg. 1: 356.

1825. Not Hall. f. 1808.

"Mexico"

Festuca pilosa var. *argaea* Boiss. & Bal. in Boiss.

Diagn. Fl. Orient. Nov. II. 34: 138. 1859.

"Hab. vulgatissima in regione alpina montis Argaei Cappadociae.....ol. Balansa."

Asia Minor

Festuca pilosa var. *straminea* Schur, Enum. Fl. Transsil

796. 1866.

Trans. Roumania

Festuca pinetorum Swallen, Contr. U. S. Nat. Herb.

29: 397. 1950.

Type in the U. S. National Herbarium, No. 1962995, collected in open pine forest, Cerro del Viejo, 15 miles west of Dulces Nombres, Municipality Zaragoza, Nuevo Leon, Mexico, altitude 2,330 meters, August 18, 1948, by F. O. Meyer and D. J. Rogers (No. 2977)

Festuca pinifolia (Hack.) Bornm. Verh. Zool. Bot.

Ges. Wien 48: 649. 1898.

Based on *F. ovina* var. *pinifolia* Hack.

Asia Minor

Festuca pinnata (L.) Huds. Fl. Angl. ed. 2. 1: 48.

1778.

Based on "*Bromus pinnatus* Linn."

Europe

= *Brachypodium pinnatum*

Festuca pinnata var. *glabra* Coss. & Germ. Fl. Env. Par

2: 648. 1845.

Environs de Paris

France

= *Brachypodium*

Festuca pinnata var. *sylvatica* (Huds.) Huds. Fl. Angl.

Ed. 2. 48. 1778.

Based on *F. sylvatica* Huds.

England

= *Brachypodium sylvaticum*

Festuca pirinensis (Acht.) Acht. Bull. Inst. Bot. Sofia
3: 42. 1953.

Based on *F. varia* ssp. *pirinensis* Acht.
Bulgaria

Festuca planifolia (Hack.) Richt. Fl. Eur. 1: 100.
1890.

Based on *F. rubra* var. *planifolia* Hack.
Europe

Festuca planifolia var. *baicalensis* (Griseb.) Richt.
Fl. Eur. 1: 100. 1890.

Based on *F. rubra* var. *baicalensis* Griseb.

Baikal, Turcz 1305.

Siberia

Festuca planifolia var. *villiflora* (Hack.) Richt. Fl.
Eur. 1: 100. 1890.

Based on *F. rubra* var. *planifolia* subv. *villiflora*
Hack.

Lapland

Festuca platyphylla Steud. Syn. Fl. Glum. 1: 420. 1855.

"Hrbr. Lechler nr. 1224. Sandy Point Magellan."

Festuca plebeia R. Br. Prodr. Fl. Nov. Holl. 1: 178.
1810.

"Insulam Van Diemen, cujus regiones Septentrionales
et praecipue Australes visitair."

Australia

Festuca plicata Hack. Oesterr. Bot. Zeitschr. 27: 48.
1877.

"In rupibus cacuminis dolomitici „Dornajo" (2100
Met.) in Sierra Nevada."

Spain

Festuca pluriflora Schult. Mant. 2: 402. 1824.

Based on *F. multiflora* Presl. Not Hoffm.

Sicily

Festuca poa (DC.) Raspail, Ann. Sci. Nat. 5: 445. 1825.
Same comb. Kunth, Rev. Gram. 1: 129. 1829.

Based on "*Triticum poa* Dec."

France

Festuca poa var. *aristata* Bor. Fl. Centr. France
2: 530. 1840.

"*Trit. tenuicululum* Loisel." cited.

"All[ier] [Dept. France]. Cérilly. (Savl.) L. et
Ch. [Loir et Cher.] Environs de Blois. (Lefrou.)"

Festuca poa var. *aristata* Coss. Notes Crit. 19. 1848.
Not Bor. 1840.

[Coss. & Dur. Expl. Sci. Alger. 2: 186. 1855 (date
acc. to Stearn) give descr.: Floribus aristatis,
arista glumellam subaequante; no syn. no place.
Algeria from title]

"Rochers de Duison près la Ferté-Aleps!"

Paris

Festuca poa var. *genuina* Coss. & Dur. Expl. Sci. Alger.
2: 186. 1855.*

Only descr. "Floribus muticis"

Based on *F. poa* Kunth

*Acc. to Stearn, sheets 16-20 [err. by Stearn for 30]
(i.e. pp. 121-241 [err. by Stearn for 240]) Vol. 2.
betw. Apr. 1855 and Oct. 1855.

Festuca poa var. *mutica* Coss. & Germ. Fl. Env. Paris
ed. 2. 842. 1861.

[France]

Festuca poa var. *ramosa* Bor. Fl. Centr. France
2: 530. 1840.

Only descr. 1s: "Epi rameux à la base."

"*Triticum festuca* DC." cited.

"Bruyères près St. - Cyr - en - Sologne. (Dubouché.)
- Cote - d'Or. Saulieu."

Festuca poa var. *ramosa* Delastre, Fl. Depart. Vienne
492. 1842.

"Montmorillon, la Trimouille" [France]

Festuca poa var. *ramosa* Coss. & Germ. Fl. Env. Paris
2: 649. 1845. Not Delastre, 1842.

environs de Paris

Festuca poa var. *tenuicula* (Loisel.) Delastre, Fl.
Depart. Vienne 492. 1842.

Based on "*Triticum tenuicululum* Loisel."

France

Festuca poaeformis Host, Icon. Gram. Austr. 2: 58.
pl. 81. 1802.

"In Pannonia, in comitatus marmarossiensis alpinus,
Pop - Joan dictis. Waldstein & Kitaibel."

Austria; Bosnia

Festuca poaeformis Pers. Syn. Fl. 1: 94. 1805.
Not Host 1802.

"*F. poaeoides* Thuill." cited. Evidently a change
of name on account of *F. poaeoides* Michx. which is
cited as valid.

Paris

Festuca poaeformis var. *xatarti* Mutel, Fl. Franç.
4: 107. 1837.

"Pyr. Or. (Xatart)."

Pyrennes

[France]

Festuca poaeoides Thuill. Fl. Env. Paris ed. 2.
1: 51. 1799.

"Habitat in sylvis siccis."

Paris

Festuca poaeoides Michx. Fl. Bor. Amer. 1: 67. 1803.
Not Thuill. 1799.

"Hab. ad ripas maritimas fluminis S. Laurentii"

= *F. elatior*

Man. U. S.

Festuca poaeoides var. *americana* Pers. Syn. Fl.
1: 94. 1805.

Based on *F. poaeoides* Michx. 1803.

"Hab. ad ripas fluv. St. Laurentii."

= *F. elatior*

Man. U. S.

X *Festuca pocutia* Zapal. Consp. Fl. Gal. Critic.
3: 230. (1911)

F. Porcii X *piota* Zapal.

Poland

Festuca poecilantha K. Koch, Linnaea 21: 411. 1848.

"Auf Mergelboden der Halbinsel Apscheron"

U.S.S.R.

Festuca pogonantha Franch. Mission Sci. Cap. Horn.
Bot. 5: 387. 1889.

"Patagonie, Port-Eden; 24 janvier 1879 (Savatier,
no. 1844)."

Patagonia

Festuca polesica Zapal. Bull. Acad. Cracovie
3: 303. 1904. (June)*

"Fauca exempla in Rokitno, in celebra magnis paludi-
bus Polesia Volhyniensis sito, a Rahman lecta."

Poland

Festuca poliens (Tausch) Steud. Syn. Fl. Glum 1: 317.
1854.

Based on "*Triticum poliens* Tausch."

hort.

Festuca polonica Zapal. Bull. Acad. Cracovie
3: 302. 1904. (June)*

"In Gluszków prope Horodenka, Galicias (Podoliae)
austro orientalis... a Sienziński in duobus
pulchris exemplis lecta."

Poland

Festuca polyantha Hall.f. ex Steud. Nom. Bot. 338.
1821, nom. nud.

"*F. duriuscula* Host?" cited.

Festuca polychroa Trautv. Acta Hort. Petrop. 2: 485.
1873.

"In Armeniae monte Ararat majore, ad lacum Kûp-göl
(Radde)."

Asia Minor

Festuca polycoclea Stapf in Hook.f. Fl. Brit. Ind.
7: 349. 1896.

"Nepal, Wallich. Sikkim... J. D. H."

India

Festuca polycoclea var. *brevis* Stapf in Hook.f. Fl.
Brit. Ind. 7: 350. 1896.

"Sikkim. Himalaya."

India

Festuca polygama K. Koch, Linnaea 21: 409. 1848.

"Aus dem Wilhelm'schen Herbar."

Festuca polystachya Michx. Fl. Bor. Amer. 1: 66. 1803.

"Hab. in arvis illinoensibus."

= *Leptochloa fascicularis* (Lam.) A. Gray

Man. U. S.

Festuca porcii Hack. (Bot. Centralbl. 8: 407. 1881,
nom. nud.) Monogr. Fest. Eur. 147. 1882.

[Hack. ex Porc. Magyar Novenyt. Lapok 9: 133. 1885,
nom. nud.]

"In pratis subalpinis Transsylvanicae boreali-ori-
entalis: in alpinis Corangislu, Craciunel et Gobati
prope Alt-Rodna leg. Porcius..."

Hungary

Festuca Porcii ssp. *angustifolia* (Hack.) Kraj.
Veröffentl. Geobot. Inst. Rübél 10: 32. 1933.

Based on *F. porcii* f. *angustifolia* Hack. in Rohlena
Czechoslovakia
See Hack. ex Rohlena 1903.

Festuca porcii f. *angustifolia* Hack. ex Rohlena,
Sitzungsber. Böhm. Ges. Wiss. Math. Phys. 17: 62.
[1903]
Czechoslovakia

Festuca Porcii f. *longiaristata* Kraj. Veröffentl.
Geobot. Inst. Rübél 10: 32. 1933.

"Karpáty Poloninské: Apud Kožmiesček in valle septentrionali montis Hoverla in f. *longiaristata* Krajina f. n. (gluma arista usque 2.2 mm. longa munita) leg. 1929 Domin et Deyl (herb. inst. bot. univ. Carol., Praha)"
Czechoslovakia

X *Festuca porcii* X *pieta* Zapal. Bull. Acad. Cracovie
3: 305. 1904 (June)*
(over)
"In regione subalpina montis Szuryn in Czarna Hora."
Galicia
Poland

Festuca Porcii var. *vestita* Hack. in Zapal. Consp. Fl.
Galio. Crit., Rozpr. Wydz. Mat.-Przyr. Akad. Umiejetn.
Krakow III. 4, B. 180. 1904. Aug. 11.
"Hackel (inedit.)"
"Szuryn w Czarnej Horze, Bardo... (Zapalowioz)."
Galicia, Poland
Only description: "paleis inferioribus hispidulis."

Festuca Porcii f. *vestita* (Hack.) Kraj. Veröffentl.
Geobot. Inst. Rübél 10: 31. 1933.
Based on *F. Porcii* var. *vestita* Hack.
"Szuryn w Czarnej Horze, Bardo... (Zapalowioz)"
Galicia, Poland

Festuca Porcii f. *Zapalowiozii* Kraj. Veröffentl. Geobot.
Inst. Rübél 10: 32. 1933.
X *F. porcii* X *pieta* Zapal.
subalpina montis Szuryn in Czarna Hora.
Galicia, Poland

Festuca prasina Dum. Obs. Gram. Belg. 102. 1823.
"Belgium"
sp. dub in Hack. p. 200

Festuca pratensis Huds. Fl. Angl. 37. 1762.
"Habitat in pratis et pasuis."
England

Festuca pratensis Schreb. Spic. Fl. Lips. 57. 1771.
Not Huds. 1762.
Cites: "Hall. hist. n. 1435."
"Scheuchz. agr. p. 289."
Germany

Festuca pratensis Honck. Vollst. Syst. Verzeich.
Gewach. Deutsch. 268. 1782. Not Huds. 1762.
Germany

Festuca pratensis var. *apennina* f. *parviflora* Hack.
Mitt. Bayr. Bot. Ges. 2: 23. 1907.
"leg. Vollmann."
"Alpiner Alpen"
Germany

Festuca pratensis var. *aristata* Fedtsh. Bull. Jard.
Bot. Pierre Grand 14(Suppl. 2): 85. 1915, nom. nud.
U. S. S. R.

Festuca pratensis var. *aristata* Grossh. Monit. Jard.
Bot. Tiflis 46/47: 38. 1919.
"Hab. in pr. Tiflis, distr. Gori, prope pagum Bakuriani, in pratis subalpinis. leg. Kozlowsky."
Russia Europe

X *Festuca pratensis* X *arundinacea* Aschers. & Graebn.
Syn. Mitteleur. Fl. 2: 510. 1900.
Parents:
F. elatior X *arundinacea* Asch. & Graeb.
Europe

Festuca pratensis var. *bakurianensis* Grossh. Trudy Bot.
Inst. Azerbaidzh. Fil. Akad. Nauk S.S.S.R. 8: 292.
1939.
"Zakavkazskazes"
Caucasus. Russia. Eur.

Festuca pratensis var. *Dalmatica* Aschers. & Graebn.
Syn. Mitteleur. Fl. 2: 504. 1900.
"So in Dalmatien !!"
Europe

Festuca pratensis var. *elatior* Gaudin, Fl. Helv.
1: 293. 1828.
"Scheuchz. Gram. 200."
Switzerland

Festuca pratensis var. *fasciculata* (Sond.) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 504. 1900.
Based on *F. elatior* var. *fasciculata* Sond.
Germany

Festuca pratensis var. *flavescens* Lüscher, Allg. Bot.
Zeitschr. 16: 140. 1910.
"Kanton Solothurn"
Switzerland

X *Festuca pratensis* X *gigantea* Aschers. & Graebn. Syn.
Mitteleur. Fl. 2: 512. 1900.
Europe

Festuca pratensis var. *Hocqueti* Litard. ex Bouly de
Lesd. Publ. Soc. Dunk. 67. 1934.
Dunkirk, France

Festuca pratensis var. *humilior* Gaudin, Fl. Helv.
1: 293. 1828.
"Scheuchz. Gram. 202."
Switzerland

Festuca pratensis var. *intermedia* Gaudin ex Mutel, Fl.
Frang. 4: 112. 1837.
"Grenoble (Mut.); Nyon (Gaudin et Monnard)."
[France]

Festuca pratensis var. *intermedia* Krilov, Flora Altaica
7: 1678. 1914 (in Russian). Not Gaud. in Mutel. 1837.
Altai, Asia

Festuca pratensis var. *intermedia* Krylov ex Fedtsh.
Bull. Jard. Bot. Pierre Grand 14(Suppl. 2): 86.
1915, nom. nud.
Krylov, Fl. Zapad. Sibiri Pt. 2. 328. 1928, (in Russian)
Siberia

Festuca pratensis var. *Kozlowskyana* Grossh. Not. Syst.
Herb. Hort. Bot. Petrop. 4: 19. 1923.
"Transcaucasia: Pr. Tiflis, distr. Gori, prope pagum Bakuriani, 5000', in pratis. 1917. leg. W. Kozlowsky."
Eur. Russia

Festuca pratensis var. *loliacea* With. Bot. Arr. Brit.
Fl. ed. 2. 1: 102. 1787.
Author states:
"*Festuca fluitans* *loliacea*. Huds. ed. II. is a var. of this."
England

Festuca pratensis var. *loliacea* (Huds.) St. Amans, Fl.
Agen. 42. 1821. Not of With. 1787.
Based on *Festuca loliacea* Huds.
England

Festuca pratensis var. *loliacea* (Lam.) Petern. Fl.
Lips. 98. 1838. Not With. 1787.
Based on *F. loliacea* Lam.
France

Festuca pratensis var. *loliacea* Meinhans. Fl. Ingr.
431. 1878. Not With. 1787.
"Hb. VIII, n. 747^b" [Herb. Fl. Ingria]
Russia. Eur.

Festuca pratensis var. *loliacea* (Grantzow) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 513. 1900.
Not With. 1787.
Based on *F. Schlickumi* var. *loliacea* Grantzow
Germany

X *Festuca pratensis* X *Lolium multiflorum*? Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 768. 1902.
Europe

X *Festuca pratensis* X *Lolium perenne* Aschers. & Graebn.
Syn. Mitteleur. Fl. 2: 505, 767. 1900-2.
Europe

Festuca pratensis var. *multiflora* (Presl) Hausskn.
Mitt. Thüring. Bot. Ver. N. F. 13/14: 55. 1899.
Based on *F. multiflora* Presl
Sicily

Festuca pratensis var. *paniculatum* (Sond.) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 768. 1902.
See forma 1926.

Based on "F. lol. ^{var.} pan. Sond." [loliacea var. *paniculatum* Sond. Fl. Hamb. 65. 1851.]
Germany

Festuca pratensis f. *paniculata* (Sond.) Holmb. Skand. Fl. Härte 2: 239. 1926.

Based on *F. loliacea* f. *paniculata* Sond.
Prussia, Germany

Festuca pratensis var. *pluriflora* (Schult.) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 504. 1900.

Based on *F. pluriflora* Schult.
Sicily?

Festuca pratensis var. *pseudololiacea* Anders. Fl. Scand. Gram. 19. 1852.

Scandinavia

Festuca pratensis var. *pseudololiacea* Fries ex Breb. Fl. Norm. ed. 3. 357. 1859. Not Anders. 1852.

Based on *F. pseudololiacea* Fries
Europe

Festuca pratensis subv. *pseudololiacea* Hack. ex Rohlena, Situngs. Böhm. Ges. Wiss. Math.-Nat. Cl. 1902. [pt.] 39: 30. 1902.

probably based on *F. elatior* ssp. *pratensis* var. *genuina* subv. *pseudololiacea* Hack. Monogr. Fest. Eur. 151. 1882. Not cited by Rohlena

Europe

Festuca pratensis var. *racemosa* Schuebl. & Martens, Fl. Württemberg 82. 1874.

Germany

Festuca pratensis var. *simplex* (Boiss.) Fedtsch. Bull. Jard. Bot. Pierre Grand 14(Suppl. 2): 85. 1915.

Presumably based on *F. simplex* Boiss.
Cappadocia, Asia Minor. Coll. Balansa

Festuca pratensis var. *spicata* Rohb. ex Fedtsch. Bull. Jard. Bot. Pierre Grand 14(Suppl. 2): 85. 1915, nom. nud.

Festuca pratensis f. *subperennis* Holmb. Skand. Fl. Härte 2: 239. 1926.

"(f. *superloliacea* Hack. Monogr. Fest. Eur. p. 162" [forma described in note under *F. elatior* X *Lolium perenne*])

Festuca pratensis f. *subpratensis* Holmb. Skand. Fl. Härte 2: 239. 1926.

There is also a forma described in note under *F. elatior* X *Lolium perenne*.
Scandinavia

Festuca pratensis var. *subspicata* Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 503. 1900.

F. elatior spielart [sport] *subspicata* Meyer, Chloris Hanov. 622. 1836.
Europe

Festuca presliana Hitchc. Contr. U. S. Nat. Herb. 24: 320. 1927.

Based on *Bromus depauperatus* Presl. Not *Festuca depauperata* Bertol.

sinu Nootka
Vancouver Isl.

Festuca Fringlei St.-Yves, Candollea 2: 305. 1925.

"Mexique: Sierra Madre, Etat de Chihuahua, Fringle Fl. Mex. 1887 No. 1438!! (herb. Boiss.)" T

Festuca procera H.B.K. Nov. Gen. & Sp. 1: 154. 1816.

"Crescit locis alsis, subfrigidis regni Quitensis prope Chillo, San Antonio de Lulumbamba et Iloa, inter alt. 1280 et 1470 hexap." Humb. & Bonpl.

Andes Gr.

Festuca procera var. *mexicana* Rupr. Bull. Acad. Sci. Brux. 9²: 236. 1842, nom. nud.

Galotti 5777, Orizaba, Mex. cited.

Name only in Hemsl. Biol. Centr. Amer. Bot. 3: 582. 1885. No citation.

Fourn. Mex. Fl. 2: 124. 1886. "Obs" sub 6. *F. orgyalis* Willd. herb! "----" *F. procera* var. *Mexicana* Rupr. ---" (Gal. n. 5777), non visa."

Mexico

Festuca procumbens Muhl. Descr. Gram. 160. 1817; name only Muhl. Cat. Fl. 13. 1813.

"Habitat in Carolina".

= *Leptochloa fascicularis* (Lam.) A. Gray

Man. U.S.

Festuca procumbens Kunth, Rév. Gram. 1: 129. 1829.

Based on *Poa procumbens* Curtis

= *Fuccinellia rupestris* Man. U. S.

England

Festuca prolifera (Piper) Fernald, Rhodora 35: 133. 1933.

Based on *F. rubra* *prolifera* Piper

= *F. rubra* Man. U. S.

Mt. Washington, N. H. (Pringle 1877)

Festuca prolifera var. *lasiolepis* Fernald, Rhodora 35: 136. pl. 241. f. 3 & 4. 1933.

"Newfoundland: limestone cliffs near Stanleyville, Bonne Bay, Aug. 9, 1929, Fernald, Long & Fogg, no. 1236 (type in Gray Herb.)"

Festuca prostrata Gmel. ex Steud. Nom. Bot. ed. 2. 1: 632. 1840, as syn. of *Aeluropus laevis* [Trin.]

India

Festuca prostrata Muhl. ex Scribn. & Merr. U. S. Dept. Agr. Div. Agrost. Circ. 27: 5. 1900, as syn. of *F. procumbens* Muhl. Not Gmel. 1840.

"This was published as *Festuca procumbens* Muhl. and is the same as *Leptochloa fascicularis* (Lam.) A. Gray"

= *L. fascicularis* Man. U. S.

Carolina

Festuca proxima R. E. Fries, Nov. Act. Soc. Sci. Upsal IV. 1: 184. pl. 9. f. 12. 1905.

"Prov. Jujuy: S: A Catalina....(Kurtz 11411)." T

Argentina

Festuca psammophila (Celak.) Domin, Acta Bot. Bohem. 9: 196. 1930.

Based on *F. glauca* b) *psammophila* Celak.

Europe

Festuca psammophila f. *brevispica* Kraj. Acta Bot. Bohem. 9: 198. 1930.

Bohemia

Festuca psammophila f. *robusta* Kraj. Acta Bot. Bohem. 9: 198. 1930.

Bohemia

Festuca psammophila f. *subhirtella* Kraj. Acta Bot. Bohem. 9: 196, 198. 1930.

Bohemia Centralis---prope Bechlín---ab oppido Roudnice, Deyl, Krajina & Sillinger, 26. VI. 1929.

Czechoslovakia

f. *typica* Kraj. ibid "

Festuca pseudistaehya Koel. Descr. Gram. 270. 1802.

"Habit. in Bavar. Wirtemb. Pom. Austr."
Germany

Festuca pseudodalmatica Kraj. Acta Bot. Bohem. 8: 61. 1929.

The following is given in article entitled: Schedae ad Floram Cechoslovenicam Exsiccatam: Adnotatio 2. *F. pseudodalmatica* Krajina ined. ad *F. dalmaticam* Hack. proxime accedit et etiam *F. pauciflorae* Kumm. et Sendtn., *F. Wagneri* Taisz et *F. Callieri* Dörfler affinis esse videtur, sed differt a *F. dalmatica* foliis tenuioribus (diametro 0.45-0.7 mm) planis, glauco-caesitis vel viridibus; folia in sectione transversa fasciculos sclerenchymaticos plurimos ostendunt, ita ut eorum numerus saepe nervis quibus laminae respondet, quo caractere species nostra ad *F. paucifloram* propius accedit A. *F. vallesiacae*, cum qua saepissime confusa fuit, iam habitu multo robustiore, foliis valde elongatis nutantibus, modo glaucis, modo viridibus discrepat. K. Domin. Czechoslovakia

Festuca pseudo-dura Steud. Syn. Fl. Glum 1: 306. 1854.

"Styria. Carinth. Tyrol. Salzbg."
Austria

Festuca pseudoduriscula Steud. Syn. Fl. Glum 1: 312. 1854.

"Hrbr. Drummond nr. 398. Texas."

= *Festuca* (nutans) Spreng.

= " obtusa Bieler Man. U. S.

Festuca pseudoeskia Boiss. Elench. 91. 1838.

"in summis glareosis in Sierra

Spain

X *Festuca pseudo-fallax* Wein, Repert. Sp. Nov. Fedde 6: 353. 1909.

"*F. ovina* X *pratensis*"
Europe

Festuca pseudogigantea Oves. & Schibk. Flora Tadzhikskoe ser. 1: 505. 1957.

"Typus: jugum Wachsch, prope pagum Sary-Mazor, 13 VII 1932. N. Gonorov, G. Grigorjev et V. Nikitin.

Asia

Festuca pseudo-laxa Schur, Oesterr. Bot. Zeitschr.
8: 22. 1858, nom. nud.

(Hungary) Rumania

Festuca pseudo-loliacea Hack. Monogr. Fest. Eur. 151.
1882, as syn. of *F. elatior* ssp. *pratensis* var.
genuina subv. *pseudololiacea* Hack.

Hackel cites "*F. pseudololiacea* Fr. Summ. Scand. 75.
(1846.)--Lo. Reichenb. 1567."

See also: *F. pseudololiacea* (Fries) Litardiere ex
Boulay, 1924.

Festuca pseudololiacea (Fries) Litardiere ex Boulay,
Publ. Soc. Dunk. 67. 1934.

In: Fries, Summ. Veg. Scand. 75, 1854, the following
is given:

"4. *F. pratensis* Huds. *F. elat.* L. pr. p.

---- (pseudo-) *loliacea* Fl. Dan."

Europe

Festuca pseudo-myuros Soyer-Willems. Ann. Sci. Nat.

7: 445. 1826.

"*F. myuros* Poll. ...ron L." cited.

[Fl. pal. 1: 104. 1776.]

Germany

Festuca pseudo-myurus Bercht. (Reichenb.) Oekon.-techn.

Fl. Bohmens 1: 214. 1836. Not Soyer-Will. 1826.

Based on "*Vulpia pseudo-myurus* Reichenb."

Europe

Festuca pseudo-nemorum Schur, Enum. Fl. Transsilv. 794.

1866, as syn. of *F. pseudo-rubra* a. subhomophylla
Schur.

(Hungary) Rumania

Festuca pseudo-nutans Schur, Enum. Fl. Transsilv. 796.

1866, as syn. of *F. scheuchzeriformis* Schur.

(Hungary) Rumania

Festuca pseudo-rubra Schur, Enum. Fl. Transsilv. 794.

1866.

"Auf Wiesen in Gebüsch am Fuss des Götzenberges
bei Heltau. Jun. Jul."

(Hungary) Rumania

Festuca pseudo-rubra var. *subhomophylla* Schur, Enum.

Fl. Transsilv. 794. 1866.

"Auf Wiesen in den Obstgärten bei Hermannstadt."

(Hungary) Rumania

Festuca pseudosclerophylla Kriv. Not. Syst. (Bot. Inst.
Komarov) 17: 73. 1955.

Typus. *Irania austro-orientalis*, prov. Kerman, in
reg. alpina montis Kuh-i-Bschupar, 3000 m s. m.,
no. 4952, 10 VI 1892, fl., Bornmüller. in Herb. Inst.
bot. Ac. Sc. URSS (Leningrad) conservatur.

Festuca pseudosulcata Drobov, Trav. Mus. Bot. Acad. Sci.

Petrograd 14: 156. 1915.

"Hab. Prov. Jakutsk. Ad fl. Lena, Wiluj et Czona.
(Coll. Maak, 1854; Dolenko, 1912; Drobov, 1914.
Hb. A. P.)"

Compared with *F. ovina* ssp. *sulcata* Hack. var.
genuina Hack. and *F. ovina* ssp. *laevis* Hack. var.
marginata Hack.

Siberia

Festuca pseudo-supina Vetter, Oesterr. Bot. Zeitschr.
85: 63. 1936.

"Insel Mytilini (Lesbos): Kalkfelsen des Olymp-
Gipfels, ca. 940 m; blühend am 19 Mai (Nr. 5656)."
[Reichinger, Coll.]

Greek islands

Festuca pseudovina Hack. ex Wiesb. Oesterr. Bot.

Zeitschr. 30: 126. 1880.

Note by A.S.H.: "[in an article by J. Wiesbame on
Formen der *Festuca ovina*-Gruppe der Flora von Kalks-
burg]"
"Als Synonyme sind hierher zu setzen: *Fest. ovina* Host
(l.c. p. 159 et tab. 84)..."
Note by A.S.H.: "It says, '3. *F. --pseud ovina* Hackel
(ined.), *Fest. durinacula* var. *parviflora* (Hackl. Term.
Fuz. l.c.) '[followed by descr. ...I should call the
specimen referred to (Term. Fuz.--a set of exsiccatae)
the type.'
Im Thale der reichen Liesing zwischen Kalksburg und
dem Rothen Stadel." [Austria]

Herbar. Kitaibel in Banat - Rumania

Festuca pseudovina Beck, Fl. Nieder-Oesterr. 103. 1890.

[an *F. pseudovina* Hack?]

Based on "Hack. ...als var. der *F. ovina* subsp. *sul-*
cata."

[*F. ovina* ssp. *sulcata* var. *pseudovina* Hack.]

Europe

Festuca pseudovina (Hack.) Beck, Wiss. Mitt. Bosn.

Herzeg. 9: 448. 1904.

Based on "*Festuca ovina pseudovina* Hack."

Austria

Festuca pseudovina var. *angustiflora* (Hack.) Richt.

Fl. Eur. 1: 95. 1890.

Same comb. made by Reverd. Animadv. Syst. Herb. Univ.
Tomsk 1928 (3/4) 6. 1928, in Russian.

Based on *F. ovina* ssp. *sulcata* var. *pseudovina* subv.
angustiflora Hack.

U.S.S.R. Europe

Festuca pseudovina var. *ciliata* Drobov, Trav. Mus. Bot.

Acad. Sci. Petrograd 14: 174. 1915.

"Hab.: Prov. et distr. Akmolinsk (Drobov, 1914, No.
588)."

Russia, Asia

aff. *pseudovina* var. *typica* Hack.

Festuca pseud-ovina var. *minutiflora* Reverd. Anim.

Syst. Univ. Tomsk. 1928 (3-4): 6. 1928.

Kainsk, government of Tomsk, Siberia

T

Festuca pseudovina var. *obtusata* Beck, Fl. Nieder-

Oesterr. 1: 103. 1890.

"Selten, im Saugraben des Wiener Schneeberges bei
1650 m. VIII."

Austria

Festuca pseudovina var. *rutila* (Hack.) Kraj. Acta Bot.

Bohem. 9: 205. 1930, described here.

[Hack. ex Jav. Magyar Fl. 1: 100. 1924, short descr.
in Hungarian. No basis given but "Hack" given after
var.]

Based on *F. ovina* var. *pseudovina* subv. *rutila* Hack.

["without descr." in our Catalog]

(Hungary) Rumania

Festuca pseudovina var. *salina* (Kern.) Richt. Fl. Eur.

1: 95. 1890.

Based on *Festuca ovina* ssp. *sulcata* var. *pseudovina*
subv. *salina* Kern ap. Hack.

Europe

Festuca pseudovina var. *Sendtneri* Richt. Fl. Eur.

1: 95. 1890.

Based on *F. ovina* var. *pauciflora* Kumm. & Sendtn.

Europe - U.S.S.R.

Festuca pseudovina var. *tenuissima* (Hack.) Richt. Fl.

Eur. 1: 95. 1890.

Based on *Festuca ovina* ssp. *sulcata* var. *pseudovina*
subv. *tenuissima* Hack.

Europe

Festuca psilantha Link, Linnaea 17: 398. 1843.

"in Italia superiore hinc inde."

Festuca pubescens Willd. Enum. Fl. Suppl. 6. 1813,

nom. nud.; ex Link, Enum. Fl. Berol. 1: 91. 1821.

Not Zea, 1817.

(Link cites the Willd. ref. after name)

"Hab. in Hungaria."

(Hungary) Rumania

Festuca pubescens Zea ex Roem. & Schult. Syst. Veg.

2: 728. 1817.

"ex Hispania"

Festuca pubescens Wulf. Fl. Nor. Phan. ed. Fenzl. &

Graf. 146. 1858. Not Link, 1821 nor Zea 1817.

"In pratis in der Sattiz."

Austria

Festuca pubescens var. *pumila* (Chaix) Link, Hort. Berol.

2: 268. 1833.

Based on "*F. pumila* [Chaix in] Vill."

Festuca pubinervis Vick. Contr. N. S. Wales Nat. Herb.

1: 7. 1939.

n. nom. "*Festuca triticoides* Steud. Syn. Fl. Gran.
(1854) p. 315, non Lamarck (1791)."

"Loc. West Australia: South-west Australia, Drummond
No. 150. (Type number, K.)"

K: The Herbarium, Royal Botanic Gardens, Kew

Festuca puccinellii Parl. Fl. Ital. 1: 440. 1848.

"Alpi Apuane al Pisanino....prof. Puccinelli."

Italy

Festuca pulchella Schrad. Fl. Germ. 1: 336. pl. 5. f. 5.

1806.

"In alpinis Salisburgensibus in sic dictis Tofern
vallis Grossarl (Mielichhofer)."

Austria

Festuca pulchella Dietr. Vollst. Lex. Gaertn. Bot.

Nachtr. 3: 340. 1817. Not Schrad. 1806.

"Auf Alpen und Voralpen in Oesterreich und Tyrol,
an der Pasterze am Grossglofner"

Austria

Festuca pulchella var. *angustifolia* (DuRoi.) Becher.

Bericht. Schweiz. Bot. Ges. 37: 148. 1928.

Based on *F. scheuchzeri* var. *angustifolia* DuRoi.

Reoulet, France

Festuca pulchella ssp. *eu-pulchella* Kraj. Veröfentl.
Geobot. Inst. Rübél 10: 52. 1933.

"*F. pulchella* subv. *typica* Hack. Mon. Fest. eur. 192.
1882," cited as syn.

alpinus Salisburgensis
Austria

Festuca pulchella var. *latifolia* (Ducommun) Becher.
Bericht. Schweiz. Bot. Ges. 37: 148. 1928.

Based on *F. scheuchzeri* var. *latifolia* Ducommun.
Switzerland

Festuca pulchella subv. *plicata* Huter ex Hack. Monogr.
Fest. Eur. 192. 1882.
"Huter in exsicc."

"in m. Jura (Colombier de Gex, Vallon d'Ardran),
Tyrolia australi (Ampello 1. Huter) et Transsylvania
(m. Butsets 1. Schur.)."

Austria to Rumania

Festuca pulchella ssp. *scheuchzeriformis* (Schur) Kraj.
Veröfentl. Geobot. Inst. Rübél 10: 51. 1933.
[*F. pulchella* b) *scheuchzeriformis* (Schur) Richt.
1890 cited as syn.]

Based on *F. Scheuchzeriformis* Schur
im Jalomitthal bei Kronstait
(Hungary) Rumania

Festuca pulchella var. *scheuchzeriformis* (Schur) Richt.
Fl. Eur. 1: 106. 1890.

Based on *Festuca scheuchzeriformis* Schur
Kronstait--Rumania

Festuca pulchella ssp. *scheuchzeriformis* var. *bucogioa*
Kraj. Veröfentl. Geobot. Inst. Rübél 10: 52. 1933.

"Muntii Bucogi in Transylvania."
(Hungary) Rumania

Festuca pulchella ssp. *scheuchzeriformis* var. *plicata*
(Huter) Kraj. Veröfentl. Geobot. Inst. Rübél
10: 52. 1933.

Based on *F. pulchella* subv. *plicata* Huter ex Hack.
"Huter in exsicc."

Europe
Austria - Rumania

Festuca pulchra Schur, Enum. Fl. Transsilv. 735. 1866.

"Auf bewachsenen sandigen Hügeln: um den alten
Berg bei Hermanstadt. Juni 1848."

Rumania

Festuca pumila Chaix in Vill. Hist. Dauph. 1: 316.
1786, with brief descr.; 2: 102. 1787.

"in alpinis, à Chaudun"
France

Festuca pumila Host, Icon. Desor. Gram. Austr. 2: 65.
pl. 91. 1802. Not Chaix, 1787.

"In alpinis austriacis, styriacis."
Austria

Festuca pumila Vill. Willk. Linnaea 25: 66. 1852,
without descr. Not Chaix, 1786.

"Rehb. 10. Fl. germ. f. 316." cited.

Festuca pumila ssp. *alpestris* (Roem. & Schult.) Litard.
Candollea 10: 112. 1945.

Based on *F. alpestris* Roem. & Schult.
Europe

Festuca pumila var. *alpestris* (Roem. & Schult.) Fiori,
Musc. Fl. Anal. Ital. 1: 139. 1923.

Based on *F. alpestris* Roem. & Schult.
Europe

Festuca pumila var. *elatior* Mutel, Fl. Franç. 4: 107.
1837.

"Lautaret (Mut.)" [France]

Festuca pumila ssp. *eskia* (Ramond) Litard. Candollea
10: 112. 1945.

Based on *F. eskia* Ramond in DC.
Europe

Festuca pumila ssp. *eu-varia* (Hack.) Litard. Candollea
10: 112. 1945.

Based on *F. varia* ssp. *eu-varia* Hack.
Europe

Festuca pumila ssp. *eu-varia* var. *aemula* (Hack.) Litard.
Candollea 10: 114. 1945.

Based on *F. varia* ssp. *flavescoens* var. *aemula* Hack.
a cl. Burnat in valle Sabione supra Entraque (juxta
Col de Sabione)
Europe

Festuca pumila ssp. *eu-varia* var. *caucasica* (St.-Yves)
Litard. Candollea 10: 112. 1945.

Based on *F. varia* ssp. *eu-varia* var. *caucasica* St.-
Yves.
Caucasus, U.S.S.R.

Festuca pumila ssp. *eu-varia* var. *croatica* (Hack.)
Litard. Candollea 10: 113. 1945.

Based on *F. varia* var. *croatica* Hack.
"*F. pungens* Kit....non Lam. nec Vahl, nec Ten."
also cited, but Litard. gives "Hack." in parenthesis.

Von Kitaibel auf der Alpe Flissivica und Debelo Brdo
gesammelt.
Europe

Festuca pumila ssp. *eu-varia* var. *croatica* subv. *Kitaibelii* (St.-Yves) Litard. Candollea 10: 113. 1945.

Based on *F. pungens* Kit. s. str.
F. varia ssp. *eu-varia* var. *croatica* subv.
Kitaibelii St.-Yves

Auf den Alpen in Kroatien, Kit.
Austria

Festuca pumila ssp. *eu-varia* var. *croatica* subv. *pseudo-*
xanthina (Bohl.) Litard. Candollea 10: 113. 1945.

Based on *F. varia* var. *pungens* subv. *pseudo-xanthina*
Rohlena
Montenegro: ...in...montium Kom Vasojevički et Lovćen,
Montenegro

Festuca pumila ssp. *eu-varia* var. *cyllenica* (Boiss. &
Heldr.) Litard. Candollea 10: 113. 1945.

Based on *F. cyllenica* Boiss. and Heldr.
"Boiss. et Heldr. in pl. Graec. exs. 1849."

"Hab. in saxosis regionis alpinae montis Kyllones
Peloponnesi...(Heldreich)."

Balkan Peninsula

Festuca pumila ssp. *eu-varia* var. *cyllenica* subv. *eu-*
cyllenica (St.-Yves) Litard. Candollea 10: 113. 1945.

Based on *F. varia* ssp. *eu-varia* var. *cyllenica* subv.
eu-cyllenica St.-Yves, which is based on *F. varia*
ssp. *eu-varia* var. *cyllenica* Hack. s. str.

Greece

Festuca pumila ssp. *eu-varia* var. *graeca* (Hack.)
Litard. Candollea 10: 112. 1945.

Based on *F. varia* ssp. *eu-varia* var. *genuina* subv.
graeca Hack.

"*Ornecciae* (subv. in m. Tymphresto 1. Heldr.)"
Greece

Festuca pumila ssp. *eu-varia* var. *major* (Neilr.) Litard.
Candollea 10: 112. 1945.

Based on *F. varia* var. *major* Neilr.
Nieder-Oesterreich
Austria

Festuca pumila ssp. *eu-varia* var. *scabriculumis* (Hack.)
Litard. Candollea 10: 114. 1945.

Based on "*F. varia* ssp. *eu-varia* var. (v. subvar.?)
scabriculumis Hack."

[*F. varia* var. ? *scabriculumis* Hack.]
Maritime Alps, Europe

Festuca pumila ssp. *eu-varia* var. *scabriculumis* subv.
spreti (St.-Yves) Litard. Candollea 10: 114. 1945.

Based on *F. varia* ssp. *eu-varia* var. *scabriculumis*
subv. *spreti* St.-Yves

Nous n'avons pas vu la plante de Mutel, mais nous
avons pu étudier au Valentin, dans l'herbier de
l'Institut Bot. Turin, un échantillon récolté dans
le vallon du Rio Negro, entre le col du Pizzo d'Ormon
et le Rio Re Brano, au-dessus de Viozene, par MM.
Vallino, Gola et Ferrari le 30 VI 08...Nous y avons
reconnu notre *spreti*."

Region alpine
France

Festuca pumila ssp. *eu-varia* var. *scabriculumis* subv.
vulgaris (St.-Yves) Litard. Candollea 10: 114. 1945.

Based on *F. varia* ssp. *eu-varia* var. *scabriculumis*
subv. *vulgaris* St.-Yves, Ann. Cons. Jard. Geneve
17: 179. 1913.

Alpes maritimes--
France; Italy

Festuca pumila ssp. *eu-varia* var. *scabriculumis* subv.
vulgaris f. *laevis* (Hack.) Litard. Candollea
10: 145. 1945.

Based on *F. varia* ssp. *eu-varia* var. *scabriculumis*
subv. *vulgaris forma laevis* Hack.

Region alpine--Eur.

Festuca pumila ssp. *eu-varia* var. *valida* (Uechtr.)
Litard. Candollea 10: 113. 1945.

Based on *F. varia* ssp. *valida* Uechtr.

In saxosis excolis alpinis m. Vitoša (Pančić, Vele-
novsky), m. Kom supra Berkovica (Velenovsky, Vandas),
m. Cedar (Pančić), m. Rilo (Pančić, Velenovsky)

Bulgaria

Festuca pumila ssp. *eu-varia* var. *Woronowii* (Hack.)
Litard. Candollea 10: 113. 1945.

Based on *Festuca Woronowii* Hack.

"Hab. prov. Batum, distr. Artvin. In pratis alpinis
montis Karčchal...30. VII. 1911 leg. N. Wiedensky."
Hack. herb.

Transcaucasia, Russia

Festuca pumila ssp. *eu-varia* var. *Woronowii* subv.
Hackelii (St.-Yves) Litard. Candollea 10: 113. 1945.

Based on *F. Woronowii* Hack. s. str.
F. varia ssp. *eu-varia* var. *Woronowii* subv.
Hackelii St.-Yves

Transcaucasia U. S. S. R.

Festuca pumila ssp. *eu-varia* var. *Woronowii* subv. *scabra*
(St.-Yves) Litard. Candollea 10: 113. 1945.

Based on *F. varia* ssp. *eu-varia* var. *Woronowii* subv.
scabra St.-Yves.

"Daghestan austr.: Mt. Dajerdjusi, près Kurush, leg.
A. Becker 1874, ex herb. Trautvetter (herb. Petrop.)."

Russia, Europe

Festuca pumila var. *flavescens* (Bell.) Fiori, Nuov. Fl. Anal. Ital. 1: 138. 1923.

Based on *F. flavescens* Bell.
Same comb. Litard, Candollea 10: 115. 1945.

Italy

Festuca pumila var. *lutea* Ser. ex Ducommun, Taschenb. Schweiz. Bot. 882. 1869.

"Oberwallis" [Switzerland]

Festuca pumila ssp. *pumila* (Chaix) Litard, Candollea 10: 114. 1945.

Based on *F. pumila* Chaix in Vill.

Chaudun, France

Festuca pumila ssp. *pumila* var. *Jaccardii* (St.-Yves) Litard, Candollea 10: 115. 1945.

Based on *F. varia* ssp. *pumila* var. *Jaccardii* St.-Yves

"Habit.-Suisse; Haut de Mex près St. Maurice, leg. H. Jaccard, 1893 (herb. Laus. et herb. St.-Y.)"...

Switzerland

Festuca pumila ssp. *pumila* var. *minor* (Neilr.) Litard, Candollea 10: 114. 1945.

Based on *F. varia* var. *minor* Neilr.

Austria

Festuca pumila ssp. *pumila* var. *minor* subv. *maoantha* (St.-Yves) Litard, Candollea 10: 115. 1945.

Based on *F. varia* ssp. *pumila* var. *eu-pumila* subv. *maoantha* St.-Yves

Europe

Festuca pumila ssp. *pumila* var. *minor* subv. *rigidior* (Mutel) Litard, Candollea 10: 115. 1945.

Based on *F. pumila* var. *rigidior* Mutel

"var. b. Grande-Chartreuse, la Fra sudessus de Revel, Lautaret, etc. (Mut.)"

France

Festuca pumila ssp. *pumila* var. *minor* subv. *Villarsii* (St.-Yves) Litard, Candollea 10: 115. 1945.

Based on *F. varia* ssp. *pumila* var. *eu-pumila* subv. *Villarsii* St.-Yves

Festuca pumila ssp. *pumila* var. *Wilczekiana* (St.-Yves) Litard, Candollea 10: 115. 1945.

Based on *F. varia* ssp. *pumila* var. *Wilczekiana* St.-Yves.

Zernatt, Switzerland

Festuca pumila var. *rigida* Ducommun, Taschenb. Schweiz. Bot. 882. 1869.

Cites: "(*F. varia* Schl. non Haenke)"

[Switzerland]

Festuca pumila var. *rigidior* Mutel, Fl. Franç. 4: 107. 1837.

"Grande-Chartreuse, la Fra sudessus de Revel, Lautaret, etc. (Mut.) [France]"

Festuca pumila ssp. *sardoa* (Haack.) Litard, Candollea 10: 115. 1945.

Based on *F. varia* ssp. *sardoa* Haack, 1884.

"In...montis Limbarde, prope Tempio Sardiniae, leg. E. Reverchon, 4 Julii 1882."

Italy

Festuca pumila var. *sardoa* (Haack.) Fiori, Nuov. Fl. Anal. Ital. 1: 139. 1923.

Based on *F. varia* ssp. *sardoa* Haack, 1884.

Italy

Festuca pumila ssp. *scoparia* (Kern. & Haack.) Litard, Candollea 9: 479. 1943.

Based on *F. varia* ssp. *scoparia* Kern. & Haack.

[Central Pyrenees] au Canigou, à la vallée d'Arns, à la Piquette d'Endretlis

France

Festuca pumila ssp. *scoparia* var. *eu-scoparia* (St.-Yves) Litard, Candollea 9: 479. 1943.

Based on "*F. varia* ssp. *scoparia* var. *scoparia* St.-Yves."

["*eu-scoparia*" St.-Yves]

North Africa

Festuca pumila ssp. *scoparia* var. *eu-scoparia* subv. Gautieri (Haack.) Litard, Candollea 9: 479. 1943.

Based on *F. varia* ssp. *scoparia* var. *Gautieri* Haack.

Pyrenees

Festuca pumila ssp. *scoparia* var. *eu-scoparia* subv. Gautieri f. *Kernerii* (St.-Yves) Litard, Candollea 9: 479. 1943.

Based on *F. varia* ssp. *scoparia* var. *eu-scoparia* subv. *Kernerii* St.-Yves

Festuca pumila ssp. *scoparia* var. *lutea* (Haack.) Litard, Candollea 10: 116. 1945.

Based on *F. varia* ssp. *scoparia* var. *lutea* Haack.

Transylvania: ...in...montis Oesem-Teteje prope Ss. Domokos lg. Schur.

Rumania

Festuca pumila var. *typica* Fiori, Nuov. Fl. Anal. Ital. 1: 138. 1923.

France

Festuca pumila var. *varia* (Haenke) Fiori, Nuov. Fl. Anal. Ital. 1: 138. 1923.

Based on *F. varia* Haenke.

Austria

Festuca pumila ssp. *xanthina* (Roem. & Schult.) Litard, Candollea 10: 115. 1945.

Based on *F. xanthina* Roem. & Schult.

[*F. flavescens* Host, Gram. austr. 3: tab. 19 (1805) non Bell. also cited, but Roem. & Schult. given in parentheses] also cited.

Ad rupes calcareas Mehadise circa thermas Heroulis, et in Helvetia.

Switzerland: Austria

Festuca pumila subsp. *xanthina* var. *Adamovicii* (St.-Yves) Litard, Candollea 10: 115. 1945.

Based on *F. varia* subsp. *xanthina* var. *Adamovicii* St.-Yves.

Habit.-Serbie: Stara Planina et Alexandrowa, Alam. Fl. balc. sub: "*F. varia*" et sub: "*F. violacea*" (herb. Deless.)

Servia, Europe

Festuca pumila ssp. *xanthina* var. *eu-xanthina* (St.-Yves) Litard, Candollea 10: 115. 1945.

Based on *F. varia* ssp. *xanthina* var. *eu-xanthina* St.-Yves.

Servia

Festuca pumtorica Sibth. & Smith, Fl. Graeco. Prodr. 1: 60. 1806.

"In itinere montem Olympum Bithyniae versus, vel in ipso monte, legit Sibthorp."

Greece

Festuca pungens Vahl, Symb. Bot. 1: 10. pl. 2. 1790.

"*Festuca mucronata* Forsk." cited.

Arabia

Festuca pungens Lam. Fl. Franç. II. 3: 596. 1793.
Not Vahl, 1790.

"...foliis pungentibus Tournef. 516."

France

Festuca pungens Kit. in Schult. Oesterr. Fl. ed. 2. 1: 237. 1814. Not Vahl, 1790.

"Auf den Alpen in Kroatien, Kit. 74)." |

Austria

Festuca pungens var. *Achtaroffi* Pénzes, Borbásia 3: 2, 9. pl. 1. f. 1a, 1b.; pl. 2. f. 1, 1a. 1941.

"Typus: Montes Pirin: Sinanica (Bulgaria) 2050-2200 m.s m., in rup. calcar. in herb. neo."

Festuca pungens f. *albanica* Hayek, Denkschr. Akad. Wiss. Math. Naturw. (Wien) 99: 220. 1924.

"Auf felsigem Boden am Gipfel des Marana; (D. Eks. Nr. 31)."

[Dörfler, Coll. Albania]

Europe

Festuca pungens var. *ochlorantha* Beck, Wiss. Mitt. Bosn. Herzeg. 9: 451. 1904.

Based on *Festuca bosniaca* "[var. *flavescens* Kumm. u. Sendt., nicht Bell.]"

[Sendtner 64 is type of *F. bosniaca* Kummer]

Bosnia, Jugo-Slavia (Sendtner 65)

Festuca pungens var. *eu-pungens* Pénzes, Borbásia 3: 9. pl. 1. f. 2, 2a, 2b; pl. 2. f. 2. 1941.

"*F. bosniaca* Kumm. & Sendtn." cited as syn.

"Typus: Velebit, leg. Kitaibel. Orig. No. 145 in herb. Mus. Budapest."

Europe

Festuca pungens var. *pseudocalpestris* Pénzes, Borbásia 3: 1, 4, 9. 1941.

"Typus: Monte Baldo (Italia) leg. Richter A. 1909 in herb. Mus. Budapest."

Hungary

Festuca pungens var. *pseudoxanthina* Rohlfs, Repert. Sp. Nov. Fedde 17: 33. 1921, as syn. of *F. varia* var. *pungens* subv. *pseudoxanthina* Rohlfs

Europe

Festuca purpurascens Banks & Soland. ex Hook.f. Fl. Antarct. 383. pl. 140. 1847.

"Hab. Strait of Magalhaens; Port Famine, Capt. King; Piegia; Good Success Bay, Banks and Solander, C. Darwin, Esq."

Magellan

Festuca purpurascens var. *aristata* E. Desv. in C. Gay, Fl. Chil. 6: 429. 1853.

"San Carlos, provincia de Chiloe, sobre las peñas a la orilla del mar (Gay)."

Chile

Festuca purpurascens var. *platyphylla* (Steud.) St.-Yves,
Candollea 3: 271. 1927.

Based on *F. platyphylla* Steud.

"Hrb. Lechler 1224. Sandy Point, Magellan."

Chile

Festuca purpurascens var. *submutica* E. Desv. in C.
Gay, Fl. Chil. 6: 429. 1853.

"La Tierra del Fuego (Banks y Solander); Puerto del
Hambre (Hombro). Sitios herbosos en los Llanos, pro-
vincia de Valdivia (Gay)."

Festuca purpurea Schreb. ex Steud. Nom. Bot. ed. 2.
1: 632. 1840, as syn. of *Uralespis ouprea*.

= *Tridens flavus* Man. U. S.

Festuca purpurea (Walt.) F. Muell. Sol. Fl. Indust.
Cult. 88. 1876.

Based on "*Uralespis purpurea* Nutt." [this based on
Aira purpurea Walt.]

South Carolina

= *Triplasis purpurea* Man. U. S.

Festuca pusilla Banks & Soland. ex Hook.f. Fl. Antarct.
380. 1847, as syn. of *Tridens antarctica* Hook.;
Trans. Roy. Soc. Victoria 18: 38. 1889, nom. semi-
nud. Comments but no real description.

"Culminations of the Owen Stanley's Ranges."
New Guinea

Festuca pusilla Buckl. Proc. Acad. Phila. 1862: 98.
1862.

"Upper California, Nuttall."

= *F. ectoflora* var. *hirtella* Piper Man. U. S.
ed. 2.

Festuca pyramidata Link, Journ. Bot. Schrad. 2: 315.
1799.

"In tiefen Sande jenseit des Tagus."
Portugal

Festuca pyrenaica Reut. Cat. Sem. Hort. Genev.
4: 1861.

"Hab. in Pyrenaeis centralibus inter lapides, Port
de Venasque, Pena blanco, Cirque de Gavarnie."
France

Festuca pyrogea Speg. Anal. Mus. Nac. Buenos Aires
5: 97. 1896.

"Hab. Semel tantum caespites plures inventi in
scopulis prope Ushuáia."

[Plantae per Fuegiam a Carole Spegazzini anno 1882
collectae.]

Patagonia

Festuca pyrogea var. *elata* Parodi, Rev. Arg. Agron.
(Buenos Aires) 20: 197. 1953.

Argentina: Rio Negro: Bariloche, leg. L. E. Parodi
no. 11643, 3-II-1934 (Typus varietatis); ----

Festuca quadridens Peir in Lam. Encycl. Suppl. 2: 640.
1812.

"Cette plante croît à la Caroline, où elle a été
découverte par H. Bosc. (V.s.)"

= *Tridens flavus* Man. U. S.

Festuca quadridens Bosc. ex Trin. Mém. Acad. St. Pétersb.
VI. Sci. Nat. 24: 76. 1836, as syn. of *Eragrostis*
tricuspis Trin. Not Fair, 1812.

= *Tridens flavus* Man. U. S.

Festuca quadridentata H.B.K. Nov. Gen. & Sp. 1: 154.
1816; 7: pl. 690. 1825.

"Crescit copiose in siccis humidisque regni Quitensis
prope Guamote et in radiobus montis altissimi Com-
doraste, alt. 1590 hexap."

Andes Gr.

Ecuador

Festuca quadridentata ssp. *eminens* (Kunth) St.-Yves,
Candollea 3: 266. 1927.

var. *typica* St.-Yves
Spec. exam.--S. loc. ex herb. Humb. & Bonpl.
(herb. Berlin)

Based on *F. eminens* Kunth

= " " " " Andes Gr.

Quito, Ecuador

Festuca quadridentata ssp. *eminens* var. *caldasii* (H.B.K.)
St.-Yves, Candollea 3: 266. 1927.

Based on *Bromus caldasii* H.B.K.

= " " " " Andes Gr.

Ecuador

Festuca quadridentata ssp. *kunthiana* St.-Yves, Candollea
3: 263. 1927.

var. *genuina* St.-Y. = *F. quadridentata* H.B.K. s. str.

"Spec. exam.--Equateur: Guamote, herb. Bonpland no.
3221! (herb. Mus. Paris et herb. Berlin); Paramo del
Alao, prps le Rio Pamba, Stubel no. 265 (herb. Berlin).
--Pérou, Départ. de Cuzco: au-dessus d'Urubamba, We-
berbauer Fl. Per. No. 4923 (herb. Berlin)."
Status viviparus.

Spec. exam.--Pérou. Prov. de Cajatambo: Chiquian,
Weberbauer Fl. Per. No. 2662 (herb. Berlin)."

= *F. quadridentata* Andes Gr.

Festuca quadridentata ssp. *kunthiana* var. *dichoclada*
(Pilger) St. Yves, Candollea 3: 265. 1927.

Based on *F. dichoclada* Pilger

= " " " " "

Peru: Dep. Arecha.

Weberbauer 3230

Festuca quadriflora Honok. Vers. Allg. Gew. Deutschl.
268. 1782.

Germany

Festuca quadriflora Walt. Fl. Carol. 81. 1788.
Not Honok 1782.

[Flora Caroliniana]

= *F. solurea*? Man. U. S.

Festuca quartiniama A. Rich. Tent. Fl. Abyss. 2: 435.
1851.

"Crescit juxta Maigouagoua, in provincia Chire"
(Quartin Dillon)."

Abyssinia

Festuca Queriana Litarrière, Cavanillesia 8: 54. pl. 2.
f. 1-6. 1936.

"Hab. in ericetis Hispaniae boreo-occidentalis (prov.
Legionensis), prope jugo "Fuerte del Manzanal" dicto,
ad alt. 1170 m., ubi ol. F. Font Quer et ol. W.
Rothmaler leg. d. 12 Julii 1935.--Typus in Herbario
Scientiarum Naturalium Barcinonensis Musei."

Spain

Festuca quitensis Spreng. Syst. Veg. 1: 356. 1825.

*Quito (*Bromus unioloides* Kunth. *Macronatus* W. herb.)

Festuca quitensis Willd. ex Nees, Agrost. Bras. 473.
1829, as syn. of *F. pilosa* Willd. ex Nees.
Not Spreng 1825.

Name in Willd. Herb. as syn. of *F. pilosa* Nees, this
the basis of *Steiraohne pilosa* (Nees) Elman, as syn.
of *Steiraohne diandra* Elm.

Brazil

= *Steiraohne*

Festuca quitensis Willd. ex Kunth, Enum. Fl. 1: 407.
1833, as syn. of *F. caldasii* Kunth. Not Spreng.
1825, nor Nees 1829.

Festuca racemifera Trin. in Steud. Nom. Bot. ed. 2.
1: 632. 1840, nom. nud.

"Trin. mpt."

"Am. Austr." "*F. tenella* (Nees in Mant. Fl. Bras.)"

Brazil

Festuca racemosa Willd. ex Spreng. Syst. Veg. 1: 352.
1825, as syn. of *F. andicola* Humb. [H.B.K.]

Ecuador

Festuca racemosa Kit. Linnaea 32: 313. 1863, nom. nud.
Not Willd. ex Spr. as syn. 1825.

Europe

Festuca radicans (Dum.) Steud. Syn. Fl. Glum. 1: 309.
1854.

Presumably based on *Schedonorus radicans* Dum.

Steud. cites "Dumort. agr. belg. 116" as if published
there. There is no *Fest. radicans* Dum. but on op.
cit. 106 is *Schedonorus radicans* Dum.

Europe

Festuca ramosa (L.) Roth, Nov. Fl. Ind. Orient. 76.
1821.

Based on *Bromus ramosus* Linn.

"Oriente (D. Schreber)"

Festuca ramosa (L.) Guss. Fl. Sic. Prodr. 1: 110. 1827.

Based on *Bromus ramosus* L.

Same comb. as made by Roth, but Gusseni applies the
name to a grass of Sicily

Sicily

Festuca reclinata Swallen, Contr. U. S. Nat. Herb.
29: 254. 1949.

Type in the U. S. National Herbarium, No. 1798714,
collected on Paramo de Almorzadero, Cordillera
Oriental, Department of Santander, Colombia, altitude
3,500-3,700 meters, July 20, 1940, by J. Cuatrecasas
and H. García Barriga (No. 9970).

Festuca recognita Reverd. Anim. Syst. Univ. Tomsk.
1928(3-4): 7. 1928.

Asiatic Russia [place in Russian descr. in
Latin]

Festuca rectisetata (Nees) Walp. Ann. Bot. 1: 943. 1849.

Based on *Vulpia rectisetata* Nees

Australia Occ.
Herb. Preiss. no. 1819.

Festuca reflexa Buckl. Proc. Acad. Phila. 1862: 98.
1862.

"Upper California, Nuttall." Man. U.S.

Festuca refracta Krok. Fl. Siles. Suppl. 1: 172.

Europe

[Anton Johann, "Fl. silesiaca renovata 1787. 1: 374 pp. 2]
in Bradley; in Fritzel "Fl. silesiaca renovata,
emendata...1787-1823. 1: 1787. XXXVI, 639."
"Suppl. 1" no dates in Ind. Kew.--does this refer
to "renovata, emendata" etc.?

Festuca Regeliana Pavl. Bull. Soc. Nat. Moscou Sect.
Biol. 47: 80. 1938.

F. arundinacea var. *aristata* Hegel...p.p." cited.
"Typus sp.: Montes Karatau, in pratis humidis prope
pag. Vannevskeje ad ripas fl. Arysa. 1/VI 1931 exs.
No. 102, Ig. N. V. Pavlov (in Hb. Univers. Mosq.
coms.)."

Turkestan U.S.S.R.

Festuca Regelii Pavl. Sovietsk. Bot. No. 1. 19. 1934,
in obs. in Russian.

Turkestan

Festuca remota Kit. Linnaea 32: 313. 1863.

"Pauli Kitaibelii. Floram Hungaricam."

Festuca remotiflora Steud. Syn. Fl. Glum. 1: 315. 1854.

"Ex herbo Musci Lugd. Bat. Japonia."

Japan

Festuca repens Knapp, Gram. Brit. pl. 119. 1804.

"Amidst the loose sands on several of our sea
shores...not however peculiar to the vicinity of
the sea, but vegetates in alpine regions; upon the
Moffat hills, Dumfries, it is plentiful."

Scotland

Festuca repens Hegetschw. & Heer, Fl. Schweiz 92.
1840. Not Knapp, 1804.

"Hin und wieder in lockerer Erde in Alpgegenden."

Switzerland

Festuca repens Trin. ex Steud. Nom. Bot. ed. 2.
1: 632. 1840, nom. nud.

Festuca reptans Vetter, Verh. Zool. Bot. Ver. Wien
65: 153. 1915.

F. rubra X *vallesiaca* vel *F. rubra* X *pseudovina* ?
bei Staats an der Staatsbahn

Austria

Festuca reptatrix L. Sp. Fl. 108. 1762.

"Habitat in Arabia, Palaestina."

Festuca restituta Steud. Syn. Fl. Glum 1: 314. 1854.

"*F. simensis* var. *lucidula* Hochst. nr. 684, 1384.
Hrb. un. it. *F. Schimperiana* Rich. Abyssin."

Africa

Festuca reverchonii Hack. Oesterr. Bot. Zeitschr.
53: 39. 1903.

"Hispania: Sra del Pinar, in aridis calcareis, 1900
m.s.m. leg. E. Reverchon (ann. 1900)."

Spain

Festuca rhachiantha Steud. Syn. Fl. Glum. 1: 302. 1854.

"Collectanea Boissier. Castella."

Spain

Festuca rhaetica Suter, Fl. Helv. 1: 56. 1802.

"In humidis Alpium Rhaeticarum."

Tyrol

Festuca rhomboidea Kit. Linnaea 32: 314. 1863.

"Habitat in graminosis subalpinis Croatiae."

Jugo Slavia

Festuca richardsonii Hook. Fl. Bor. Amer. 2: 250. 1840.

"Arctic sea-coast, Dr. Richardson."

Festuca richardsonii ssp. *oryophila* (Kreoz. & Boer.)

Löve & Löve, Act. Hort. Götting. 20: 85, 103. 1956.

Basis not cited. *Festuca oryophila* Kreoz. & Boer.
only authors.

Siberia

Festuca richardsonii ssp. *oryophila* f. *vivipara* (Holmb.)

Löve & Löve, Act. Hort. Götting. 20: 105. 1956.

Based on *F. rubra* var. *mutua* f. *vivipara* Holmb.

Festuca richardsonii ssp. *fraterculae* (Rasm.) Löve &

Löve, Act. Hort. Götting. 20: 103. 1956.

Based on *F. rubra* var. *fraterculae* Rasm. 1927.

Based on Puffin cliffs, Faroe Islands

North Atlantic

Festuca rifana Litard. & Maire, Mem. Soc. Sci. Nat.

Mareo 17: 13. 1927.

"Hab. in Cedretis Montis Timellatin.Typus in
Herb. Univers. Algeriensis, in Herb. Inst. Imper.
Scient. Babatensis et in Herb. R. de Litardière."

[L. Emberger & R. Maire, Cell.]

Atlas rifain-Northern Afr. June 1926.

Morocco

Festuca rigens Trin. ex Steud. Nom. Bot. ed. 2.

1: 632. 1840, as syn. of *F. rigida* [no author]
Roth?

Trin. mpt.

Festuca rigescens (Presl) Kunth, Enum. Fl. 1: 403.

1833; Rév. Gram. 1: Suppl. XXXI. 1830.

Based on: "Diplachne rigescens Presl."

Peru

Festuca rigescens Trin. ex Boiss. Fl. Orient. 5: 638.

1884, as syn. of *Scleropoa rigida* var. *Trinii* Boiss.

"Arenosis, Maris Caspii"

Caspian Sea

Festuca rigida Roth, Catal. Bot. Fasc. 1: 12. 1797.

"Habitat in Hispania."

Spain

Festuca rigida (L.) Raspail, Ann. Sci. Nat. 5: 445.
1825. Not Roth, 1797.

Based on "*Poa rigida* L."

= *Scleropoa rigida* (L.) Griseb.

Europe

Festuca rigida Guss. ex Steud. Nom. Bot. ed. 2.
1: 632. 1840, as syn. *Tritium ciliatum*. Not
Roth, 1797.

Festuca rigida var. *glaucescens* (Guss.) Aschers. &
Graebn. Syn. Mitteleur Fl. 2: 546. 1901.

Based on *Poa rigida* var. *glaucescens* Guss.

= *Sclerophloea rigida* var. *glaucescens* Guss.

Sicily

Festuca rigida var. *gracilis* Mutel, Fl. Franc. 4: 118.
1837.

"depuis la Normandie et Paris jusque dans l'ouest,
le Midi, le Sud-Est, la Corse et la Barbarie;
Manque dans le Nord-Est."

[France]

Festuca rigida var. *hemipoa* (Delile) Cess. & Dur.

Expl. Sci. Alger. 2: 182. 1855.*

Based on *F. hemipoa* Delile ex Spreng.

*Acc. to Stearn, sheets 16-20 [err. by Stearn for
30] (i.e. pp. 121-241 [err. by Stearn for 240])
Vol. 2 betw. Apr. 1855 and Oct. 1855.

Montpellier France

Festuca rigida var. *nana* Kuntze, Act. Hort. Petrop.

10: 251. 1887.

= *Fuccinellia*

Baku on Caspian Sea

Baku, U.S.S.R.

Festuca rigida var. *patens* (Presl) Aschers. & Graebn.

Syn. Mitteleur. Fl. 2: 546. 1901.

Based on *Sclerophloea patens* Presl

= *Scleropoa*

Sicily

Festuca rigida var. *robusta* (Duval-Jouve) Aschers. &

Graebn. Syn. Mitteleur. Fl. 2: 546. 1901.

Based on *Scleropoa rigida* var. *robusta* Duval-Jouve

= *Scleropoa*

Montpellier, France

Festuca rigida var. *Trinii* (Boiss.) Aschers. & Graebn.

Syn. Mitteleur. Fl. 2: 546. 1901.

Based on *Scleropoa rigida* var. *Trinii* Boiss.

= *Scleropoa*

near Caspian Sea, U.S.S.R.

Festuca rigida subvar. *umbrosa* Cess. & Germ. Fl.

Env. Paris ed. 2. 842. 1861.

Cites: *Sclerophloea patens* Presl.

[France]

Festuca rigida var. *vulgaris* Coss. & Dur. Expl. Sci. Alger. 2: 182. 1855.*

(under var. *vulgaris*) subvar. *patens* (Presl) Coss. & Dur. l.c. prope Polizzi [Sicily]

= *Scleropoa* Algeria, Africa

*Acc. to Stearn, sheets 16-20 [err. by Stearn for 30] (i.e. pp. 121-241 [err. by Stearn for 240]) Vol. 2, betw. Apr. 1855 and Oct. 1855.

Festuca rigidier (Mutel) Richt. Fl. Bur. 1: 105. 1890.

Based on *F. pumila* var. *rigidier* Mutel fl. Franco. IV. p. 107. 1858.

Grande-Chartreuse France

Festuca rigida-asper Steud. Syn. Fl. Glum 1: 317. 1854.

"*Festuca rigida* Roth.....Hispania"

= *Brachypodium distachyon* (L.) R. & S.

Festuca rigidula Steud. Syn. Fl. Glum 1: 314. 1854.

"*F. sinensis* var. *lucidier* Hochst. in Hrbe. a Schimper Argentorat. misse....Abyssinia."

Festuca Rigo Ruter, Oesterr. Bot. Zeitschr. 58: 31. 1908.

(= *F. elatior* X *Lolium multiflorum* Lam.)

leg. Rigo.

"Venetia + + supra Torri del Banaco" [Tirol]

Festuca Rigo var. *Ruteri* Rigo, Oesterr. Bot. Zeitschr. 58: 31. 1908.

Europe

Festuca rigurosa Schur, Enum. Fl. Transsilv. 790. 1866.

"An steilen sonnigen Abhängen; an den Nagelfluhwanden am Altfluss bei Talmats; auf Grottkalk oberhalb Portsed am Fuss des Surul, auf dem Kapellenberg, Rittersteg, Salomonsfelsen bei Kronstadt."

Rumania

Festuca rivularis Boiss. Klench. 90. 1836.

"Habitat ad aquas in parte superiori Sierra Nevada."

Spain

Festuca robusta Mutel, Fl. Franco. 4: 118, pl. 89. f. 623. 1837.

"*Triticum maritimum* L. sp. 128 [non mant. 325]."

France and England

Festuca robusta R. A. Phil. Linnaea 29: 98. 1857-58.

"In collibus prope Santiago in rupium fissuris.---"

Chile

Festuca robusta var. *lanceolata* (Forsk.) Mutel, Fl. Franco. 4: 119, t. 89. f. 627. 1837.

Based on *F. lanceolata* Forsk.

Alexandria, Egypt

Festuca robusta var. *scabriuscula* (R. A. Phil.) St. Yves, Candollea 3: 187. 1927.

Based on *F. scabriuscula* R. A. Phil.

prov. Valdivia

[Chile]

Festuca rochelii Steud. Nom. Bot. ed. 2. 1: 632. 1840.

Based on "*F. vaginata* Bochel. (non W. & K.)" [not Waldst. & Kit. ex Willd., Enum. Hort. Berol. 116. 1809.]

Festuca rochelii Kit. Linnaea 32: 313. 1863. Not Steud. 1840.

"*A Roche missa.*" Floram Hungaricam Hungary

Festuca rehlfiana Coss. Bull. Soc. Bot. France 19: 83. 1872.

"In planitie Cyrenaica littorali inter Bengasi et Schadabia detexit et legit....G. Rehlf."

N. Africa

X *Festuca Romigieri* Vetter, Verh. Zool. Bot. Ges. Wien 72: 115. 1922.

Parents:

F. vallesiaca Schl. X *rubra* L.

Europe

Festuca rosei Piper, Contr. U. S. Nat. Herb. 10: 45. 1906.

7210 Rose & Painter, Sept. 19, 1903.

Near Cima, Mexico

Festuca rottboellia (DC.) Raspail, Ann. Sci. Nat.

5: 445. 1825; [Aschers. & Graebn. Syn. Mitteleur.

Fl. 2: 543. 1900 as new comb.; same basis as Rasp.]

Based on *Triticum rottboellia* DC.

= *Catapedium loliaeum* (Huds.) Link

Mediterranean region

Festuca rottboellia var. *rhachiantha* (Steud.) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 544. 1900.

Based on *Festuca rhachiantha* Steud.

Castella (Boissier)

Spain

Festuca rottboellioides (Lam. & DC.) Kunth, Rev. Gram. 1: 129. 1829.

Based on "*Triticum rottboellia* Dec." [Lam. & DC.]

Mediterranean region

Festuca rubens (L.) Pers. Syn. Fl. 1: 94. 1805.

Based on *Bromus rubens* L.

Man. U. S.

Hispania (Loefling)

Festuca rubra L. Sp. Fl. 74. 1753.

"In Europae sterilibus siccis."

Man. U. S.

Festuca rubra var. *abbreviata* Wimm. & Grab. Fl. Siles. 1: 89. 1827.

[Silesia. Germany]

Festuca rubra var. *alaica* Drobov, Trav. Mus. Bot. Acad. Sci. Petrograd 16: 135. 1916.

"Hab.: Prov. Fergana, distr. Skobelew.ad fl. Dugova circa pag. Jordan (Drobov no. 304)."

Russia - Turkestan

Festuca rubra ssp. *alata* St.-Yves, Rev. Bret. no. 2: 56. 1927; Candollea 3: 393. 1928.

"Asia, in montibus Alatavicis." Turkestan. Chaîne de l'Alatau: Kokorak, aux sources du Kébir, leg. Brotherus no. 784 (herb. Boiss.-B., herb. Berlin); Kokbulak, aux sources du Naryn, leg. Brotherus (herb. Berlin). Aksou: Krassnow Fl. 11. (herb. Berlin)."

Festuca rubra var. *alpestris* Hartm. Handb. Skand. Fl. ed. 5. 287. 1849.

Lapland. Dalarne. Osmundsberget. Scandinavia

Festuca rubra var. *alpestris* Lojac. Fl. Sioul. 3: 351. 1909. Not Hartm. 1849.

"Niccolosi (Etna) S. Marco Malerò (Val Demone)." Sicily

Festuca rubra var. *alpestris* Pohle ex Fedtsch. Bull. Jard. Imp. Bot. Pierre Grand 14 (Suppl. 2): 85. 1915, nom. nud. Not Hartm. 1849.

Festuca rubra var. *alpigena* Schur, Enum. Fl. Transsilv. 794. 1866.

"Auf Triften der Fogaraser-Arpaer Alpen, Glimmerschiefer; Butsets bei Kronstadt. Kalk."

Rumania

Festuca rubra var. *alpina* Parl. Fl. Ital. 1: 441. 1848.

"Ho raccolto poi la varietà g nell' Appennino lucchese alle Tre Potenze."

Italy

Festuca rubra var. *alpina* Kom. Fl. Penins. Kantsch. 1: 188. 1927. Not Parl. 1848.

[Kantschatka] [Komarov, Coll. in 1909]

Festuca rubra var. *altaica* Reverd. Ann. Syst. Univ. Tomsk. 1928 (3-4): 11. 1928, in Russian.

Cites: "*F. ovina* ssp. *violacea* var. *nigrescens* Kryl. ex parte."

Altai---Russia, Asia

Festuca rubra var. *altissima* Hallier, Bot. Zeit. 21: App. 1. 8. 1863.

"Garten von Krüss." [Helgoland Is.]

North Sea

Festuca rubra var. *arenaria* (Osb.) Fries, Fl. Halland. 26. 1818.

Based on *F. arenaria* Osb. 1805, not Lam. 1791. Scandinavia

Festuca rubra var. *arenaria* (Osb.) Drejer, Fl. Excurs. Hafn. 42. 1838. Not Fries, 1818.

Based on *F. arenaria* Osb. Scandinavia

[Also made by Coss. & Dur. Expl. Sci. Alger. 2: 301. 1867.]

Festuca rubra var. *arenaria* (Retz.) Koch, Syn. Fl.
Germ. Helv. ed. 2. 939. 1843. Not Fries, 1818.

Based on *F. arenaria* Retz.
Scandinavia

Festuca rubra var. *arenaria* X *Vulpia membranacea*
Melderis, Proc. Bot. Soc. British Isles 2: 243. 1957.

"not found before in Britain, or on the continent."

Festuca rubra var. *atrata* Reverd. Anim. Syst. Univ.
Tomsk. 1928 (3-4): 11. 1928.

Based on *F. nigrescens* Ledeb. ...non Lam. nec Gaud.
Siberia

Festuca rubra ssp. *aucta* (Kreoz. & Bohr.) Hultén, Fl.
Aleut. Isl. 97. 1937.

Based on *F. aucta* Kreoz. & Bohr.

"Ins. Bering 25. VIII. 1894, N. Grebnitzky Alaska"

Festuca ssp. *aucta* var. *barbata* (Sohr.) Hack. in
Hultén, Fl. Aleutian Isl. 98. 1937; Acta Univ.
Lund n. ser. 38: 246. 1942.

Aleutian Isl.

Based on *F. barbata* Sohrank. Austria

[= *F. rubra* var. *kitaibeliana* (Schult.) Piper]
fide Piper

Festuca rubra var. *baikalensis* Griseb. in Ledeb. Fl.
Ross. 4: 352. 1853.

"*F. nigrescens* Turcz. Cat. Baikal. No. 1305."
cited.

Siberia

Festuca rubra var. *barbata* (Sohr.) Richt. Fl. Eur.
1: 99. 1890.

Based on *F. barbata* Sohrank
Austria

Festuca rubra var. *barbata* (Hack.) Druce, List. Brit.
Fl. 83. 1908.

"(*pubescens* Gren. & Godr.)" cited. No other citation
no description.

Austria

Festuca rubra ssp. *Bartherei* (Timb.) P. Fourn. Quatre,
Flores France ed. 2. 78. 1946.

Based on *F. bartherei* Timb.
France

Festuca rubra ssp. *Buschiana* St.-Yves, Bull. Jard.
Bot. Acad. Sci. U.R.S.S. 30: 712. f. 1. 1932.

"Caucase. Prov. de Kuban: Teplo-Kara, N. A. Busch.
Ct. Cauc. VIII 3 VIII 1907 (Herb. H. Petrop.)"

Russia Europe

Festuca rubra ssp. *Buschiana* St.-Yves, Candollea 5:
125. 1932.

"Spec. exam.--Caucase. Prov. de Kuban: Teplo-Kara,
leg. Busch 3/VIII 1907 Ct. Cauc. VII No. 764 sub
F. supina (herb. Petrop.)."

Russia Europe

Festuca rubra var. *caesia* Anders. Gram. Scand. 21.
1852.

Scandinavia

Festuca rubra ssp. *caespitosa* Hack. Termesz. Füzetek.
2: 292. 1878.

[see *F. rubra* ssp. *eu-rubra* var. *caespitosa* Hack.]

"Die var. *caespitosa* hingegen auf feuchtem lehmigen
Grunde, am liebsten in feuchten Waldschlägen, so
wie oft colossale Rasen bildet."

Title is: Zur Kenntniss der Ungarischen *Festuca*
arten, besonders jener des Kitaibel'schen Herbars.

Hungary (Kitaibel)

Festuca rubra var. *cambrica* (Huds.) J. E. Smith, Engl.
Fl. 1: 142. 1824.

Based on *F. cambrica* Huds.

Circa Llanberis [Wales]

Festuca rubra ssp. *clarkei* (Stapf) St.-Yves, Rev. Bret.
no. 2: 57. 1927; Candollea 3: 398. 1928.

Based on *F. rubra* var. *Clarkei* Stapf in Hook. f. Fl.
Brit. Ind. 7: 353. 1896.

India--"Kangra and Dalhousie---Clarke, Khasia
Hills---Clarke."

Festuca rubra var. *clarkei* Stapf in Hook. f. Fl. Brit.
Ind. 7: 353. 1896.

"Kangra and Dalhousie...Clarke. Khasia Hills...
Clarke"

India

Festuca rubra ssp. *Clarkei* var. *Maireana* St.-Yves,
Candollea 3: 401. 1928.

"Yunnan: vallée à l'Est de Tong-tohouan, E. E.
Maire Fl. Chin. No. 52. (herb. Deless.);---derrière
Tong-tohouan, E. E. Maire Fl. Chin. No. 13.
(herb. Deless.)."

China

Festuca rubra ssp. *Clarkei* var. *stapfiana* St.-Yves,
Candollea 3: 398. 1928.

Based on *F. rubra* var. *Clarkei* Stapf. 1896.

India

Festuca rubra var. *commutata* Gaudin, Fl. Helv. 1: 287.
1828.

"Hab. inter gramina dense caespitosa, et locis
humidiusculis...."

Switzerland

Festuca rubra var. *commutata* subv. *subcaespitosa*
(Sond.) Kneuck. Allg. Bot. Zeitschr. 21: 82. 1915.

Based on *F. rubra* var. *subcaespitosa* Sond.

Germany

Festuca rubra ssp. *corcovadensis* St.-Yves, Candollea
3: 291. 1927.

"Patagonie: Territoire du Chubut au Rio Corcovado,
leg. Illin 1900 (herb. Par. et herb. St.-Y)."

S. America

Festuca rubra var. *cretacea* Lawrenko, Not. Syst. Herb.
Hort. Bot. Petrop. 3: 5. 1922.

(2) Prov. Charcow, distr. Isjum, p. "Swjatogorsk"
in umbrosis (ad fl. S. Donetz, coll. W. Czernjaew
[first Czernjaew spec. cited] Herb. Czernjaewi in
Hort. Botan. Charcow.)

Kharkov U.S.S.R.

Festuca rubra var. *cyrnea* St.-Yves & Litard. Bull.
Soc. Bot. France 71: 122. 1924.

"Habit.--Corse, Cap Corse: Mte della Cippola; entre
le Mte Canetto et le Mte della Cippola, leg. et inv.
E. Lit.--Environs de Zonza: Pourches de Bavella,
leg. Briquet."

Corsica

Festuca rubra var. *dasytachya* Celak. Prodr. Fl. Böhm.
723. 1881.

"(Opic spec.!!)"

"Im Walde der Rauschenbacher Heide bei Einsiedel!"
Hungary

Festuca rubra ssp. *densiuscula* Hack. ex Piper, Contr.
U. S. Nat. Herb. 10: 22. 1906.

Crescent City, Cal. Davy & Blasdale 5931.
= *F. rubra* Man. U. S.

Festuca rubra var. *Deserti* Coss. & Dur. Expl. Sci.
Alger. 2: 301. 1867.

"*Festuca Deserti* Coss. & Dur. mss. olim."

"In aggeribus arenae mobilis Planitierum excoelsum
infrequens; in provincia Cirtensi non obvia! In
ditione Zahres (Reboud). Ad meridiem Chott-el-Gharb
ad Ain-ben-Khelil! et Taoussera!"

Algeria

Acc. to Stearn, pp. 241-330, betw. Jan. & Oct. 1867.
Only one vol. of flowering plants published and it
called Vol. 1.

Festuca rubra var. *diversifolia* Gaudin, Fl. Helv. 1:
288. 1828.

"In pratis fertilioribus, ad sepes umbrosas, in
sylvis fore per totam Helvetiam."

Switzerland

Festuca rubra ssp. *dumetorum* (L.) Hack. Monogr. Fest.
Eur. 145. 1882.

Based on "*F. dumetorum* L. Sp. Fl. ed. 2. 109. 1762.

"ex descr. ad specimen panicula paupera facta et ex
patria.--Mut. Fl. d. Fr. IV. 104."

Europe

Festuca rubra var. *dumetorum* (L.) Gaudin, Fl. Helv.
1: 286. 1828.

Based on "*F. dumetorum* L."

Hispania

Festuca rubra var. *dumetorum* Hartm. Handb. Skand.
Fl. ed. 4. 38. 1843. Not Gaudin, 1828.?

Scandinavia

Festuca rubra var. *dumetorum* Breb. Fl. Norm. ed. 3.
358. 1859. Not Gaudin, 1828.?

[Normandy]

Festuca rubra ssp. *duriuscula* (L.) Syme in Sowerby,
Engl. Bot. ed. 3. 11: 145. 1873.

Based on "*Festuca duriuscula* Linn. Sm."

Europe

Festuca rubra var. *duriuscula* Gaudin, Fl. Helv.
1: 289. 1828.

"Hab. in arenis ad ripas lacuum. Infra Lausannam
Cl. Reynier. Circa Fromenthoud prope Nevidumum."

[in Hack. Monogr. Fest Eur. p. 139 referred to *F.*
rubra ssp. *rubra* var. *gemma* subv. *grandiflora*
Hack.]

Switzerland

Festuca rubra ssp. *duriuscula* var. *pruinosa* Howarth.
ex Martin & Fraser, Fl. Devon 715. 1939.

Devon, England

["(Hack)" erroneously given in (); "*pruinosa*" not
in Hackel's publications.]

Festuca rubra var. *elata* Lojac. Fl. Sicul. 3: 351. 1909.

"Messina, monti, val Demone (valde elata)."
Sicily

Festuca rubra var. *elongata* Lojac. Fl. Sicul. 3: 351. pl. 16. f. 2. 1909.

(Magn. exsicc 1028)---Val Demone."
Sicily

Festuca rubra var. *eriantha* (Honda) Ohwi, Acta Phytotax & Geobot. 5: 52. 1936.

Based on *F. eriantha* Honda
Kurile Isls.

Festuca rubra ssp. *eu-rubra* Hack. Monogr. Fest. Eur. 138. 1882.

Based on *F. rubra* L.

Festuca rubra ssp. *eu-rubra* var. *atlantigena* Litard. Bull. Soc. Hist. Nat. Afr. Nord. 29: 117. f. 1. 1938.

"Atlantis Majoris orientalis secus annem Tassent, ad alt. 1950 m., ubi ol. R. Maire d. 21 junii 1936 invenit. Typus in Herb. Universitatis Algeriensis et in Herb. R. de Litardiere."

aff. var. *yvesiana* Lit. & Maire
Morocco, Africa

Festuca rubra ssp. *eu-rubra* var. *Bartherei* (Timb.-Lagr.) Hack. Bot. Centralbl. 8: 407. 1881; Monogr. Fest. Eur. 143. 1882.

Based on "*F. Bartherei* Timb.-Lagr."
Pyrenæen, "sommet de Cagire...vers la Croix"
[France]

Festuca rubra ssp. *eu-rubra* var. *caespitosa* Hack. Termeszét. Fuzetek. 2: 292. 1878. [cited by Hackel as "*Act. Mus. Nat. Hung. II: 292. 1878.*"]
Litard, Candollea 10: 109. 1945.

Hackel, Monogr. Fest. Eur. 142. 1882, cites the above as syn. sub *F. rubra* ssp. *eu-rubra* var. *fallax* (Thuill.) Hack. In index *F. rubra* var. *caespitosa* "olim" is referred to *F. rubra* ssp. *eu-rubra* var. *fallax* (Thuill.) Hack.

Hungary

Festuca rubra ssp. *eu-rubra* var. *caespitosa* subv. *eu-commutata* (St.-Yves) Litard, Candollea 10: 109. 1945.

Based on *F. rubra* ssp. *eu-rubra* var. *commutata* subv. *eu-commutata* St.-Yves.

Switzerland

= *F. rubra* var. *commutata* Gaud. Man. U. S.

Festuca rubra ssp. *eu-rubra* var. *commutata* subv. *eu-commutata* St.-Yves, Ann. Cons. Jard. Geneve 17: 120 (key), 129. 1913.

Based on *F. rubra* var. *commutata* Gaud.
Man. U. S. introd.
Switzerland

Festuca rubra ssp. *eu-rubra* var. *cyrnea* St.-Yves & Litard. 71: 122. 1924.

(St.-Yves & Litard, Candollea 1: 20. 1922, incidental mention)

"Habit.---Corse, Cap. Corse: Mte della Cippola; entre le Mte Canetto et le Mte della Cippola, leg. et inv. R. Lit.---Environs de Zonza: Fourches de Bavella, leg. Briquet."

Isle Corsica

Festuca rubra ssp. *eu-rubra* var. *Cyrnea* subv. *Mar-chionii* Litard. & St. Yves, Candollea 5: 155. 1932.

"Hab.---Massif du San Pedrone: Padi Mozzo, au-dessus de Felce, expos. N.-W., vers 1190 M.; 20. VIII. 1930 (leg. R. de Litardiere et T. Marchioni)."

Isl. Corsica

Festuca rubra ssp. *eu-rubra* var. *densiuscula* (Hack.) St.-Yves, Candollea 1: 55. 1922.

"= ssp. *densiuscula* Hack."

Festuca rubra ssp. *eu-rubra* var. *fallax* (Thuill.) Hack. Bot. Centralbl. 8: 407. 1881; Monogr. Fest. Eur. 142. 1882.

Based on "*F. fallax* Thuill."
Paris, France

Festuca rubra ssp. *eu-rubra* var. *fallax* subv. *coleo-tricha* Belli, Malpighia 14: 294. 1901.

"Pegli, salendo al Santuario della Madonna della Guardia, 31, V, 92, leg. Belli et Ferrari."

Italy

--Herb. R. Ist. Bot. Torino

Festuca rubra ssp. *eu-rubra* var. *fallax* f. *nigrescens* (Lam.) Hack. Monogr. Fest. Eur. 142. 1882.

France

Festuca rubra ssp. *eu-rubra* var. *fallax* subv. *puberula* Hack. Hal. & Braun, Nachtr. Fl. Niederöst. 32. 1882.

Austria

Festuca rubra ssp. *eu-rubra* var. *fallax* subv. *soabra* Hack. in Hervier, Recher. Fl. Loire 1: 55. 1885.

"Hack. in litt. 1884" St.-Etienne....au Bois-Noir, ----; au Mont-Pilat.

France

Festuca rubra ssp. *eu-rubra* var. *gaetula* St.-Yves, Rev. Bret. No. 2: 67. 1927.

Based on *Fest. rubra* ssp. *nevadensis* var. *gaetula* R. Maire.

Morocco, Maire 2, VI, 1918.

Festuca rubra ssp. *eu-rubra* var. *genuina* Hack. Monogr. Fest. Eur. 138. 1882.

"subvar. *a vulgaris* --*F. rubra* L. Sp. Pl. ed. 1. p. 74. 1753."
[that is *F. rubra* L. itself]

Sweden, Europe

Festuca rubra ssp. *eu-rubra* var. *genuina* svar. *arenaria* (Osb.) Hack. Monogr. Fest. Eur. 140. 1882.

"*F. arenaria* Osbeck, 1805. Non Gr. & Godr.!"
Scandinavia

Festuca rubra ssp. *eu-rubra* var. *genuina* svar. *barbata* (Sohrank) Hack. Monogr. Fest. Eur. 139. 1882.

Based on "*F. barbata* Sohrank, Primit Fl. Salisb. p. 46. (1792)."

Austria

Festuca rubra ssp. *eu-rubra* var. *genuina* svar. *dasyphylla* (Celak.) Hack. Monogr. Fest. Eur. 140. 1882.

"Celakovsky Prodr. d. Fl. Boehm. IV. 723. (1881)" cited

Festuca rubra ssp. *eu-rubra* var. *genuina* subv. *densiuscula* (Hack.) St.-Yves, Rev. Bret. No. 2: 65. 1927.

Based on *F. rubra* subsp. *densiuscula* Hack. ex Piper. Cal. Davy & Blasdale 5931.

= *F. rubra* Man. U.S.

Festuca rubra ssp. *eu-rubra* var. *genuina* subv. *glaucescens* (Hegetschw. & Heer) Hack. Monogr. Fest. Eur. 139. 1882. Not Wahlenb., 1831.

Based on *F. glaucescens* Hegetschw. & Heer
Switzerland

Festuca rubra ssp. *eu-rubra* var. *genuina* subv. *grandiflora* Hack. Monogr. Fest. Eur. 139. 1882.

"*F. rubra diversifolia* Gaud. ! Fl. helv. 1: 288 et *F. rubra megastachys* L. 287? (ex herb.)"

Europe

Festuca rubra ssp. *eu-rubra* var. *genuina* subv. *juncosa* Hack. Monogr. Fest. Eur. 139. 1882. (description)

"*F. rubra duriuscula* Gaud. ! Fl. helv. I. 289.--- Syme, Engl. Bot. XI. 145 ex p." cited.

Switzerland

Festuca rubra ssp. *eu-rubra* var. *genuina* subv. *Magnellii* Litard. Bull. Soc. Roy. Bot. Belg. 55: 117. 1923.

"Belgique, Flandre occidentale: Dans une panne sèche des dunes, entre le Zoute et la frontière hollandaise...(R. Lit., 11 juin 1921)."

Belgium

Festuca rubra ssp. *eu-rubra* var. *genuina* svar. *pruinosa* (Hack.) St.-Yves, Rev. Bret. no. 2: 67. 1927.

"(Fest. *rubra pruinosa* Hack. Rep. Bot. Exch. Club 1884 p. 119" cited.

Festuca rubra ssp. *eu-rubra* var. *genuina* subv. *rigidior* Belli, Malpighia 14: 291. 1901.

"*Sclerenchima* quasi continui attorno al margine fogliare." only, cited. (In H. & C. Library)

"Bardonecchia salendo al Fréjus (Alpi Cozie), 9, VII 90, leg. Ferrari."

Italy

--Herb. R. Ist. Bot. Torino

Festuca rubra ssp. *eu-rubra* var. *genuina* subv. *vulgaris* Hack. Fest. Monogr. 139. 1882.

Based on *Festuca rubra* L.

Sweden, Europe

Festuca rubra ssp. *eu-rubra* var. *microphylla* St.-Yves in Liou Tohen-Ngo, Arch. de Bot. 3, mém. 1: 208. 1929.

Festuca rubra ssp. *eu-rubra* var. *microphylla* f. *villispicula* Litard. Candollea 10: 135. 1945.

"A typo spiculis villosis reedit."

"Hab. in Hispania: Navarra, Lanibuc Nanarta, 1. VII. 1880, de Lao'zqueta sub: *F. duriuscula* L., in hb. Gandoger, sub: *F. navarrensis* Odgr.!"

Spain

Festuca rubra ssp. eu-rubra var. mucronulata St. Yves,
Candollea 3: 403. 1928.

"Baikal: 'ad flumen Schil', Turczaninow 1833 (herb. DC.)."

Siberia

Festuca rubra ssp. eu-rubra var. multiflora (Hoffm.)

Steud. ex Litard. Candollea 10: 109. 1945.

Based on *F. multiflora* Hoffm.

(credited to Steud. by Litard.) but not in Steudel as given by Litard. Under *F. rubra* Steudel cites "*F. multiflora* Koel." [A.S.H. did not consider this publ. of variety when Greek letter was put before species' name. It is without descr. under *F. rubra*.]

Note by A.C.: "In Koeler (p. 252) under *F. rubra* one of many references is 'Hoffm. 50'. Can't find multiflora in Koel. under *F. rubra*. On page 271 is *F. multiflora* Hoffm. 52." [error for 50?]

Germany
*Steud. Nom. Bot. ed. 1. 339. 1821. over

Festuca rubra ssp. eu-rubra var. multiflora subv. villiflora (Hack.) Litard. Candollea 10: 109. 1945.

Based on *F. rubra* ssp. eu-rubra var. planifolia subv. villiflora Hack.

"Lapponia"

Festuca rubra ssp. eu-rubra var. multiflora subv.

villiflora f. villisissima (St.-Yves) Litard.
Candollea 10: 109. 1945.

Based on *F. rubra* ssp. eu-rubra var. planifolia subv. villiflora f. villosissima St.-Yves

Festuca rubra ssp. eu-rubra var. oelandica Hack.

Monogr. Fest. Eur. 144. 1882.

"Prope Alvaren insulas Oeland Sueciae."

Sweden

Festuca rubra ssp. eu-rubra var. oelandica subv. alvarensis St.-Yves, Bull. Soc. Bot. France 71: 123. 1924.

"Spec. exam.-lle d'Aland à Alvaren, mis. I Dorfler (herb. St.-Y.)."

Finland

Festuca rubra ssp. eu-rubra var. oelandica subv.

velutina St.-Yves, Bull. Soc. Bot. France 71: 124. 1924.

"Spitzberg: Advent bay, Resvoll-Dieset Fl. Spitz. 1908 (herb. Mus. Paris).--Laponie: Karesuando, Herb. Laestadius subv.: '*F. rubra* var. velutina Laest. ined.' (herb. Mus. Paris)."

Festuca rubra ssp. eu-rubra var. planifolia Hack.

Monogr. Fest. Eur. 140. 1882.

[var. typica p. 141]

"Vidi ex Austria inferiori (St. Poelten), Suecia (Borum in Skane, Norbotten, Karesuando in Lapponia), Borussia orientali (Lyck) Italia superiori (Valles Valdenses)."

Festuca rubra ssp. eu-rubra var. planifolia subv. baicalensis (Griseb.) Hack. Monogr. Fest. Eur. 141. 1882.

Based on "*F. rubra* var. baicalensis Griseb. in Ledeb. Fl. Ross. 4: 342. 1852 ex descr."

Siberia

Festuca rubra eu-rubra var. planifolia subv. microphylla St.-Yves, Rev. Bret. no. 2: 68. 1927.

"Coste Monde pl. nos. 19 & 21."

Festuca rubra ssp. eu-rubra var. planifolia subv.

typica Hack. Monogr. Fest. Eur. 141. 1882.

=*F. rubra* ssp. eu-rubra var. planifolia Hack. p. 140
"*F. pratensis* Schreb. Spicil 67. 1771, not Buds." cited.

"Austria, Sweden----Italia superiori (Valles Valdenses)"

Festuca rubra ssp. eu-rubra var. planifolia subv.

villiflora Hack. Monogr. Fest. Eur. 141. 1882.

"*F. rubra* var. planifolia Traut. Act. Petropol. V. 135" cited.

"in Lapponia pr. Ponoj." "In Asia bor. inter fl. Olenek et Lenam inf." (Traut.).

Festuca rubra ssp. eu-rubra var. rivularis (Boiss.)

Hack. Bot. Centralbl. 8: 407. 1881; Monogr. Fest. Eur. 144. 1882.)

Based on *F. rivularis* Boiss.

Sierra Nevada, Spain

Festuca rubra ssp. eu-rubra var. rivularis subv. Sennenii St.-Yves, Bull. Soc. Bot. France 71: 123.

1924.

Litardière, Bull. Soc. Bot. France 83: 288. 1936. [Says this should be reduced to a simple form]; Cavanillesia 8: 58. 1936.

"France: Pyrénées-Orientales au Cambredase, bois, 1700 m., leg. Sennen 2 aout 1915 (herb. Sennen et herb. St.-Y.)."

Festuca rubra ssp. eu-rubra var. Rothmaleri Litard.

Cavanillesia 8: 57. pl. 2. f. 7-10. 1936.

"Hab. in Schistosia Hispaniae boreo-occidentalis (prov. Legionensis), in monte Arvas, ad alt. 1325 m. ubi cl. P. Font Quer et Cl. W. Rothmaler leg. d. 28 julii 1935.--Typus in Herbario Scientiarum Naturalium Barcinonensis Musei."

Festuca rubra ssp. eu-rubra var. scabrescens Hack. in

Batt. & Trab. Fl. Alg. Mon. 215. 1895.

"pro subsp"

Festuca rubra ssp. eu-rubra var. scabrescens (Hack.)

St. Yves, Rev. Bret. No. 2: 67. 1927.

Based on *F. scabrescens* Hack.

Algeria, Africa

Festuca rubra ssp. eu-rubra var. Yvesiana Lit. & Maire,

Mem. Soc. Sci. Nat. Maroc. 4: 25. 1924.

"---Atlantis Majoris et Atlantis Medii...Typus in Herbario Universitatis Algeriensis, in Herb. Instituti Imper. Sci. Rabatensis in Herb. Cosson in Mus. Paris, in Herb. B. de Litardière et in Herb. St.-Yves."

Festuca rubra ssp. eu-rubra var. Yvesiana f. dasyantha

Litard. Candollea 10: 135. 1945.

Only descr.: "A typo spiculis villosis recedit."

"Hab. in Gallia: Basses-Pyrénées, St.-Jean-de-Luz, in quercetis, una cum forma typica, 16.VI.1899, Gandoger sub: *F. ovina* L."

France

Festuca rubra ssp. fallax (Thuill.) P. Fourn. Quatre

Flores France ed. 2. 78. 1946.

Based on *Festuca fallax* Thuill.

France

Festuca rubra var. fallax (Thuill.) Brand in Koch, Syn.

Deutsch. Schweiz. Fl. ed. 3. 3: 2774. 1907.

Cf. Hack. same 1881 under eu-rubra here.

Based on *F. fallax* Thuill.

Festuca rubra ssp. fallax var. subglauca Podpéra, Kvě-

tena Morav. 6: 161. 1926; Acta Soc. Sci. Nat.

Morav. 2: 431. 1926, in Czechoslovak.

"Drahanovice u Olomouce (Čouka)!"

Czechoslovakia

Festuca rubra ssp. Font-Quer Litard. Candollea 10:

133. 1945.

"Hab. in Hispania orientali, Prov. Terragona, Cardo in argillosis juxta fontem 'de l'Oliver' dictum, ad alt. 800 m.s.m. ubi cl. Font Quer d. 28 junii 1942 invenit.--Typus in hb. Inst. bot. barcinonensis et hb. R. Lit."

Festuca rubra var. fraterculae Rasmuss. Nyt. Mag.

Naturvidensk. 66: 110. f. 1928.

[type coll. R. Rasmussen on puffin cliffs, Faroe Islands]

North Atlantic

Festuca rubra var. gaetula (Maire) Sem. & Maurio.

Cat. Fl. Rif. Or. 132. [1933]. without descr.

"Tizi-Ifri" Morocco, Africa cited.

Presumably based on *Festuca rubra* ssp. Nevadaensis var. gaetula Maire, since Maire is given in parenthesis.

Festuca rubra var. geniculata Schur, Enum. Fl.

Transilv. 794. 1866.

"Auf Kalkfelsen des Kapellenberges bei Kronstadt, auf Nagelfluhe bei Talmats."

Rumania

X *Festuca rubra* X gigantea Aschers. & Graebn. Syn.

Mitteleur. Fl. 2: 536. 1900.

Europe

Festuca rubra var. glabra (Lightf.) J. E. Smith, Engl.

Fl. 1: 142. 1824.

Based on *F. glabra* Lightf.

Scotland

Festuca rubra var. glabra Trautv. Acta Hort. Petrop.

5: 134. 1877.

"Ad fl. Olenek, ad ostium fl. Lokumaj...seous fl. Lena inferiorem: inter ostium fl. Wiluj et fl. Tschirimyl...inter fl. Baahana et fl. Naschia."

Siberia

Festuca rubra var. glauca (Winch) J. E. Smith, Engl.

Fl. 1: 142. 1824, without descr.

Based on "*F. glauca* Winch Guide, V.Z. pref.?"

England?

Festuca rubra var. glauca Regel, Ind. Sem. Hort.

Petrop. 1862: 27. 1862.

"*F. spadiosa* et capillifolia Hort." cited.

Probably Herb. Hort. Petrop.

Festuca rubra var. glaucescens Wahl. Fl. Suec. 1: 63.

1824.

"in calcareis montis Osmundsberg Dalekarliae."

Sweden

Festuca rubra var. glaucescens DuRoi, Taschenb.

Schweiz. Bot. 881. 1869. Not Wahlenb. 1824.

[Switzerland]

Festuca rubra var. *glaucoflora* "S. & M." [Scribn. & Merrill] in Anderson, J. P., Plants of Southeastern Alaska, Proc. Iowa Acad. Sci. 25: 432. 1918.
No description.

Festuca rubra glaucoidea Piper, Contr. U. S. Nat. Herb. 10: 22. 1906. "nom. nov." (trinomial)

Based on *Festuca glaucescens* Hegetschw. & Heer, Fl. Schweiz. 93. 1840. not *F. ovina glaucescens* Link, Hort. Berol. 2: 266. 1813.

European - excluded from Man. U. S.
Switzerland

Festuca rubra var. *hackelii* Lit. & Maire in Emberg. & Maire, Pl. Rif. nov. 2. 1927; St. Yves, Clav. Fest. Vet. Orbis 70. 1927.

"*F. rubra* ssp. *nevadensis* Hack. sensu stricto"

[*F. rubra* ssp. *nevadensis* Hack. Monogr. Fest. Eur. ---
"Sierras Nevada: Cerro de Dornajo supra Cortijo de S. Jeronimo 2000 m. legi ipse---leg. Bourg. in Hb. Boiss."]

Festuca rubra ssp. *heterophylla* (Lam.) Hack. Bot.

Centralbl. 8: 406. 1881; Monogr. Fest. Eur. 130. 1882 with description. ofr. Mutel, var. *heterophylla*, 1837.

Based on "*F. heterophylla* Lam. 1778,....non Haenke nec Host."
France

Festuca rubra var. *heterophylla* (Lam.) Mutel, Fl.

Franc. 4: 103. 1837.

Based on *Festuca heterophylla* Lam.

[France] Man. U. S.

Festuca rubra var. *heterophylla* (Lam.) Fiori, Fl.

Anal. Ital. 1: 91. 1908. see Mutel, Fl. France 4: 103. 1837.

Based on *F. heterophylla* Lam.

Festuca rubra ssp. *heterophylla* subv. *leiophylla* Hack.

Monogr. Fest. Eur. 131. 1882.

Secundum specimina a me visa provenit: in Italia tota, a Sicilia (Ficuzza) per Calabriam (Corregliano Lucaniam....

Europe

Festuca rubra ssp. *heterophylla* subv. *typica* Hack.

Monogr. Fest. Eur. 131. 1882.

Based on *F. heterophylla* Lam.

France

Festuca rubra ssp. *heterophylla* subv. *vulpoides*

(Schur) Hack. Monogr. Fest. Eur. 131. 1882.

Based on "*F. vulpoides* Schur."

Transylvania Rumania

Festuca rubra var. *hirsuta* Elytt, Norges Fl. 146.

1861.

♂ minor l.o.
♂ major l.o.

[Only a line given before above and ♂ and β given before minor and major]

Scandinavia

Festuca rubra var. *hirta* Regel, Ind. Sem. Hort.

Petrop. 1862: 27. 1862.

"*F. capillifolia* H. Lips." cited.

Probably Herb. Hort. Petrop.

Festuca rubra var. *hondoensis* Ohwi, Acta Phytotax. & Geobot. 5: 51. 1936.

"Hab. Hondo: M. Shibutsu in Kotsuke (J. Ohwi et H. Tagawa n. 351--typus in Herb. Imp. Univ. Kyoto.)"

Japan

Festuca rubra var. *junceae* (Hack.) Richt. Fl. Eur.

1: 99. 1890.

Based on *F. rubra* var. *genuina* subv. *junceae* Hack.

near St. Pölten Austria

Festuca rubra ssp. *juncifolia* (St. Amans) Litard.

Candollea 10: 110. 1945.

Based on *F. juncifolia* St. Amans.

"Dans les Landes" Flore Agenaise

France

Festuca rubra ssp. *juncifolia* f. *glabrata* (Lobel)

Litard. Candollea 10: 110. 1945.

Based on "*F. arenaria* var. *glabrata* Lobel in Gren. & Godr."

cotes de l'Océan, depuis Bayonne jusqu'a Dunkerque

France

Festuca rubra ssp. *kashmiriana* (Stapf) St.-Yves, Rev.

Bret. No. 2: 56, 59. 1927; Candollea 3: 395. 1928. fig. 34.

Based on *F. kashmiriana* Stapf in Hook. Fl. Brit. Ind. 7: 351. 1896.

Kashmir, India

Festuca rubra ssp. *kashmiriana* var. *kashmiriana* St.-

Yves, Rev. Bret. no. 2: 59. 1927; Candollea 3: 395. 1928.

"Kashmiriana et Thebetica"

Festuca rubra ssp. *kashmiriana* var. *remotiflora* St.-

Yves, Rev. Bret. no. 2: 59. 1927; Candollea 3: 396. 1928. fig. 35.

"Himalaya: Dsachlone, leg. Redolos, sub "*rubra* ssp. *remota*" determ. Hackel (herb. Boiss); Distriet de Garhwal 13-14,000' leg. Duthie 16-IX-1885, Fl. W. Ind. No. 5118 sub. "*F. duriuscula* L.?" (herb. DC.)"

Festuca rubra kitsabeliana (Schult.) Piper, Contr.

U. S. Nat. Herb. 10: 23. 1906. (publ. as trinomial)

Based on *F. kitsabeliana* Schult.

= *F. rubra* var. *lanuginosa* Man. U. S.

Hungaria

Festuca rubra var. *lanuginosa* Mert. & Koch in Roehl.

Deutschl. Fl. ed. 3. 1: 654. 1823.

[Germany]

"Auf magerm Flugsande am Gestade des Meeres in Hinterpommern und Ostpreussen (der kurischen Nehrung)."

Festuca rubra var. *lanuginosa* Wimm. & Grab. Fl. Siles.

1: 88. 1827. Not Mert. & Koch, 1823.

"Wildschütz loco sicco, aprico."

[Silesia, Germany]

Festuca rubra var. *lanuginosa* Bluff & Nees, Comp. Fl.

Germ. ed. 2. 1: 179. 1836. Not Mert. & Koch 1823.

"*F. rubra* var. *arenaria* Fries Fl. Halland."

Festuca rubra var. *lanuginosa* Koch, Syn. Fl. Germ.

Helv. 813. 1837.

Cited as synonyms:

F. cinerea DG.
"arenaria Osbeck
"rubra var. *arenaria* Fries
"baltica Hohmann in litt.
"dumetorum Rafn.

Switzerland

Festuca rubra var. *latifolia* G. Meyer, Chloris Hanov.

621. 1836, without descr.

"*Festuca rubra* var. *Schradl* Fl. Germ. 1. p. 330" cited.

"Fürstenthum Göttingen: z. B. bei Beinhäusen, Waake, nebst der Spielart "

[Germany]

Festuca rubra var. *latifolia* Bluff & Nees, Comp. Fl.

Germ. ed. 2. 1: 179. 1836.

"*F. multiflora* Hoffm. D. Fl. 1.50" cited.

Germany

Festuca rubra var. *latifolia* Klett. et Richt. Peterm.

Fl. lips. 97. 1838. Not Bluff & Nees 1836.

"in pratis, versus pagum Schönfeld, in silva Verschlossenes-Holz, ad pagum Leutzsch etc."

Leipzig - Germany

Festuca rubra var. *litoralis* G. Meyer, Chloris Hanov.

621, 622. 1836.

Lüneburg: [litoralis]

"Die Spielart bei Hohnstorf...Bremen:.. Freiburg Bremerlehe, Spieka, Otterndorf." Ostfriesland: bei Carolinensiel."

Germany

Festuca rubra var. *littoralis* Vasey ex Beal, Grasses

N. Amer. 2: 607. 1896.

Oregon (on sand-dunes by the sea), Howell in 1882."

= *F. rubra* L. Man. U. S.

Festuca rubra var. *longearistata* Hack. ex Macoun, Cat.

Can. Fl. 25: 397. 1890, nom. nud.

["Gütte bei Dornbirn (Winder b. Rich. 5 p. 341 fide Hack.)"] from Dalla Torre & Sarnth. Fl. Tirol]

Europe

Festuca rubra var. *longifolia* Ducommun, Taschenb.

Schweiz Bot. 881. 1869.

[Switzerland]

Festuca rubra var. *longiseta* (Hegetschw. & Heer) Hack.

ex Beal, Grasses N. Amer. 2: 606. 1896.

Based on *F. longiseta* Hegetschw. & Heer.

Switzerland

Festuca rubra var. *macrantha* Richt. Fl. Eur. 1: 99.

1890. No description.

"Syn.: *F. rubra* o *alpina* Parl.
"rubra *diversifolia* Gaud.
"rubra β *grandiflora* Hack.
"rubra *megastachys* Gaud." cited.

Europe

Festuca rubra var. *major* Spenner, Fl. Friburg.

1: 139. 1825.

F. pratensis Schreb. ...Wibel...non Huds. *F. multiflora* Koel.--Hoffm.--*F. heterophylla* Gaud." cited.

[Friburg - Germany]

Festuca rubra var. *major* Zapal. Conspect. Fl. Galie.

Crit., Rozpr. Wydz. Mat.-Przyr. Akad. Umiejetn.

Krakow III. 4, B. 179. 1904. Aug. 11.

Not Spenner, 1825.

"Za Bramka, Strazyska, Skupniowy Uplaz w Tatrach, leoz i kolo Starzawy nad Strwiazem (Kotula)."

Galicia, Poland

Festuca rubra var. *maritima* Breb. Fl. Norm. ed. 2.

315. 1845.

Normandy

France

Festuca rubra megastachys Gaudin, Fl. Helv. 1: 287.

1828.

"Hab. in agris lapidosis sterilibusque."

Switzerland

Festuca rubra var. *messanensis* Lojac. Fl. Sicul.

3: 352. 1909.

"Messina monti Tin!"

Sicily

Festuca rubra ssp. *microphylla* St.-Yves in Coste,

LeMonde des Pl. III. 23(19) 134: 7. 1922.

[copied from Litard. Candollea 10: 135. 1945.

France

Festuca rubra minor Gaudin, Alpina 3: 59. 1808.

"Herr Schleicher am kiesigten Orten am Ufer des Genfersees gesammelt."

Geneva, Switzerland

Festuca rubra var. *montana* Schur, Enum. Fl. Transsilv.

794. 1866.

"Auf Wiesen der Bergregion: Kerzesorer Gebirge. 4000'. Jul. 1847."

Rumania

Festuca rubra var. *moravica* Podpéra, Publ. Fac. Sci.

Univ. Masaryk 12: 10. 1922, as syn. of *F. rubra*

var. *duriuscula* f. *moravica* Podp.

Czechoslovakia

Festuca rubra var. *multiflora* (Hoffm.) Wallr. Sched.

Crit. 1: 34. 1822.

Same comb. made by Wimm. & Grab. Fl. Siles. 1: 89. 1827.

" " " " Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 499. 1900.

F. multiflora Koel. Koel. cites *F. multiflora* Hoffm.

Festuca rubra var. *multiflora* Schur, Enum. Fl.

Transilv. 794. 1866. Not Wallr. 1822.

"Auf sonnigen Höhen zwischen Gesträuch: Schlossberg bei Kronstadt."

Rumania

Festuca rubra var. *muramatsui* Ohwi, Acta Phytotax. &

Geobot. 1: 67. 1932.

"Hab. Hondo borealis; Matsugasaki in Yurigori, Ugo (Sh. Muramatsu n. 6 in V. 1931)."

Japan

Festuca rubra var. *musashiensis* (Honda) Ohwi, Acta

Phytotax. & Geobot. 10: 112. 1941.

Based on *F. musashiensis* Honda

Hondo: Asakawa, prov. Musashi (K. Hisauchi anno 1928)

Festuca rubra var. *mutica* Hartm. Handb. Skand. Fl.

ed. 3. 2: 27. 1838.

"Lpl.-Herjed. Dal. Osmundsberget."

Sweden

Festuca rubra var. *mutica* f. *prolifera* (Piper)

Hylander, Uppsala Univ. Arsskr. 7: 83. 1945.

Based on *F. rubra* (ssp.) *prolifera* Piper

Mt. Washington, N. H.

= *F. rubra*

Man. U. S.

Festuca rubra var. *nankotaizemensis* Ohwi, Acta

Phytotax. & Geobot. 5: 52. 1936.

"Hab. Formosa: prope Bunakkei m. Nankotaizem (J. Ohwi n. 4088--typus in Herb. Imp. Univ. Kyoto)."

Festuca rubra var. *memoralis* Wimm. & Grab. Fl. Siles.

1: 88. 1827.

"in umbrosis. (Mühlbusch b. Wildschutz etc.)"

[Silesia. Germany]

Festuca rubra var. *memoralis* Anderss. Gram. scand.

21. 1852.

"--in sylvis memoribusque umbrosis et graminosis."

Scandinavia

Festuca rubra var. *memoralis* Meisnerhaus Fl. Ingr. 432.

1878. Not Wimm. & Grab. 1827.

Anderss. 1852.

"Hb. x." [Herb. Fl. Ingrida]

Russia. Eur.

Festuca rubra var. *memorus* Anderss. Gram. scand. 21.

1852.

Locis graminosis et umbrosis mari finitimis.

Scandinavia

Festuca rubra ssp. *nevadensis* Hack. Monogr. Fest. Eur.

146. 1882. [nom. nud. Bot. Centralbl. 8: 407.

1881.]

"In glareosis calcareis regionis subalpinæ Sierræ Nevada: Cerro de Dornajo supra Cortijo de S. Jeronimo...legi ipse, Cerro de Tesoro lg. amicis. Winkler et Sierræ Seguræ (leg. Bourg. in Hb. Boiss.)."

Spain

Festuca rubra ssp. *nevadensis* var. *gaetula* Maire ex

St.-Yves, Candollea 1: 17. 1922.

In: Litard. Bull. Soc. Sci. Nat. Maroo. 15: 265. 1935, under *F. rubra* ssp. *nevadensis* var. *gaetula* subv. Embergeri, Litard. says, "a var. *gaetula* Maire sensu stricto (= subvar. *Mairéi* R. Lit., nov. nom.)."

"Hab.---Maroo: Montagnes de Figuig au Djebel Beni Smir, ... (leg. R. Maire, 2. VI. 1918, herb. Univ. Alg.)."

Africa

Festuca ssp. *nevadensis* var. *gaetula* sivar. Mairéi

Litard. Bull. Soc. Sci. Nat. Maroo. 15: 265. 1935.

Marocco

Festuca rubra ssp. *nevadensis* var. *gaetula* subv. em-

bergeri Litard. Bull. Soc. Sci. Nat. Maroo. 15:

265. 1935.

"Hab. in pascuis lapidosis graniticis Atlantis. Majoris orientalis: in jugo 'Tizi-n-Inouzane' dicto, ad meridiem oppidi Anefgou, ad alt. 2700m., ubi Cl. L. Emberger d. 10 julii 1934 invenit.--Typus in Herb. Inst. Imper. Scient. Rabatensis et in Herb. R. de Litardière."

Marocco

Festuca rubra ssp. *nevadensis* var. *hackelii* Litard. in

St.-Yves, Rev. Bret. No. 2: 70. 1927. Cited as

"R. Lit. mss."

Other references: Litard. & Maire ex Litard. Arch. Bot. Bull. Mens. 1: 56. 1927, without descr.: cites only "Lit. et Maire, mss. (= ssp. *nevadensis* Hack., s. str.)." Litard. & Maire, Mem. Soc. Sci. Nat. Maroo 17: 13. 1927 (Dec.) nom. nud. "Atlas rifain. Decouvert en 1926 par MM. Emberger et Maire."

Northern Africa

"Hispania, Imper. Maroccanum."

Festuca rubra var. *nigrescens* (Lam.) Mutel, Fl. Franç.

4: 103. 1837.

(same Albou, Prodr. Fl. Colch. 263. 1895.)

Based on *F. nigrescens* Lam.

Mont-d'Or France

Festuca rubra var. *nigrescens* (Schleich.) Bég. Muov.

Giorn. Bot. Ital. n. ser. 22: 419. 1915.

No basis cited, presumably *F. nigrescens* Lam. ex Schur. [nigrescens Schur. doubtless error for nigrescens Lam.]

Switzerland

Festuca rubra var. *nijkakensis* Ohwi, Acta Phytotax. &

Geobot. 5: 53. 1936.

"Hab. Formosa: M. hiitaka (J. Ohwi n. 3725--typus in Herb. Imp. Univ. Kyoto)."

Festuca rubra var. *normalis* Vilm. Blumengartn. 1213.

1896.

"f. *eurubra* Hack., *F. rubra* L." cited as synonym. hort.

Festuca rubra var. *pacifica* Honda, Bot. Mag. Tokyo

49: 2. 1935.

"Planta robusta. Culmi duriusculi, 20-30 cm. alti. Nom. Nipp. Shima ushinokogusa (nov.) Hab. Honand: Kamaishi, prov. Rikuchi (G. Tora no. 714, anno 1931) ins. Shikine, prov. Izu (Y. Jotani, anno 1933--typus in Herb. Imp. Univ. Tokyo); --Planta endemica"

Festuca rubra var. *paludicola* Kom. ex Fedtsch. Bull.

Jard. Bot. Pierre Grand 14(Suppl. 2): 85. 1915,

nom. nud.; Kom. Fl. Penins. Kamtsch. 1: 188. 1927.

[Kamtschatka] 1. Kirganez 2. Tolbachek 3. Kipelo [Komarov, Coll. in 1909]

Festuca rubra var. *pascua* Anderss. Gram. scand. 20.

1852.

"In pratipaludosis"---Scandinavia.

"Hæc forma, vulgaris et typica, exime varians, semper autum stolonibus et panicula dignota est"

Scandinavia

Festuca rubra var. *paniculiflora* Scribn. in Seaton, Proc.

Amer. Acad. 28: 123. 1893.

"Mt. Orizaba, ... (no. 227b)." Henry E. Seaton, Collector.

Mexico

Festuca rubra var. *planifolia* Trautv. Acta Hort.

Petrop. 5: 135. 1877.

"Inter fl. Olenak et fl. Lena inferiorem, ad fl. Derbilgilak, ..." Sibiria

Russia

Festuca rubra var. *planifolia* (Hack.) Hayek, Repert.
Sp. Nov. Fedde Beih. 30³: 285. 1932. Not Trautv.
1877.

Based on *F. rubra* ssp. *eurubra* var. *planifolia* Hack.
Austria inferiori (St. Poelten), Suecia...
Borussia or. (Lyck), Italy. (Valles Valdenses)

Festuca rubra var. *pratensis* Schur, Enum. Fl.
Transsilv. 793. 1866.

"Auf Wiesen bei Kronstadt."
Rumania

Festuca rubra prolifera Piper, Contr. U. S. Nat. Herb.
10: 21, 1906. (trinominal) as var. Piper in
Robinson, Rhodora 10: 65. 1908.

C. G. Pringle, 1877. Type
Mt. Washington, N. H.

Festuca rubra pruinosa Hack. Rep. Bot. Exch. Club
Brit. Isles 1884: 119. July 1885. Spelled as
pruirosa

[var. recognized by Piper, North Amer. Sp. Festuca,
Contr. U. S. Nat. Herb. 10: 21. 1906.]

Skye (Linton 3 in 1884) Scotland

Referred in Manual by Hitchc. to *F. rubra*

Festuca rubra var. *pruinosa* Willk. Oesterr. Bot.
Zeitschr. 40: 183. 1890. Not Hack, 1885.

"In regno Legionensi: ad rupes de la Ferruca prope
Convento de Arvas in regione subalpina, Bourg! ...
Sierra de Gredos."

Spain

Festuca rubra var. *pubescens* Spenner, Fl. Friburg.
1: 139. 1825.

[Friburg. Germany]

Festuca rubra var. *pubescens* Gren. & Godr. Fl. France
3: 574. 1855. Not Spenner, 1825.

"Hab. Prairies, bords des bois; commun dans toute
la France."

Festuca rubra var. *pubescens* Vasey ex Beal, Grasses
N. Amer. 2: 607. 1896. Not Spenner, 1825.

Oregon, Howell.

= *F. rubra* var. *lanuginosa* Mert. & Koch

Man. U. S.

Festuca rubra ssp. *pyrenaica* (Reut.) Hack. Bot.
Centralbl. 8: 406. 1881; Monogr. Fest. Eur. 137.
1882.

"*F. pyrenaica* Reut. Cat. Sem. Hort. Genev. 4. 1861.
[Reut. Cat. Fl. Vase. Geneve ed. 2. 1861]

"In Pyrenaeis centralibus inter lapides: Fort de
Venasque, Peña blanca, Col. de Palalbe (Hispan.),
Cirque de Gavarnie (lgg. Reut., Miegov., Bordère)."

Spain

Festuca rubra ssp. *Richardsonii* (Hook.) Hultén, Acta
Univ. Lund n. ser. 38: 246. map 178a. 1942.

Based on *Festuca Richardsonii* Hook.

= *F. rubra* var. *lanuginosa* Man. U. S.

Arotic sea-coast, Dr. Richardson North Amer.

Festuca rubra ssp. *Richardsonii* var. *glabrata* Hultén,
Acta Univ. Lund. n. ser. 38: 246. 1942.

"(? *Festuca egea* Kretsch. et Bober.)" cited.

"Western Pacific Coast distr.: St. Paul I. ...Hultén
...7488 (type of var. *glabrata*)."

Alaska

Festuca rubra var. *riparia* Schur, Enum. Fl. Transsilv.
793. 1866.

"An sandigen Flussufern zwischen Weidengebüsch;
Talmats und Boiza am Altfluss."

Rumania

Festuca rubra var. *robusta* Rendle, Journ. Bot. 38: 429.
1900.

"Hab. Shiran Maidan Hunza Valley, five miles from
Kilak Pass, 13,000 ft., October 1897." Central
Asia collected by Capt. H. H. P. Deasy.

Festuca rubra var. *rubra* (L.) Coss. & Dur. Expl. Sci.
Alger. 2: 300. 1867.

F. rubra Vill. Dauph. 2: 101.
Hist. Gram. 2. pl. 82.
Engl. Bot. pl. 2056.
Bohb. Ic. fl. Germ. ed. 2. 1: pl. 137. f.
321.
Parlat. Fl. It. 1: 441.
Gren. & Godr. Fl. Fr. 3: 574. cited.

Acc. to Stearn, dates for pp. 241-330. 1867. Only
one vol. flowering plants published and this called
vol. 2.

Festuca rubra ssp. *rubra* A. R. Pinto da Silva & L. C.
Sobrinho, Flora Vascular da Serra do Gerês.

Agronomia Lusitana 12: 375. 1950.

No description or delimitation; localities only.

Festuca rubra var. *sabulicola* Bab. Man. Brit. Bot.
372. 1843.

"Common in dry, sandy places."

Eng. Scot. Ireland

Festuca rubra ssp. *schlagintweitii* St.-Yves Rev. Bret.
no. 2: 56, 58. 1927 in key; Candollea 3: 389. 1928.

"*F. coccinea* Stapf in Hook. f. Fl. Brit. Ind.
7: 349. 1896.
"*F. auriculata* Drob. Trav. Mus. Bot. Acad. Petrog.
14: 159. 1915. cited as synonyms.

"Asia, in montibus Altaicis et Sikkimensibus."

"Thibet: Prov. de Balti, à Bagmaharal, Herb.
Schlagintweit No. 5914; Prov. de Ladak,
a Leh, Herb. Schlag. No. 11 (herb. M.
Paris)."

Festuca rubra var. *scopularum* Anderss. Gram. scand.
21. 1852.

"In fissuris rupium maritimarum"

Scandinavia

Festuca rubra secunda (Presl) Scribn. Rep. Missouri
Bot. Gard. 10: 39. Fl. 52. June 1899. trinomial

Based on *Bromus secundus* Presl.

= *F. rubra* var. *lanuginosa* Mert. & Koch

Man. U. S.

Sinu Nootka - Canada

Festuca rubra var. *setacea* Doell, Fl. Bad. 1: 160.
1857.

"Findet sich hier und da auf den Kuppen und Sätteln
des Schwarzwaldes, z. B. am Feldberg, meist mit
violett überlaufenen Aehren; auch auf trockeneren
Wiesen der Rheinebene z. B. bei Oberbruch unweit
Steinbach (D.)."

[referred by Hack. (p. 142) to *F. rubra* ssp. *eurubra*
var. *trichophylla* Gaud. subv. typica]

Germany

Festuca rubra var. *simpliciuscula* Hack. ex Dusen,
Ark. för Bot. 7: 10. pl. 2. 1908.

Dusen

"Rio Fosiles in uliginosis." Patagonia

Festuca rubra var. *squarrosa* Hartm. Handb. Skand. Fl.
60. 1820.

Scandinavia

Festuca rubra var. *subcaespitosa* Sond. Fl. Hamburg.
63. 1851.

"auf dem Eppendorfer und anderen Torfmooren."

Germany

Festuca rubra var. *subvillosa* Mert. & Koch in Roehl.
Deutschl. Fl. ed. 3. 1: 654. 1823.

[Germany]

Festuca rubra var. *subvillosa* Mert. & Koch. f. *vivipara*
Eames, Rhodora 11: 89. 1909.

"Governor's Island, Bay of Islands, 8 Aug., 1908:
Eames & Godfrey."

= *F. rubra* var. *lanuginosa* Mert. & Koch Man. U. S.

Festuca rubra var. *sylvatica* G. Meyer, Chloris Hanov.
621, 622. 1836.

Cited: "Abbild. Hist. Gram. austr. 3. t. 18 (*F.*
heterophylla). Vaill. Bot. par. t. 18. f. 6."
Festuca heterophylla Hænke...Kunth
F. nemorum Leyss. ...Reichenb."

"Grubenhagen: am Harze, z. B. bei Clausthal, nebst
der Spielart b. Hohnstein: ...Ilfeld."

Germany

Festuca rubra var. *tenuifolia* Howarth, Journ. Linn.
Soc. Bot. 46: 318. 1923.

"Appears to be confined to the Severn Estuary, where
it forms a compact turf, much sought after, on the
salt marshes and older pebble ridges, and is period-
ically submerged by the highest tides. [Watson's
vice-counties 34, 35, 41.]

England

Festuca rubra var. *trichophylla* Gaudin, Fl. Helv. 1:
288. 1828. [Given as trinomial but cites β in
place and also descr. partly for β].

(Same Ducommun. Taschenb. Schweiz. Bot. 881. 1869.

[Goes back to same basis.]
(Made subsp. II. *trichophylla* (Gaudin) Domin, Pres-
lia 13/15: 35. 1935.

"*F. trichophylla* DuRoi Herbar." cited.

"Hab. locis aquaticis frequens. β in arenosis
rarissima-- γ ." Switzerland

Festuca rubra f. *trichophylla* Hack. ex Druce, List
Brit. Fl. 83. 1908. Not Gaudin 1828.

No citation nor description given.

Britain

Festuca rubra var. *trichophylla* (DuRoi) Fiori, Nuov.
Fl. Anal. Ital. 1: 136. 1923.

"*trichophylla* (DuRoi 1828)" cited.

[this DuRoi ex Jav. in Hungarian 1924]

Hungary

Festuca rubra var. *trichophylla* DuRoi ex Jav. Magyar,
Fl. 1: 101. 1924, in Hungarian.

"*uliginosa* Schur" cited.

Közep - Európa

Bűdös lapja...

Hungary

Festuca rubra var. *trichophylla* subv. *Neyraudii* St. Yves, Bull. Soc. Bot. France 71: 122. 1924. "

"Cl. Neyraud" qui in Bull. Soc. bot. Fr. prope "Cauterets" indicavit plantam amico animo dicata."
"Habit.-France: Mt. Pégère, près Cauterets."

Festuca rubra var. *trichophylla* subv. *uliginosa* (Schur) Hack. Monogr. Fest. Eur. 142. 1882.

Based on "F. rubra uliginosa Schur!"
Rumania

Festuca rubra var. *typica* Fiori, Fl. Anal. Ital. 1: 91. 1908.

Based on *F. rubra* L.
Italy

Festuca rubra var. *uliginosa* Schur, Rsum. Pl. Transilv. 793. 1866.

"Auf Moerwiesen am Fuss der Arpaser Gebirge; am Büdös."
Rumania

Festuca rubra var. *velutina* Laestad. ex St.-Yves, Bull. Soc. Bot. France 71: 124. 1924, as syn. of *Festuca rubra* var. *oelandica* subv. *velutina* St.-Yves.

Festuca rubra var. *villosa* Spenner, Fl. Friburg. 1: 139. 1825.

"F. dumetorum Linn.--F. barbata Schrank.--F. duriuscula v. dumetorum Gaud." cited.
[Friburg. Germany]

Festuca rubra var. *villosa* G. Meyer, Chloris. Hanov. 621, 622. 1836.

"Abbild. Engl. bot. t. 2056 (F. rubra).
Syn. *Festuca rubra* var. *lanuginosa* Kunth, F. arenaria Osbeck."
"Bremen: die Spielart bei Asseln, Ostfriesland: die Spielart bei Eiden, Norden."
Germany

Festuca rubra var. *villosa* Bluff & Nees, Comp. Fl. Germ. ed. 2. 1: 179. 1836. Not G. Meyer 1836.
no loc. [Germany]

Festuca rubra var. *villosa* Koch, Syn. Fl. Germ. Helv. 813. 1837. Not Spenner, 1825.

[Europe]

Festuca rubra var. *villosa* Vasey in Macoun, Cat. Can. Fl. 2: 236. 1888, nom. nud. Not Spenner, 1825.

"North Fork Old Man River, Rocky Mts. (Dawson)--
foothills of Rocky Mts (Macoun)
= *F. rubra* var. *lanuginosa* Man, U. S.

Festuca rubra ssp. *violacea* (Schleich) Hack. Monogr. Fest. Eur. 132. 1882.

Based on "F. violacea Schleich! ap. Gaud! Agrost. helv. 1. 231. (1811)"
"Per omnes montes elatioris Europae calidioris praeter insulas Mediterraneas Graeciamque...[first cited]
Switzerland

Festuca rubra var. *violacea* (Ser. in Gaud.) Fiori, Fl. Anal. Ital. 1: 91. 1908.

Gallia

*cannot locate (Ser. in Gaud.)

Festuca rubra var. *violacea* subv. *Djamilensis* (Boiss. & Bal.) Hack. in Boiss. Fl. Orient. 5: 621, 1884.
"Hack. in litt."

Based on "F. Djamilensis Boiss. et Bal."
Djamil. Armenia

Festuca rubra ssp. *violacea* var. *euryphylla* St.-Yves, Rev. Bret. no. 2: 61. 1927; Candollea 3: 393. 1928.

"Asia Minor in Armenia turcica."
"Arménie turque: Mt. Karagoell, Sintenis It. or. No. 7361."

Festuca rubra ssp. *violacea* var. *genuina* Hack. Monogr. Fest. Eur. 132. 1882.

Based on *F. violacea* Schleich.
Germany

Festuca rubra ssp. *violacea* var. *genuina* subv. *aurata* (Gaud.) Hack. Monogr. Fest. Eur. 133. 1882.

Based on *F. aurata* Gaud.
Switzerland

Festuca rubra ssp. *violacea* var. *genuina* subv. *aureo-flava* (Schur) Hack. Monogr. Fest. Eur. 133. 1882.

Based on *F. flaccida* var. *aureo-flava* Schur.
Transylvania Rumania

Festuca rubra ssp. *violacea* var. *genuina* subv. *carnea* Hack. Monogr. Fest. Eur. 133. 1882.

"F. violacea var. minor Hack." cited.
[not Gaud. ?]
"Alpium austro-orientatum", Europe

Festuca rubra ssp. *violacea* var. *genuina* subv. *flaccida* (Schur) Hack. Monogr. Fest. Eur. 133. 1882.

Based on *F. flaccida* Schur.
Transylvania Rumania

Festuca rubra ssp. *violacea* var. *genuina* subv. *subracemosa* (Schur) Hack. Monogr. Fest. Eur. 133. 1882.

Based on *F. subracemosa* Schur.
Transylvania Rumania

Festuca rubra ssp. *violacea* var. *iberica* Hack. Bot. Centralbl. 8: 406. 1881; Monogr. Fest. Eur. 136. 1882.

"In montibus peninsulae Ibericae."
Spain, Portugal

Festuca rubra ssp. *violacea* var. *iberica* subv. *subacabra* Hack. Monogr. Fest. Eur. 137. 1882.

"peninsulae Ibericae"...Sierra Nevada

Festuca rubra ssp. *violacea* var. *iberica* subv. *typica* Hack. Monogr. Fest. Eur. 136. 1882.

Peninsula Iberica

Festuca rubra ssp. *violacea* var. *longana* Hack. & Belli (?) in Belli, Malpighia 14: 288. 1901.

"Hack. in litt." but "Hack. & Belli" given as above
after var. Belli is author of article.

"Nel piano d'Ombraglio (M. Braulio) m. 2400, solo scistoso, 13, VIII. 94. leg. Longa."
Italy -- Herb. R. Ist. Bot. Torino

[paper in H. & C. Library]

Festuca rubra ssp. *violacea* var. *nigricans* Hack. Bot. Centralbl. 8: 406. 1881; Monogr. Fest. Eur. 135. 1882.

"F. nigricans Schleich! cited.
"F. nigricans Schleich!" Cat. Fl. helv. exs. p. 13 (anno ?) name only
"F. nigrescens Gaud. Agrost. helv. 1. 254 (1811)..."
non Lam.
[Lam. misappl. by Gaudin] cited.
Tyrol

Festuca rubra ssp. *violacea* var. *norica* Hack. Bot. Centralbl. 8: 406. 1881; Monogr. Fest. Eur. 135. 1882.

"In pratis siccis regionis alpinae inferioris Alpium praesertim orientalium (Noricarum)...."
cited in 1882.
Austria

Festuca rubra ssp. *violacea* var. *picta* Hack. Bot. Centralbl. 8: 406. 1881; Monogr. Fest. Eur. 134. 1882.

Based on "F. picta Kit. in Schult. Oesterr. Fl."
Austria

Festuca rubra ssp. *violacea* var. *violacea* subv. *strictior* St.-Yves, Candollea 5: 122. 1932.

"= forma strictior Hack. nom. in herb."
"Transcaucasie. Géorgie. Distr. de Nachitshevan: in monte Salvarty in jugo zangezour...leg. Gavrilov et Doluhamov 13 VIII 1927 (herb. Grossh. 3 p.)..."
first cited.
Bussia Europe

Festuca rubra var. *viridis* Peterm. Fl. Lips. 97. 1838.

Lipsiae
Germany

Festuca rubra var. *vivipara* S. P. Gray, Nat. Arr. Brit. Fl. 2: 122. 1821.

No loc. Britain

Festuca rubra var. *vivipara* Bluff & Nees, Comp. Fl. Germ. ed. 2. 1: 179. 1836, nom. nud.

Festuca rubra var. *vulgaris* Spenner, Fl. Friburg. 1: 139. 1825.

[Friburg. Germany]

Festuca rubra var. *vulgaris* Gaudin, Fl. Helv. 1: 285. 1828. Not Spenner, 1825.

"Hab. in pasouis pratique aridioribus. Tiguri vulg. Scheuchz. Neviduni etc."
Zurich - Switzerland

Festuca rubra var. *vulgaris* Celak. Prodr. Fl. Böhm. 723. 1881. Not Spenner, 1825.

"auf Waldresen bei Hoch-Oujezd bei Opodno (Freyn)!
Wälder bei Lana! Waldländer bei Karlsbad (E. Hacke)
Moor-wiesen bei Bad Neudorf!"
Bohemia

Festuca rubra var. *vulgaris* (Gaud.) Hayek, Repert. Sp. Nov. Fedde Beih. 30: 285. 1932.

Based on "*Festuca rubra* var. *vulgaris* Gaud. Fl. Helv. 1. 285."
Zurich, Switzerland

Festuca rupestris (Host.) Roth, Enum. Pl. Phaen.
Germ. 1: 311. 1827.

Based on *Bromus rupestris* Host.
Adriatic Sea

Festuca rupestris Otto, ex Sweet, Hort. Brit. ed. 2.
572. 1830. Not Roth, 1827.

England

Festuca rupicaprina (Hack.) Beck, Fl. Nieder-Oesterr.
1: 104. 1890.

Based on "Hack. als var. der *F. ovina*"
[*F. ovina* ssp. *frigida* var. *rupicaprina*]
Switzerland]

Festuca rupicola Heuff. Verh. Zool. Bot. Ges. Wien
8: 233. 1858.

"In rupestribus umbrosis montis Domugled ad
Thermas Herculis."

Rumania

Festuca Ruprechtii (Boiss.) Kretz. & Boehr. in Kom.
Fl. U.R.S.S. 2: 507, 769. 1934.

Based on *F. ovina* var. [laevis] *Ruprechtii* Boiss.
Russia, Europe Caucasus orientalis

Festuca sabulicola Dufour, Ann. Sci. Nat. 5: 85. 1825.

"*F. Juncifolia* St.-Am., fl. Agen, p. 40?" cited.
"Conf. *F. arenaria* Askef. in Roem. & Schult. Syst.
Veg. vol. 2, p. 718 (non Lam.)"

"Elle est fort commune dans les sables maritimes de
la côte côtière des Landes, principalement autour du
bassin d'Arcachon et à Mimizan, où je l'ai cueillie
dans le mois de Mai."

France

Festuca sabulea H. Lindberg in Sched. Fl. Finland.
Exsicc. 23. 1906.

Festuca sajanensis Roshev. Bull. Jard. Bot. Trin.
U.R.S.S. 28: 383. 1929.

"Siberia australis: Provincia Irkutsk. In montibus
Sajanensibus, trajectus Gargansk. Districtus Tunkinsk.
27-31. VII. V. Komarov!"

Aff. *F. altaica* Trin.

Festuca salinaria Simonk. Termesz. Füzet. 10: 184.
1886; Enum. Fl. Transsilv. 586. 1886.

"*Poa maritima* Baumg. En. III. 232; Schur Ost. bot.
Zeit. X. 249.--non L. ..." cited.

"*Olycoria distans* d) salina....Schur Sertum n. 3171)"

Rumania

Festuca saltana St.-Yves, Candollea 3: 305. 1927.

"Argentina. Provincia de Salta: Puna de Atacama.
(herb. Paredi no. 1882 et herb. St.-Yves)."

Festuca salzmanni (Boiss.) Boiss. ex Coss. Notes Crit.
131. 1850 (1851) (same, Richt. Fl. Europ. 1: 110.
1890, same basis)

Based on *Nardurus Salzmanni* Boiss."

"ad pedem montis San Anton prope Malaga (Salzmann)"

Spain

Festuca sancta Janka, Oesterr. Bot. Zeitschr. 21: 250.
1871, nom. nud.

Austria

Festuca sandwicensis Reichenb., Sitzungsab. Akad. Wiss.
Math. Naturw. (Wien) 76: 726. 1878.

"Kauai; um Halemanu an offenen, humusreichen
Stellen der Thäler. nr. 2124, 2143."

Hawaiian Islands [Maui]

Festuca savii Tenore, Fl. Nap. 4: 15. 1830.

Italy

Festuca saxatilis Schur, Enum. Fl. Transsilv. 791.
1866.

"Auf Kalkfelsen der Alpen: Königstein bei Kronstadt.
6000' - 7000'. August 1854."

= *F. ovina* ssp. *sulcata* var. *genuina* subv. *saxatilis*
(Schur) Hack. Monog. Fest. Eur. 105. 1882.

Rumania

X *Festuca saxicola* Vetter, Verh. Zool. Bot. Ver. Wien
67: 178. 1917.

Based on *F. vallesiaca* X *glauca*

Austria

Festuca saxifraga Miegville, Bull. Soc. Bot. France
13: 38. 1891.

"(*F. duriuscula* L. f. *pyrenaica*)."

Festuca saxifraga f. *pyrenaica* Miegville, Bull. Soc.
Bot. France 10: (Sess. ext.): 38. 1891.

"---subalpina Pyrenaeorum centralium---"

[In Bull. Soc. Bot. France 10: 86.
mentioned sub "*Festuca indigesta* Boiss."----Duval-
Jouve wrote that it is not the *Festuca* of Canigon,
called "*F. indigesta*" by Boiss.----He substitutes
the name "*saxifraga*" because this plant is
exclusively saxatile.---"

France

Festuca saximontana Rydb. Bull. Torrey Club 36: 536.
1909.

"Alberta: Vicinity of Banff, 1899, W. C. MacCalla
2331. (type in herb. N. Y. Bot. Gard.)."

Canada

= *F. ovina* Man. U. S.

Festuca scaberrima Nees ex Steud. Syn. Fl. Glum.
1: 316. 1854.

"Nees (mpt. sub: *Brachypodium*)...Schedonorus
bromoides Wight hrbr. (ex parte) Pennins. Ind. or."

India

Festuca scaberrima Lange, Naturhist. For. Kjøbenhavn
Vid. Medd. II. 1: 51. 1860. Not Steud. 1854.

"In monte Puendelapena pr. oppidum Jaen" Lange,
Collector.

Spain

Festuca scaberrima Lange subv. *africana* (St. Yves)
Maire, Flore Afrique Nord. 3: 139. 1955.

Based on *F. scaberrima* "fa africana St. Y."
St. Yves, Candollea 1: 25. 1922. "La Flore de
l'Algérie (Mon. Fl. VII. fig 11, 219) reproduit très
exactement cette disposition."

Spain

Festuca scaberrima var. *simplex* Perez-Lara, Anal.
Soc. Españ. Hist. Nat. 15: 413. 1886.

"Hab. in arenosis regionis calidae, prope Chiolana
loco Pinar de la Dehesiela dioto."

Festuca scabra Vahl, Symb. Bot. 2: 21. 1791.

"C. b. spei" Cape of Good Hope, sent by Billow.

Afr. austr.

Festuca scabra Labill. Nov. Bell. Fl. 1: 22. pl. 26.
1804. Not Vahl, 1791.

"Habitat in capite Van-Diemen."

Australia

= *Agropyron scabrum* A.S.H.

Festuca scabra Lag. Klench. Plant. 4. 1816; Gen. & Sp.
Nov. 4. 1816. Not Vahl, 1791.

"H. in Imperio Mexicano.--Semina misit D. Sessé."

Festuca scabra Willd. ex Steud. Nom. Bot. ed. 2. 1: 632.
1840, as syn. of *F. proserpa* H. B. Not Vahl, 1791.

[Ecuador, loc. of *F. proserpa*]

Festuca scabra Schur, Verh. Siebenb. Ver. Naturw.
4: 88. 1853, as syn. of *F. Halleri* All. Not
Vahl, 1791.

Rumania

Festuca scabra var. *acuminata* Nees, Fl. Afr. Austr.
1: 445. 1841.

"in rupestribus convallium ad Onadenthal...
(Stellenbosch)...Drège."

Africa

Festuca scabra var. *compactior* Nees, Fl. Afr. Austr.
1: 444. 1841.

"in Tulbaghsloof, Tulbaghsdhal, Winterhoek etc. ...
(Worcester) in montibus Zwartebergen et ad "warmes
Bad".... [and several localities in Cape Region
cited, Ekim, Drège, Muntz, collectors]

Africa

Festuca scabra var. *elongata* Nees, Fl. Afr. Austr.
1: 445. 1841.

"in montibus Kamiesbergen ad Ezelfontein locis
humidis arenosis iuxta rivulum montis Roodeberg....
(Klein Namaqualand), Drège."

Africa

Festuca scabra var. *genuina* subv. *acuminata* (Nees)
St.-Yves, Candollea 4: 113. 1929.

Based on *F. scabra* var. *acuminata* Nees

"in rupestribus convallium ad Onadenthal...
(Stellenbosch)...(Drège)"

Africa

Festuca scabra var. *interrupta* Nees, Fl. Afr. Austr.
1: 445. 1841.

"in rupestribus montis Paarlberg solo argillaceo-
humoso....(Stellenbosch), Drège."

Africa

Festuca scabra var. *villosa* Nees, Fl. Afr. Austr.
1: 445. 1841.

"in convallibus saxosis ad Onadenthal....(Drège)"

Africa

Festuca scabra ssp. *violacea* var. *genuina* subv. *typica*
Hack. Monogr. Fest. Eur. 133. 1882.

Based on *F. violacea* Schleich.

Germany

Festuca scabrella Torr. in Hook. Fl. Bor. Amer.
2: 252. 1840.

"Torr. Mnt."

"Hab. Alpine districts of the Rocky Mountains.
Drummond."

Man. U. S.

Festuca scabrella var. *major* Vasey, Contr. U. S. Nat.
Herb. 1: 278. 1893.

"Type specimen collected by W. N. Saksdorf on
prairies, Spokane County, Washington in 1884
(no. 118)."

Man. U. S.

Festuca scabrella var. *Vaseyana* Hack. ex Beal,
Grasses N. Amer. 2: 605. 1896.

Veta Pass, Colo. Vasey

= *F. arizonica*

Man. U. S.

Festuca scabrescens Hack. ex Batt. & Trab. Fl. Alger.
2: (Monoc.) 215. 1895.

"Le Djebel Mzi (1900 m.), Sud oranais."

"*F. [rubra] scabrescens* Hackel, in litt."

Algeria

Festuca scabriculum (Hack.) Richt. Fl. Eur. 1: 104.
1890.

Based on *F. varia* var. *scabriculum* Hack.

Maritime Alps: "pr. Tenda, Val. Ellero, M. Clapier,
Entraque, Bocca argentata, Val Vallasco, Val Logon
Valdieri, leg. Burnat."

Italy

Festuca scabriflora Opiz, Lotus 3: 181. 1853.

"Bergabhang am Wischehrad. 6-1838. Opiz."

Bohemia

Festuca scabriflora Steud. Syn. Fl. Glum 1: 314. 1854.
Not Opiz 1853.

Canary Isls.

Festuca scabriuscula R. A. Phil. Limosa 29: 98.
1857-58.

"In collibus apricis provinciae Valdiviae inveni."

Chile

Festuca scariosa (Lag.) Aschers. & Graebn. Syn.
Mitteler. Fl. 2: 502. 1900.

Based on *Poa scariosa* Lag.

Spain

Festuca scheuchzeri Gaudin, Alpina 3: 70. 1808.

"Scheuchz. agr. 278. Hall. helv. 1436."

"In humidis Alpium Rhetioarum."

Switzerland

Festuca scheuchzeri var. *angustifolia* DuRoi.
Taschenb. Schweiz. Bot. 882. 1869.

Recullet [France]

Festuca scheuchzeri var. *latifolia* DuRoi. Taschenb.
Schweiz. Bot. 882. 1869.

Alpen [Switzerland]

Festuca Scheuchzeri var. *plicata* Ruter ex Krajina,
Veröff. Geobot. Inst. Bübel 10: 52. 1933, as syn.
of *F. pulchella* ssp. *Scheuchzeriformis* var. *plicata*
Krajina.

Europe

Festuca scheuchzeriformis Schur, Enum. Fl. Transsilv.
796. 1866.

"Auf Felsen des Butsets in Jalemitzthal bei Kron-
stadt 6000'. Kalk. Aug. 1854."

Rumania

Festuca schimperii Steud. Syn. Fl. Glum 1: 316. 1854.

Based on "*Triticum schimperii* Hochst. Hrbr. un. it.
nr. 59. o. Abyssinia"

Festuca schimperiana A. Rich. Tent. Fl. Abyss. 2: 433.
1851.

"*Festuca simensis* Hochst. in pl. Schimp. Abyss.,
sect. II, nis 684 et 1384. var. *lucidior*."

[var. *lucidior* seems to belong to *F. simensis*
Hochst. in Schimp. Abyss. sect. II, nis 684 et 1384,
not the same as Hochst. in Schimp. Abyss. sect. III.
1684, which is the type of *F. simensis* Hochst. in
Rich. 1.c.]

Abyssinia

Festuca Schischkinii Kriv. Not. Syst. (Bot. Inst. Komarov
17: 83. 1955.

Typus. Jugum Karatau Syrdarjense, pars centralis, in
caumine lapidoso Su-Alma, 14 VI 1930, S. Lipschitz.
In Herb. Inst. bot. Ao. Sc. URSS (Leningrad)
conservatur.

Festuca schlickumi X Grantz, Fl. Uckerm. 340. 1880.

"*F. gigantea* X *elatior* Grantzow" l.c. cited in
Hack. p. 160.

Uckermünde. Prussia Germany

Festuca sciaphila Schur, Enum. Fl. Transsilv. 787.
1866.

"In Laubwäldern bei Hermannstadt. Schuler, Piatra-
mare bei Kronstadt, 3000' Kalk. Jul."

Rumania

Festuca scirpifolia Kunth, Enum. Fl. 1: 403. 1833;
Rév. Gram. 1: Suppl. XXXI. 1830.

Based on "*Diplachne scirpifolia* Presl."

[= *F. doliophylla* Presl]
Andes Gr.

Peru

Festuca scirpifolia ssp. *Buchtienii* (Hack.) St.-Yves,
Candollea 3: 227. 1927.

Based on *F. buchtienii* Hack.

Bolivia: La Paz

Buchtien no. 870

Festuca scirpifolia ssp. *Buchtienii* var. *argentinensis*
St.-Yves, Candollea 5: 138. 1932.

"Rép. Argentine. Prov. de Jujuy, leg. Parodi 1931:
Abra Pampa, 14-11. comun in Suelos húmedos, No.
9602" ... first cited.
(not in U.S. Herb.)

Festuca scirpifolia ssp. *eu-scirpifolia* var.
inarticulata (Pilger) St.-Yves, Candollea 3: 225.
1927.

Based on *F. inarticulata* Pilger
(*F. doliophylla* Andes Gr.)

Peru: Weberbauer n. 3218.
U.S.

Festuca scirpifolia ssp. *glyceriantha* (Pilger) St.-
Yves, Candollea 3: 231. 1927.

Based on *F. glyceriantha* Pilger
Andes Gr.

Peru: Dep. Ancachs--Weberbauer 3275 (U.S. Herb.)

Festuca scirpifolia ssp. *Stübelii* (Pilger) St.-Yves,
Candollea 3: 229. 1927.

Based on *F. stübelii* Pilger

Bolivia: LaPaz (boliv. n. 60) [Stübel]
U.S.

Festuca scirpifolia ssp. *tarmensis* (Pilger) St.-Yves,
Candollea 3: 232. 1927.

Based on *F. tarmensis* Pilger

Peru: Dep. Junin, prov. Tarma (Weberbauer n. 2233)
U.S.

Festuca scirpoidea (Steud.) F. Muell. Fragm. Phyt.

Austr. 8: 129. 1873.

Based on *Eriopyrum scirpoideum* Steud.

type species of *Spartocolea* C. E. Hubb.

Australia (Drummond, Coll. IV. nr. 102)

Festuca sciurea Nutt. Trans. Amer. Phil. Soc. n. ser.
5: 147. 1837.

"Arkansas." [Nuttall]

Man. U. S.

Festuca sciureoides Roth, Bot. Abh. & Beobacht. 43.
1787.

"Habitat in Ducatu Bremensi atque Oldenburgensi ad
margines agrorum et in pascuis sterilibus."

Germany

Festuca sciureoides var. *hirta* Doell, Fl. Baden
1: 152. 1857.

"südlichen Frankreich auf sonnigen Hügeln bei Cetta
gefunden und besitzt sie auch aus Spanien."

France - Spain

Festuca sciureoides var. *major* St. Amans, Fl. Agen.
39. 1821.

"Scheuch. Agr. 291 décrit sur des échantillons re-
cueillis en France par Jussieu."

Festuca sclerophylla Boiss. (Bisch. Del. Sem. Hort.
Heidelb. 4. 1849) Ann. Sci. Nat. III. 12: 358.
1849.

"Habitat in Persia boreali.... Semina a Kotschy ex
1843 in locis schistosis montis Elbrus prope
Derbent lecta.... Kotschy plantae Persiae borealis
sub no. 245."

Festuca scoparia Hook. f. Fl. Antarct. 98. 1844.

"Hab. Lord Auckland's group and Campbell's Island;
New Zealand

Festuca scoparia Kern. ex Nyman, Consp. Fl. Eur. 826.
1882, without descr. Not Hook. 1844.

F. flavescens Lap. (non Bell.) *F. varia* var. *fla-
vescens* C. G. (non Gaud.) cited.

France

Festuca scoparia (Haack.) Richt. Fl. Eur. 1: 105. 1890.
Not Haack, 1844.

Based on *F. varia* ssp. *scoparia* Haack.
Pyrenaeis centralibus

Festuca scoparia var. *eu-scoparia* (St.-Yves) Kraj.
Veröffentl. Geobot. Inst. Bübel 10: 49. 1933.

Based on *F. varia* ssp. *scoparia* var. *eu-scoparia*
St.-Yves.
North Africa

Festuca scoparia var. *eu-scoparia* subv. *Gautieri*
(Haack.) Kraj. Veröffentl. Geobot. Inst. Bübel
10: 49. 1933.

Based on *Festuca varia* ssp. *scoparia* var. *Gautieri*
Haack.

In *Pyrenaeis orientales*: Col de Mourry (Oedron)...
Europe

Festuca scoparia var. *eu-scoparia* subv. *Kernerii* (St.-
Yves) Kraj. Veröffentl. Geobot. Inst. Bübel 10: 49.
1933.

Based on *F. varia* ssp. *scoparia* var. *eu-scoparia*
subv. *Kernerii* St.-Yves

In *Pyrenaeis gallicis*, Hispania, Imper. Marocanum

Festuca scoparia Kern. & Haack. var. *gautieri* Haack. ex
Gautier, Bull. Soc. Bot. France 38: (Sess. extraord):
20: 1891. no description.

"Le Canigon, à la Cheminée et sur le chemin de la
Passère Grenade; col de la Portaille de Mantet
2400 mètre"---

"Pyrenées - orientales"
Europe

Festuca scoparia var. *lutea* (Haack.) Kraj. Veröffentl.
Geobot. Inst. Bübel 10: 50. 1933.

Based on *F. varia* ssp. *scoparia* var. *lutea* Haack.
Transylvania: .montis Oesem Teteje prope Sz.
Domokos lg. Sohur

Rumania

Festuca segetum Savi, Fl. Pis. 1: 116. 1798.

"Trovasi fra i grani."
Pisa, Italy

Festuca septiflora Honok. Vollst. Syst. Kern. Aller.
Gewächse Teutschl. 268. 1792.

Germany

Festuca serotina L. Syst. Nat. ed. 10. 876. 1759.

"Segu. var. t. 3. f. 2"; Sp. Pl. ed. 2. 111. 1762.

--Habitat Veronae. Seguer.".

Italy

= *Cleistogenes serotina* (L.) Keng

Festuca serrata R. A. Phil. Anal. Univ. Chile 94: 178.
1896.

"In valle fluminis Palena ab orn. Frid. Delfin
lecta fuit."

Chile

Festuca serrata (Thunb.) Spreng. Syst. Veg. 1: 355.
1825.

Based on "(*Dactylis serrata* Thunb.)"

Cape Good Hope. Africa
(Thunberg)

Festuca setacea Poir. in Lam. Encycl. Suppl. 2: 638.
1811.

"---cultivée au Jardin du Val-de-Grace. J'ignore
son lieu natal. (V.v.)...."La plante A ...
communiquée par M. Boso. ...recueillie dans la
Caroline. Serait-elle le type de la précédente?

= *F. octoflora* Walt. Man. U. S.

S. Carolina

Festuca setacea Cuss. Fl. Sic. Syn. 1: 83. 1843.

Not Poir. 1811.

Based on "*Vulpia setacea* Parlat. non Poir."

Italy

Festuca setifolia Steud. ex Griseb. Abh. Ges. Wiss.

Göttingen 19: 251. 1874.

(Steud. in Lechl. Berb. Amer. Austr. 56. 1857,
nom. nud. "Peru, Lechler nr. 1826" cited.) This
taken as type--Hitchc. Grass. Ecuador, Peru, etc.

"Catamarca...in convalle Granadillas. (Andes, Peru)
-- cited by Griseb.

= *F. dolichophylla* In Grass. Ecuador, Peru, &
Boliv.

Festuca setifolia var. *lilloi* (Haack.) St.-Yves,

Candollea 3: 217. 1927.

Based on *F. lilloi* Haack.

Argentina, prov. Tucuman, ...Stuckert n. 22459 ex
Lillo n. 11142 (25. I. 1912)

Festuca shortii Kunth ex Wood, Class-book ed. 3. 794.

1861; A. Gray, Man. ed. 6. 669. 1890, as syn. of

F. nutans Willd. error for Spreng. [Bieler]

Pennsylvania Man. U. S.

= *F. paradoxa* Desv.

Festuca shuka Speg. Anal. Mus. Nao. Buenos Aires 5: 95.

1896.

"Hara in scopulis maritimis: Port Vancouver; Blos-
som Bay; Port S. John; Ushuaia." [Plantae per
Fuegiam a Carole Spegazzini anno 1882 collectae.]

Patagonia

Festuca sibirica (Griseb.) Haack. ex Boiss. Fl. Orient.

5: 626. 1884.

Based on "*Leucopoa sibirica* Griseb."

Siberia altaica

Festuca Sibirica var. *caucasica* Boiss. Fl. Orient.

5: 626. 1884.

"Caucaso, Osetia prope Kars, Balta, in alpe Kad-
lasen (Brotherus!), in districtu Alagir ad ripas
fluv. Ardon infra Kisurtzy 3200' (Rupr!)."

Europe Russia

Festuca sibirica var. *Deasy* subv. *Karoi* St.-Yves, Bull.

Soc. Bot. France 71: 134. 1924.

"Asie, Daourie: S. loc., leg. Karo; Nerosynsk, leg.
Karo, Fl. Dah. no. 348, sub: *Leucopoa sibirica*
Griseb."....

Transbaical

Festuca sibirica var. *Deasy* subv. *Rendlei* St.-Yves,

Bull. Soc. Bot. France 71: 133. 1924.

"var. *Deasy* Rendle l.c. [Journ. Bot. 1900 p. 429]
s. str." [This is *F. deasyi* Rendle itself]

near Pola (June 1898)

China

Festuca sibirica var. *gemma* subv. *grandiflora* Haack.,

ex St.-Yves, Rev. Bret. no. 2: 121. 1927.

"Haack. nom. in herb."

"Regio Turkestanica."

Asia

Festuca sibirica var. *karei* (St.-Yves) St.-Yves, Rev.

Bret. No. 2. 121. 1927.

Based on *F. sibirica* var. *Deasy* subv. *Karoi* St.-Yves

[Transbaical]

Asie, Daourie: leg. Karo; Karo Fl. Dah. no. 348
sub. *Leucopoa sibirica* Griseb.

Festuca sibirica var. *planifolia* Roshev. Bull. Jard.

Bot. Prin. U.R.S.S. 28: 383. 1929.

"Siberia australis: Provinciae Iroutsk et Trans-
baicalia."

Festuca sichotensis Kriv. Not. Syst. (Bot. Inst.

Komarov) 17: 75. 1955.

Typus. Jugum Sichote-Alin australe, in loco reser-
vato publico Sudzuche, in declivitate occidentale
"Sopka Oblaznaja", 16 VII 1946. P. shudova et K.
Kurkin. In Herb. Inst. bot. Mo. So. URSS (Leningrad)
conservatur.

Siberia

Festuca sicula Presl, Cyp. et Gram. Sicul. 36. 1820.

"Hab. in apricis collinis Panormi."

Sicily

Festuca sicula Spreng. ex Steud. Nom. Bot. ed. 2.

1: 632. 1840, as syn. of *Vulpia gemiculata*. Not

Presl, 1820.

Sicily

Festuca sicula subv. *gemina* Coss. & Dur. Expl. Sci.

Alger. 2: 171. 1855.* no var. given

Based on *Festuca sicula* Presl

Sicily

*acc. to Stearn, dates for Sheets 16-20 [err. by
Stearn for 30] (i.e. pp. 121-241 [err. by Stearn for
240]) Vol. 2. betw. Apr. 1855 and Oct. 1855.

Festuca sicula var. *setacea* (Parl.) Aschers. & Graebn.

Syn. Mitteleur. Fl. 2: 555. 1901.

Based on *Vulpia setacea* Parl.

Sicily

Festuca sicula subv. *setacea* (Parl.) Coss. & Dur.

Expl. Sci. Alger. 2: 171. 1855.* subvar. but no
var.

Based on *Vulpia setacea* Parl.

Sicily

*acc. to Stearn, dates for Sheets 16-20 [err. by
Stearn for 30] (i.e. pp. 121-241 [err. by Stearn for
240]) Vol. 2 betw. Apr. 1855 and Oct. 1855.

Festuca sieberi Tausch. Flora 20: 127. 1837.

"Sieber aus den Tyroler Alpen."

Tyrol

Festuca sieberi var. *Carniolica* (Haack.) Aschers. &

Graebn. Syn. Mitteleur. Fl. 2: 530. 1900.

Based on *F. eu-spectabilis* var. *Carniolica* Haack.

[*F. spectabilis* *euspectabilis* var. *carniolica* Haack.]

Carniolias

Austria

Festuca Sieberi var. *subvariegata* (Hack.) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 529. 1900.

Based on *F. eu-spectabilis* subv. *subvariegata* Hack.
Austria

Festuca silvatica Vill. Hist. Fl. Dauph. 1: 271. 1786.
[not *F. sylvatica* Huds. 1762] [see *sylvatica*]

"sommet de Chalemont."
Dauphiné, France

Festuca silvatica var. *decidua* (Smith) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: Lief. 26: 44. 1903.

Based on *F. decidua* Smith
England

Festuca simensis Hochst. in A. Rich. Tent. Fl. Abyss. 2: 433. 1851.

"in pl. Schimp. Abyss., sect. III, 1684."
"Crescit in montibus simensibus (Schimper)."
Abyssinia

Festuca simplex Hornem. ex Steud. Nom. Bot. ed. 2. 1: 632. 1840, as syn. of *Vulpia inorassata* Parl.
[*F. inorassata* Salzm. based on *Vulpia inorassata* Parl. 1841.]

Corsica

Festuca simplex Boiss. Diagn. Fl. Orient. Nov. II. 3: 138. 1859. Not Hornem. ex Steud. 1840, as syn. only.

"Hab. ad rivules in planitie altâ Tekir Jalla montis Arpasi in Cappadocia....cl. Balansa."
Asia Minor

Festuca sinensis Keng, Claves gram. prim. Sinicarum 163. 1957, nom. nud.; Keng, Fl. Illustr. Plant. Prim. Sinicarum Gram. 126. 1959. descr. Chinese.

China

Festuca singularis Bordère & Miegéville, Bull. Soc. Bot. France 13: 38. (Sess. extraord. 37) 1891.

"Pyrenaeis centralibus, in valle Barèges, prope Gèdre et Gavarnie, —la Hourquette de Campbèl—."
France

Festuca siracusana Jem. ex Steud. Nom. Bot. ed. 2. 1: 632. 1840, as syn. of *F. duriuscula*
no loc.

Festuca smithii Kunth, Rev. Gram. 1: 133. 1829.
no description.

Based on "(*Festuca maritima* C. Smith., Link.)"
error.
Canary Is.

Festuca sodiroana Hack. in Sodiro, (Gram. Ecuador) Anal. Univ. Quito 1889: 10. 1889. name only

"---al occidente de la " Cordillera Ecuador

Festuca Sommeri Litard. Candollea 10: 108. 1945,
nov. nom.

Based on *F. longearistata* Somm. & Lev. ...nom Walp.
This is based on *F. ovina longearistata* Hack.
Circassia: M. Adzitzuko (Nicolas Alboff 1893, no. 70)
Caucasus, Russia

Festuca sororia Piper, Contr. U. S. Nat. Herb. 16: 197. 1913.

"Type in the U. S. National Herbarium, no. 45866, collected in the Rincon Mountains, Arizona.... by G. C. Nealley (no. 177)."

Man. U. S.

X *Festuca Soulieri* St.-Yves, Bull. Soc. Bot. France 71: 126. 1924.

Parents:
F. varia ssp. *Esika* X ssp. *pumila*
France

Festuca spadicea L. Syst. Nat. XII 2: 732. 1767.

"Scheuch. gram. 278."
"Habitat Monspelii. Couan."
France

Festuca spadicea L. misappl. by Moench. Meth. Fl. 190. 1794. Not L. 1767.

[= *F. arundinacea* fide Aschers. & Graeb.]
Europe

Festuca spadicea Geners. Fl. Saepius n. 90. 1798,
ex Roem. & Schult. Syst. 2: 719. 1817, as syn. of
F. varia Schrad. Not L. 1767.

Festuca spadicea Miellich. in Hoppe, Bot. Taschenb. 184. 1801, nom. nud. Not L. 1767.

Europe

Festuca spadicea var. *aurea* (Lam.) Richt. Fl. Eur. 1: 103. 1890.

Based on *F. aurea* Lam.
Dauphiné. France

Festuca spadicea var. *bastica* Hack. Monogr. Fest. Eur. 167. 1882.

"*F. caerulea* Boiss. in exsicc. hisp. non Desf." cited.

"In montibus Hispaniae australis e regione montana inferiori (Sra. de Palma supra Algeciras legi ipse, Sra. de Estepona l. Boiss.)"

Basis of *F. bastica* (Hack.) Richt.

Spain

Festuca spadicea ssp. *bastica* Jah. & Maire, Cat. Fl. Maroc. 1: 73. 1931.

Based on *F. spadicea* var. *bastica* Hack.
Spain

Festuca spadicea var. *bastica* Jevet, Bull. Soc. Bot. France 89: 24. 1942. Not Hack. 1882?

Says only: "La lande où vivait ce Bouleau (cf. Bull. Soc. Bot. Fr. l.o.) comportait, dans son voisinage... une quarantaine de plantes herbacées, dont *Phyteuma*, *Halleri* (r) et *Festuca spadicea* (touffes puissantes)"

1
Panicules dressées, étroites, plusieurs atteignant 17 cm. à épillets de 15 mm. de long. correspond à la var. *bastica* Hack. dont St.-Yves (Tent. Clav. anal. Fest. 1927, p. 93) indique ainsi la répartition: "Hispania praesertim australis. Imper. Marocanum. El vit dono plus au N."

* 1: 73. 1941.
Marocco

Festuca spadicea var. *capillifolia* Pau, Act. Soc. Esp. Hist. Nat. 29: 109. 1900, without descr. "Willk. Suppl., p. 26) = *F. Durandii* Clausen." cited.

Spain

Festuca spadicea var. *consobrina* (Timb.) Hack. ex Husnot, Gram. Fr. Belge 65. 1899.

"*F. consobrina* Timb."

France

Festuca spadicea var. *Durandii* (Clausen) Hack. Monogr. Fest. Eur. 167. 1882.

Based on "*F. Durandii* Clausen"

Sur le flanc nord du Zaccar = Gharbi (M. Clausen) [Algeria. Africa]

Festuca spadicea var. *fallax* Loret. & Barr. Fl. Montp. 2: 755. 1876.

Based on "*F. spectabilis* Godr. (non Jan)"
France

Festuca spadicea var. *fibrosa* (Griseb.) Richt. Fl. Eur. 1: 103. 1890.

Based on *F. fibrosa* Griseb.
[Rumelia, Turkey, Europe;
Bithynia-Asia Minor]

Festuca spadicea var. *gemma* Hack. Monogr. Fest. Eur. 165. pl. 4. f. 11. 1882.

France

Festuca spadicea var. *gemma* subv. *aurea* (Lam.) Hack. Monogr. Fest. Eur. 165. 1882.

Based on *F. aurea* Lam.
France

Festuca spadicea var. *gemma* subv. *consobrina* (Timb.) Hack. Monogr. Fest. Eur. 166. 1882.

Based on *F. consobrina* Timb.
France

Festuca spadicea var. *gemma* subv. *fibrosa* (Griseb.) Hack. Monogr. Fest. Eur. 166. 1882.

Based on *F. fibrosa* Griseb.
Europe

Festuca spadicea var. *interrupta* Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 515. 1900.

"Schweiz: Canton Tessin: Monte Boglia (J. Muret!)."

Festuca spadicea var. *livida* Hack. Cat. Gram. Portug. 27. 1880.

"Bruyères, bois de pins sur les montagnes: Sra de Cintra... Sra de Bussaco (Hkl!) Sra de Gerez! Sra de Rebordão pr. de Bragança!"

Portugal

Festuca spadicea var. *memorosa* Pollini, Fl. Veron. 1: 117. 1822.

"via d'Avio montis Baldi, et in via della Corona."
Tirol.

Festuca spaniantha R. A. Phil. Anal. Univ. Chile 94: 174. 1896.

"Schedula cum loco natali hujus planta amissa est."
Chile

Festuca speciosa Schreb. Spic. Fl. Lips. 59. 1771.

"In margine editiore stagni ad Altranstaedt."

"Leys. Halens. 90. Schreb. gram. 1. p. 97. t. 13."
....."Hall. hist. n. 1433." Cited.

Germany

Festuca spectabilis Jan. Elench. 2. 1826; emend.
Haack. Monogr. Fest. Eur. 187. 1882.

Cited sub *F. ssp. eu-spectabilis* var. *genuina*
subv. *typica* Haack. op. cit. 1882.

Europe [no loc. cited]

Festuca spectabilis Jan. misappl. by Gren. & Godr.
Fl. France 3: 579. 1855.

France

Festuca spectabilis Schur. Enum. Fl. Transsilv. 796.
1866, without descr.

"Jan. elench. 2, n. 38; Koch syn. ed. 2, 941; Rehb.
Icon. cent. XVII, f. 329." cited.

Europe

Not in Haack.

Festuca spectabilis Guss. ex Haack. Monogr. Fest. Eur.
191. 1882 (not Jan. 1826) as syn. of *F. calabrica*
Huter, Porta & Rigo.

Italy

Festuca spectabilis ssp. *affinis* Haack. Monogr. Fest.
Eur. 189. 1882, described here.

(Bot. Centralbl. 8: 408. 1881, without descr.
"F. *affinis* Boiss. & Heldr.; *F. spectabilis* Vis.)
Kroatien, Dalmatien, Griechenland." cited)

Group name—See formas

Festuca spectabilis ssp. *affinis* f. *croatica* Haack.
Monogr. Fest. Eur. 189. 1882.

"F. *croatica* Kerner in litt." cited

"in M. Velebit 1. Pichler, Sladikovic 1. Borbas."

Croatia Europe

Festuca spectabilis ssp. *affinis* f. *dalmatica* Haack.
Monogr. Fest. Eur. 189. 1882.

"F. *spectabilis* Vis. Fl. Dalm. 3: 351. 1853." cited

"Dalmatiae in M. Velebit 1. Visiani, Croatiae in
Vilena et Forkassio-Druga leg. Kitaibl."

Europe

Festuca spectabilis ssp. *affinis* f. *graeoa* Haack.
Monogr. Fest. Eur. 189. 1882.

"F. *affinis* Boiss. & Heldr. Fl. Graec. exsicc. 1852
Nro. 2776; Heldr. Herb. Graec. norm. nro. 346(1855)
---F. *cyllenica* v. *multiflora* Boiss. in Diagn. pl.
or. ser. 2 n. 4. p. 137. 1859." cited.

"In regione montana superiore atque subalpina
Graeciae ad m. Parnassum supra Acrinonero 1.
Heldr. (K)." Greece

Greece

Festuca spectabilis ssp. *affinis* var. *multiflora*
(Boiss.) Litard. Candollea 10: 117. 1945.

Based on *F. cyllenica* var. *multiflora* Boiss. &
Heldr. in Boiss.

in ...montis Parnassi Heldr.

Greece

Festuca spectabilis var. *calabrica* (H.P.R.) Fiori,
Fl. Anal. Ital. 1: 93. 1908.

"F. *spectabilis* Guss."

F. calabrica Huter, Porta & Rigo in Haack. Monogr.
Fest. Eur. 191. 1882.

Festuca spectabilis ssp. *carniolica* Hayek, Repert.
Sp. Nov. Fedde, Beih. 30⁴: 288. 1932.

Carniola Europe

Festuca spectabilis var. *coarctata* Haack. Termesz.
Fuzetek 2⁴: 295. 1878.

"Im Herbar Kitaibel in zahlreichen exemplaren in
Vilena- et Forkassio-Druga et in albus subal-
pinisque Croatiae."

Croatia, Europe

Festuca spectabilis var. *croatica* (Kern.) Haack. ex
Murbeck, Lunds Univ. Arsskr. 27⁵: 25. 1892.

Based on *F. croatica* Kern.

Croatia Europe

Festuca spectabilis ssp. *eu-spectabilis* var. *carnio-*
lica Haack. Monogr. Fest. Eur. 189. 1882.

"Exs. Schultz. Herb. norm. n. 587."

"In Carniolae montibus Nanos et Zhavn. (lg.
Tommasini)...."

Carniola Europe

Festuca spectabilis ssp. *eu-spectabilis* var. *genuina*
subv. *subvariegata* Haack. Monogr. Fest. Eur. 188.
1882.

"subv. *hucusque tantum* in M. Seisser Alps observata."

Tyrolia

Festuca spectabilis f. *sclerophylla* (Boiss.) Boiss.
Fl. Orient. 5: 625. 1884.

"F. *sclerophylla* Boiss. et Hoh. Diagn. Ser. I. 13,
p. 59."

"(Kotschy, Persiae borealis no. 245)"

Festuca spectabilis var. *subvariegata* (Haack.) Richt.
Fl. Eur. 1: 105. 1890.

Based on *F. spectabilis* var. *genuina* subvar. *sub-*
variegata Haack.

"Seisser Alps--Tyrolia"

Festuca sphagnicola Keller, Mém. Inst. Agron. Voronège
11: 78. 1928.

Altaiegebirges

Mongolia, Siberia-Asia

Festuca sphenopus Trin. ex C. A. Meyer, Verz. Pfl.
Cauc. 22. 1831, without descr.

"*Sclerophylla divaricata* Schult" cited. [Beauv.
misappl. by Schult.?]]

Caucasus

Festuca spica venti (L.) Raspail, Ann. Sci. Nat.
5: 445. 1825.

Based on "*Agrostis* Lin." [*Agrostis spica-venti* L.]

Europe

Festuca spicata Pursh, Fl. Amer. Sept. 1: 83. 1814.

"On the waters of the Missouri and Columbia rivers
...v.s. in Herb. Lewis."

= *Agropyron spicatum*

Man. U. S.

Festuca spicata Mutt. Gen. Fl. 1: 72. 1818. Not
Pursh, 1814.

"On the banks of the Missouri"

= *Distichlis striata* Man. U. S.

Festuca spiciformis Dulac, Fl. Haut. Pyr. 94. 1867.

"Montagnes: pic du Midi, Vignemale (Kh.). R."
[Philippe] [Hautes-Pyrénées]

France

Festuca spinosa L. f. Suppl. Fl. 111. 1781.

"Habitat ad Cap. bonas spei. [Cape Good Hope]
Eques Bäck."

Africa

Festuca spiralifibrosa Vetter, Repert. Sp. Nov. Fedde
38: 385. 1935.

"Südabhang des Berger Greben bei Gusinje, steinige
Stellen in der Buchenregion, ca. 1300 m, Kalk (S)."

Yugoslavia

Festuca splendens Pourr. Chloris Narbonensis "extrait"
republished in Mém. Acad. Roy. Sci. Toulouse
3: 319. 1788.

[Original published in 1782. Reprinted
with annotations by Lagrange, Bel. Pourrettianae, Tou-
louse, 1885, paging of original not seen.]

1788 paging given in Ind. Kew and here.

"A Narbonne, au Pech de l'Agnelle & sur les mon-
tagnes adjacentes." France

Basis of *Koeleria splendens* (Pourr.) Druce. Not
Fresl 1820.

Festuca stenzantha Haack, ex Nyman, Consp. Fl. Eur.
828. 1882, as syn. of *F. laevis* Haack.

Europe

Festuca stenzantha (Haack.) Beck, Fl. Nieder-Oesterr.
1: 104. 1890.

[also made by Richt. Fl. Eur. 1: 96. 1890]

Based on "Haack....als var. der *F.ovina* subsp. *lae-*
vis."

Alpium orientaliu Europe

Festuca sterilis Jess. Deutsch. Graesser 171. 1863.

"An trocknen Orten, auf Triften, Hügeln und
Genduer."

Germany

Festuca stuedelii R. A. Phil. Anal. Univ. Chile
94: 177. 1896.

"In Andibus prov. Valdivia loco dicto Queni
januario 1887, legit Otto Philippi,...."

Chile

Festuca stipoides (L.) Desf. Fl. Atlant. 1: 90. 1798.

Based on *Bromus stipoides* L.

Majorca Isl. Spain

Festuca stipoides Mutel, Fl. Frang. 4: 94. pl. 85.
f. 611. 1837. Non Desf.

France

Festuca stipoides var. *conferta* Cosm. Notes Crit.

48. 1849.

"In apricis prope S. Lucar de Barameda (E. Bourgeau)
Spain

Festuca stipoides var. *geniculata* Mutel, Fl. Franç.

4: 95. 1837.

"....Toulon (Robert); près Fréjus (Perreymond); Nice; Corse; Bone, lieux sablonneux entre la ville et l'embouchure de la Seybouse, C. (Mut.); Naples (Lois., herb.)."

France Italy.

Festuca stipoides var. *intermedia* Mutel, Fl. Franç.

4: 95. pl. 85. f. 613. 1837.

"Alger (Léman)."

Africa

Festuca stolonifera Miegew. Bull. Soc. Bot. France

10: 87. 1863.

Gabiedou... à l'entrée de la Canac... dans les Hautes Pyrénées en 1860-1862, Miegewille Collector.

[*rubra* ssp. *pyrenaica* (Bent.) Hack.] fide Hack.

Pyrenees

Festuca stricta Host, Gram. Austr. 2: 62. pl. 86. 1802.

"In pratis." [Graminum Austriacorum]

Austria

Festuca stricta Schleich ex Gaudin, Alpina 3: 59.

1808. Not Host, 1802.

Switzerland

Festuca stricta Host, misappl. by Gaudin, Agrost. Helv.

1: 237. 1811. Not Host, 1802, but "Host, Gram. austr. 2. tab. 86." cited.

Switzerland

Festuca stricta Poir. in Lam. Encycl. Suppl. 2: 636.

1812. Not Host, 1802.

"Île Bourbon, M. Bory-Saint-Vincent (V. s. in herb. Desf.)."

Isl. Reunion, Indian Ocean

Festuca stricta Westb. ex Fedtsch. Bull. Jard. Bot.

Pierre Grand 14 (Suppl. 2): 86. 1915, nom. nud. Not Host, 1802.

U.S.S.R.

Festuca stricta subv. *glaberrima* Hack. in Degen, Fl.

Veleb. 1: 545. 1936.

"Hack. in litt. 1906." Degen gives Hack. in parenthesis after descr.-then adds some notes on his plant.

Krb.: = Krbavien. "In Felsspalten auf dem Gipfel der Gola." Flješivica bei Korenica (D) Degen, collector.

Croatia. Jugo Slavia

Festuca stricta f. *horanszkyana* Soó, Acta Bot. 2: 199.

1955.

Europe

Festuca stricta var. *polita* Hack. in Heldr. herb. gr.

norm. n. 1398; as basis of *Festuca ovina* var. *polita* (Hack.) Halac. Consp. Fl. Graec. 3: 401. 1904.

"In saxosis regionis alpinae Mt. Korax Aetoliae (Tunt.)" [probably a list]

Greece

Festuca stricta var. *rubra* Nees ex Boyle, Illustr.

Bot. Himal. 417. 1839, nom. nud.

India

Festuca strictifolia Opiz, Natural. n. 9: 126. 1825.

Opiz, Seznam. Rostl. České 44. 1852, nom. nud. [in Brit. Mus., Latin descr. fide Merrill, 1948]

Probably in Beitrage zur Naturgeschichte.

Merrill says no. 1-11 appeared as Naturalientausch. See under Opiz in H. & C. Library.

Festuca stuartiana Steud. Syn. Fl. Glum 1: 304. 1854.

"C. Stuart legit in Terra Van Diemen."

Tasmania

Festuca stübelii Pilger, Bot. Jahrb. Engler 25: 717.

1898.

"Bolivia: Crescit locis sterilibus circa La Paz (coll. boliv. n. 60)." [Stübel]

= *F. rigescens* (Presl) Kunth

Andes Gr.

Festuca stueckertii St.-Yves, Candollea 3: 304. 1927.

"Rep. Argentine. Prov. de Tucuman: dep. de Tafi Barrancas... leg. Lillo 26-XII-1908 No. 8873! (herb. Stueckert sub *Festuca erecta* Urv. determ. Hackel! in herb. Deless.)"

Festuca subandina R. A. Phil. Anal. Univ. Chile

94: 177. 1896.

"Pariter in Andibus Valdivae ab Otto Philippi lecta, et quidem loco dicto Boquete de Tranaura."

Festuca subantarctica Parodi, Rev. Arg. Agron.

20: 225. 1953.

Festuca Commersonii Franchet, Miss. Sc. Cap. Horn. 387, tab. 80, 1889.--Non *F. commersonii* Sprengel, Syst. Veget. 1: 353. 1825. *F. Commersonii* var. *vivipara* Mackloskie, Rep. Frino. 8(5): 234, 1903, n. nud.

Región austral del Archipiélago Fuegino.

Festuca subbiflora Suksdorf, Werdenda 1^{1/2}: 2. 1923.

"An steilen, sonnigen Abhängen bei Bingen, 20 und 29. Mai 1908. nr. 6144, 10229 und 1298 sind andere Nummern, die hierher gehören." [Suksdorf]

Washington state.

= *F. pacifica*
A.S.H.

Man. U. S.

Festuca subciliata (Link) Steud. Syn. Fl. Glum.

1: 304. 1854.

Based on "*Vulpia subciliata* Link."

Patras. Greece

Festuca sublimis Pilger, Bot. Jahrb. Engler 25: 718.

1898.

"Ecuador: Pucara de Chisale (coll. ecuat. n. 297)." [Stübel]

Andes Gr.

X *Festuca submutans* Holmb. Bot. Not. 94. f. 1 & 2.

1930.

Parents:
Festuca pratensis Huds. X *Lolium multiflorum* Lam.

Stadt Landskrona

Sweden

Festuca subracemosa Schur, Baum. Fl. Transsilv.

785. 1866.

"Auf Gerdille, Kalk, oberhalb des Klosters Skitt auf dem Butsets bei Kronstadt."

Rumania

Festuca subspicata Lipsky, Contr. Fl. Asiae Med. 1900.

in Act. Hort. Petrop. 26: 609.

these 2 cited by St.-Yves, Rev. Bret. no. 2. 1927.

Bret. Bot. 1927: no. 2: 94. no year cited for Act. Hort. Petrop. no page cited for Contr. Fl. As. Med.- date taken from Bradley Bibliogr 5: 517. 1918

Festuca subspicata (Regel) Lipsky, Acta Hort. Petrop.

26: 609. 1910.

Based on "*Glyceria subspicata* Regel"

Asiatic Russia

Festuca subspicata var. *Griffithiana* St.-Yves, Rev.

Bret. no. 2: 95. 1927; Candollea 3: 423. 1928.

"Regio Himalayensis."

"Indes: s. loc., Herb. 1. Ind. Co., ex Herb. Griffith no. 6627 sub "*F. spadiacea*" (herb. Berlin, 2 parts)."

Festuca subspicata var. *turkestanica* (Franch.) St.-

Yves, Rev. Bret. No. 2. 95. 1927; Candollea

3: 422. 1928.

Based on *F. turkestanica* Franch.

"Regio Turkestanica: "Korum", "Alai."

Central Asia

Festuca subtilis Steud. Syn. Fl. Glum 1: 317. 1854.

"Triticum tenue Fisch. Mey. Sem. H. Petr. 1845. *Trachyrhiza subtilis* Hort."--No hab. given."

Hort. source unknown

Festuca subulata Trin. in Bong. Mem. Acad. St. Pétersb.

VI. Math. Phys. Nat. 2: 173. 1832.

Ile de Sitcha

Alaska

Festuca subulata var. *Fraseriana* St.-Yves, Candollea

3: 451. 1928.

"Spec. exam.--Amérique du Sud. Equateur: s. loc., Fraser 1860 (herb. DC.)"

Festuca subulata var. *Hochreutineri* St.-Yves,

Candollea 5: 136. 1932.

"Java: Tengger à la limite de la forêt de Casuarina entre le Mt. Ajak-ujak et le lac de Kano Kombole... Hochreutiner Voy. Ind. Neerl. et tour du monde [1903-1905] No. 395 sub *F. gigantea* Koord.?(herb. Deless.)."

Festuca subulata var. *japonica* Hack. Bull. Herb.

Boiss. 7: 713. 1899.

"Coll. Faurie: 8520 côte de Monashi, 10525 côte de Saruru, Coll. Matsum: Nikko."

Japan

Festuca subulata var. *Jonesii* (Vasey) St.-Yves,

Candollea 2: 284. 1925.

Based on *F. Jonesii* Vasey

= *F. subulata* Trin.

Man. U.S.

Utah

Festuca subulata var. *leptopogon* (Stapf) St.-Yves,
Rev. Bret. No. 2: 115. 1927; Candollea 3: 450.
1928.

Based on *F. leptopogon* Stapf

Sikkim Himalaya...J.D.H. [homson]
Khasia Hills...Hook.f. & T., Clarke.

India

Festuca subulata var. *parodiana* St.-Yves in Parodi,
Physis 11: 499. 1935.

Parodi says diagnosis made by St.-Yves and sent
several months after his death.

"Habitat: République Argentine, Province de Tucuman:
La Banda "común a orilla de riachos en los bosques
de Aliso" 2400m., leg. Parodi, no. 10.669, 25-1.
1933; San José "común en el bosque de Aliso", 2100m.
leg. Parodi, No. 10.698, 26-1-1933 (herb. Parodi,
herb. St.-Y.)."

Festuca subulata var. *sororia* (Piper) St.-Yves,
Candollea 2: 285. 1925.

Based on *F. sororia* Piper

Arizona, Rincon Mts. (Nealley 177) Man. U. S.

Festuca subuliflora Scribn. in Macoun Cat. Can. Fl.
2: 396. 1890.

Type--Macoun ? Vancouver Island. In Herb. Scribner
Also mentioned Henderson 1171 & 1367
Howell 19

*Gives descr. in letter from Scribn.

Festuca subulifolia Benth. Fl. Hartw. 262. 1846.

"Hacienda de Antisana." [Hartweg no. 1455] [in *Andi-
dibus Quitensium, Popaymensium et Bogotensium,
necnon secus flumen Magdalena, n. 870 ad 1531.*]

Colombia, Ecuador

Festuca subulifolia Scribn. Macoun Cat. Can. Fl.

2: 396. 1890. Not Benth 1846. See *subuliflora*
Scribn.

typ. or pen slip for *subuliflora* at end of descr.
Vancouver Island

Festuca sudetica Tausch ex Steud. Nom. Bot. ed. 2.

1: 633. 1840, as syn. of *F. varia*.

Festuca suksdorfii Piper ex Suksdorf, Werdenda
1: 2. 1923.

"An trookenen Berghalden bei Bingen in Wasnington,
17 und 18 Mai 1906, nr. 5604, und 31 Mai 1918,
nr. 10044."

= *F. confusa* Piper Man. U. S.

Festuca sulcata (Hack.) Beck, Fl. Nieder-Oesterr.

1: 103. 1890. (as *F. sulcata* Hack.?) same made by
Fedtsch. Bull. Jard. Imp. Bot. Pierre le Grand.
14(Suppl. 2): 84. 1915, without descr. same basis.

Based on *F. ovina* subsp. *sulcata* Hack.

Festuca sulcata var. *asperima* Hack. ex St.-Yves,
Candollea 5: 111. 1932.

"Prov. Jelisavetpol. distr. Ares Montes Boziagh, in
declivis dumosis faucium Mazit (ares, St-Tr.) 5 (18)
VI 913 leg. Woronow."

Transcaucasia

Festuca sulcata var. *barbulata* (Hack.) Richt. Fl. Eur.
1: 96. 1890.

Festuca ovina ssp. *sulcata* (var. *genuina*) subv.
barbulata Hack.

Silesia superiore (Dirschel)

Europe

Festuca sulcata var. *ciliata* Podpéra, Květena Moravy
6: 154. 1926; Acta Soc. Sci. Nat. Morav. 2: 424.
1926. Description in Czechoslovak.

"*F. sulcata* l.f. *ciliata* Podpéra Plantae Mor. Novae
v. minus cogn. 10. 1922." cited.

Brno: Svobodná u Evanovic (Weighart); Mariánské
údolí u Líšně (Švestka); Slavkov (Vitek); Sěvy u
Budovic (Podpéra);--Brno: na louce u Kostic
(Podpéra);

Czechoslovakia

Festuca sulcata var. *olerata* (Schur) Grecescu, Consp.
Fl. Roman. 627. 1898.

Based on *F. olerata* Schur.

Arpaser und Kerzesorer
Alpen, Rumania

Festuca sulcata var. *genuina* subv. *durier* Hack. ex
Rohlens, Allg. Bot. Zeitschr. 8: 85. 1902.

"Bei Michelsberg unweit von Žernoseky! Voškovroh bei
Poděbrady! Auf beiden Fundorten auf grauem Letten-
boden und entspricht die Färbung der Blätter dem
Substrate."

Czechoslovakia

Festuca sulcata var. *glauantha* (Hack.) Richt. Fl.
Eur. 1: 96. 1890.

Based on *Festuca ovina* ssp. *sulcata* (var. *genuina*)
subv. *glauantha* Hack.

Austria inferiori
(St. Pölten)

Festuca sulcata var. *Hackellii* (Blok) Zapal. Consp.
Fl. Galio. Crit., Rozpr. Wydz. Mat.-Przyr. Akad.
Umiejtn. Krakow III. 4, 8: 176. 1904. Aug. 11.

Cites: "Blok (pre sp.)"

"Bilozé (Blok)."

Galicia, Poland

Festuca sulcata var. *hirsuta* (Host.) Richt. Fl. Eur.
1: 96. 1890.

Based on "*Festuca hirsuta* Host"

Austria

Festuca sulcata var. *hirsuta* subv. *glabrifolia* Kraj.
Acta Bot. Bohem. 9: 204. 1930.

[Czechoslov. Exsicc. Cent. II]

Festuca sulcata var. *hirsuta* subv. *hispida* (Hack.)
Kraj. Acta Bot. Bohem. 9: 202, 204. pl. 6. f. 1.
1930.

Based on "*F. ovina* ssp. *sulcata* var. *genuina* subv.
hispida Hack.

Matra, Buda, Hungary
Serbia et Bosnia

Festuca sulcata var. *hispida* Richt. Fl. Eur.
1: 96. 1890.

Based on *F. ovina* ssp. *sulcata* (var. *genuina*) subv.
hispida Hack.

Matra, Buda, Hungary
Serbia & Bosnia

Festuca sulcata var. *megaphylla* (Schur) Grecescu,
Consp. Fl. Roman. 627. 1898.

Based on *F. megaphylla* Schur

bei Kronstadt.
Rumania

Festuca sulcata var. *nana* Grecescu, Consp. Fl.
Roman. 627. 1898.

"Ceahlăului (Knecht.)"

[Rumania]

Festuca sulcata var. *pseudovina* (Hack.) Fedtsch. Bull.
Jard. Bot. Pierre Grand 14(Suppl. 2): 84. 1915.

Based on *F. pseudovina* Hack.

Rumania

Festuca sulcata var. *rupicola* (Heuff.) Beck, Fl.
Nieder-Oesterr. 1: 103. 1890.

Based on "*Festuca rupicola* Heuff."

Banat. Rumania

Festuca sulcata var. *saxatilis* (Schur) Jav. Magyar
Fl. 1: 100. 1924, descr. in Hungarian.

Based on *F. saxatilis* Schur.

Königstein, Kronstadt, Rumania

Festuca sulcata var. *taurica* Kern. ex Fedtsch. Bull.
Jard. Bot. Pierre Grand 14(Suppl. 2): 84. 1915,
without descr.

U.S.S.R.

Festuca sulcata var. *vallesiaea* (Schleich.) Domin,
Beih. Bot. Centralbl. Abt. II. 26: 278. 1910.

Based on *F. vallesiaea* Schleich.

Switzerland

Festuca sulcata subv. *wagneri* Deg. Thaisz & Flatt,
Magyar Bot. Lapok 4: 30. 1905.

"Hab. in collibus arenae mobilis oomitatus Temes,...
sub finem Jun. 1904 cum Prof. Joannes Wagner."

[Hungary]

Festuca sumatrana Jansen, Acta Bot. Neerl. 2: 373.
1953.

Sumatra, Atjeh, East slope of Mt. Kemiri, in small
dense tufts among rocks at 3300 m. altitude, Van
Steenis 9629. Type in Rijksherb. Leyden. 952-64-
404.

Festuca supina Schur, Enum. Fl. Transilv. 784. 1866.

"Auf Felsen und Gerölle der Hochalpen: Fogaraser-
Arpaser- Kerzesorer- Bodnaer Alpen, Glimmerschiefer;
Kronstädter Alpen: Butsets, Königstein, Kalk,
Hunyader Alpen, Retezat 6000-7000."

Rumania

Festuca supina var. *elata* Drobv, Trav. Mus. Bot. Acad.
Sci. Petrograd 14: 153. 1915.

[Cites as "Syn.: *F. ovina* var. *vulgaris* Koch Trautv.
Fl. Sib. borealis, Acta H. P., T. V. 1877, p. 134.
Fl. rip. Kolym. Acta H. P., T. V. 1878, p. 568)."]

"Hab. Prov. Jakutsk. In sylvia rupibus, declivibus
arenosis (Coll. Czekanowski et Müller, Haak)."
"Prov. Irkutsk, distr. Kirensk. In sylvia, frutice-
tis declivibus arenosis ad fl. Tunguska inferiorem et
Czona. (Coll. Drobv, 1914)."
Siberia
Compared with *F. ovina* var. *supina* Hack. (*F. supina*
Schur)

Festuca supina var. *elata* f. *variegata* Drobv, Trav.
Mus. Bot. Acad. Sci. Petrograd 14: 154. 1915.

Only descr.: "*Spiculæ variegatae*."

Siberia

Festuca supina var. *elata* f. *viridis* Drobv, Trav.
Mus. Bot. Acad. Sci. Petrograd 14: 154. 1915.

"*Spiculæ virides*." Only descr.

Siberia

Festuca supina var. *grandiflora* (Hack.) Richt. Fl.
Eur. 1: 93. 1890.

Based on *F. ovina* var. *supina* subv. *grandiflora* Hack.
Styriae, Carinthiae, Tiroliae, Helvetiae
Austria; Switzerland

Festuca supina var. *hirticulmis* Schott & Kotschy ex
Jav. Magyar Fl. 1: 98. 1924, in Hungarian.

"Az Ünökűvön a Bodnai havasokban"
Hungary

Festuca supina var. *mutica* Simk. Enum. Fl. Transsilv.
587. 1886.

Kerámok
Rumania

Festuca supina var. *oligantha* (Hack.) Richt. Fl.
Eur. 1: 93. 1890.

Based on *F. ovina* var. *supina* subv. *oligantha* Hack.
"in Carpathis hungaricis et transsylvanicis"
Rumania

Festuca supina var. *pubiflora* (Hack.) Richt. Fl. Eur.
1: 93. 1890.

Based on *F. ovina* var. *supina* subv. *pubiflora* Hack.
"in Carpathis hungaricis et transsylvanicis"
Rumania

Festuca supina var. *vivipara* (L.) Richt. Fl. Eur.
1: 93. 1890.

Based on *F. ovina* var. *vivipara* L.
Sweden

Festuca surculosa Miegville, Bull. Soc. Bot.
France 13: 36. 1891.

"Pyrenaeis----inter vallem--Las Eaux-Sonnees, et
valles nuncupatus Azun et Argelès."
France.

Festuca sylvatica Huds. Fl. Angl. 38. 1762.

"Habitat in sylvis et sepihus frequens."
England

Festuca sylvatica Vill. Hist. Fl. Dauph. 2: 105. pl. II
no. 8. 1787. Not Huds. 1762.

France, "environs de Grenoble."

Festuca sylvatica Host, Icon. Gram. Austr. 2: 56.
pl. 78. 1802. Not Huds. 1762.

"In sylvis Pannoniae, Moraviae, Bohemiae, Austriae,
in agro vindobonensi copiose prope Mauerbach."
Europe

Festuca sylvatica var. *decidua* (Smith.) Syme in
Sowerby, Engl. Bot. ed. 3. 11: 149. 1873.

Based on "*F. decidua* Sm."
Westmoreland (Rev. Mr. Holme) Piedmont in 1789
(Dr. Bellardi) England

Festuca sylvatica var. *glabrescens* Coss. & Germ. Fl.
Env. Paris 2: 648. 1845.

environs de Paris

Festuca sylvatica var. *minor* Sm. Fl. Hamburg. 64. 1851

"*F. decidua* Sm." cited.
Germany

Festuca sylvatica var. *subaristata* (Parnell) Druce,
Brit. Fl. List Ed. 2. 132. 1928.

Based on *Poa sylvatica* subaristata Parnell
Killin, Perthshire
Scotland

Festuca syrtica (F. Muell.) F. Muell. Fragm. Phyt.
Austr. 8: 130. 1873.

Based on "*Poa syrtica* F. M." [F. Muell.]
Spencer's and St. Vincent's Gulf,
Australia

Festuca takasagoensis Ohwi, Acta Phytotax. & Geobot.
2: 163. 1933.

["taga" in op. cit. 12: 113. 1943, as synonym of
F. leptopogon]

"Hab. Formosa: Pianan-anbu in Taihoku-shu (J. Ohwi
n. 2735-Typus)."

Festuca Takedana Ohwi, Acta Phytotax. & Geobot.

1: 67. 1932, as syn. of *Leiopoa nuda* Ohwi; 4: 33.
1935, without descr. *Leiopoa nuda* cited. In list
(p. 33) of "Emendanda ad Faso. 1-10."
See 1953 card.

Presumably author is basing *F. takedana* on *Leiopoa*
nuda, this based on *Poa nuda* Hack.

Valid in Ohwi, Fl. Japan 114. 1953.

Festuca takedana Ohwi Fl. Japan 114. 1953.

"*Poa* (?) *nuda* Hack.-*Leiopoa nuda* (Hack.) Ohwi."

[Presumably specific name changed because of *Festuca*
nuda Schur, Verh. Siebenb. Ver. Naturw. 3: 91. 1852,
but that is not *nuda*! No other *F. nuda*.]

"in monte Takeyama" in Hack.

Japan

Festuca tarmensis Pilger, Bot. Jahrb. Engler 37: 515.
1906.

"Weberbauer n. 2233" "Peru: Dep. Junin, in provin-
cia Tarma++ ab Huacapistana."

Festuca tatrae Degen, Magyar Bot. Lapok III. 171.
1904, nom. nud.; Javorka, Magyar Fl. 1: 97. 1924.

Presumably based on *F. amethystina* var. *tatrae* Czako
Jahrb. Ungar. Karpathen Ver. 15: 271. 1888.

Bei Hradek...Kitabel, Tatra.

Hungary

Festuca tatra f. *debiliior* Kraj. Acta Bot. Bohem.
9: 218. 1930.

Hungary

Festuca tatra f. *flavocida* Kraj. Acta Bot. Bohem.
9: 218. 1930.

Hungary

Festuca tatra f. *flaviviridis* Kraj. Acta Bot. Bohem.
9: 218. 1930.

Hungary

Festuca tatra f. *robusta* Kraj. Acta Bot. Bohem.
9: 216. 1930.

Hungary

Festuca Tatrae f. *typica* Kraj. Acta Bot. Bohem.
9: 215, 216, pl. 6, f. 11. 1930.

Hungary

Festuca tauricola Vetter, Verh. Zool. Bot. Ges. Wien
77: 41. 1927.

var. *genuina* l.o.

"in declivibus inter alpes "Katalalpe" et Mittelder-
feralpe in valle "Prossnitztal" prope pagum "Matrei"
in Tirolia orientali."

Tirol

Festuca tauricola var. *pilosa* Vetter, Verh. Zool. Bot.
Ges. Wien 77: 41. 1927. -

"in declivibus inter alpes "Katalalpe" et "Mittelder-
feralpe" in valle "Prossnitztal" prope pagum "Matrei"
rei" in Tirolia orientali; 4 praeterea in pratis
"Ladstätter Wiesen" ad pedes montis "Kaiserhöhe"
versus pagum "Matrei" in Tirolia orientali."

Tirol

Festuca tauschii (Tausch) Steud. Syn. Fl. Glum 1: 317.
1854.

Based on "*Triticum flabellatum* Tausch."
hort., source unknown.

Festuca taygetea Hack. Oesterr. Bot. Zeitschr. 53: 32.
1903, as syn. of *F. varia* var. *cylleneae* (Boiss. &
Heldr.) Hack.

Greece

Festuca teotoria St.-Yves, Candollea 3: 240. 1927.

"Pérou. Prov. Ayacucho, Coracora, Weberbauer No.
5811 (herb. Berlin); Sandia, Weberbauer No. 589
(herb. Berlin)."
5811 fragment U. S.

Festuca teotoria ssp. *mandioniana* St.-Yves, Candollea
3: 242. 1927.

var. *genuina*

Bolivia: Millipuya, près Sorata Mandon No. 1362
(herb. DC. et herb. Boiss.)

F. sublimis in A.S.H. Grasses Andes

Festuca teotoria ssp. *mandioniana* var. *mutica* St.-Yves,
Candollea 3: 243. 1927.

Bolivia: Colle Quinociroa et Cuidique, près Sorata,
et Melatulini près Millipuya Mandon No. 1361 (herb.
DC. et herb. Laus.)

F. dolioophylla in A.S.H. Grasses Andes

Festuca teotorum Larrain. Escrib. D. A. Larrain, 2: 46.
1923. [Publ. Inst. Hist. Geogr. Urug.]

"N.o 1811. sp. n." [Uruguay]

Festuca tenax Hort. ex Link, Enum. Fl. 1: 67. 1821,
as syn. of *Poa tenax* Link.

Cult. no source cited.

Festuca tenella Willd. Sp. Pl. 1: 419. 1797.

Name only. Schreb. ex Muhl. Am. Phil. Soc. 3: 161. 1793.

N. America

= *Festuca octoflora* var. *tenella* A.S.H.

Festuca tenella Moench, Meth. Fl. Suppl. 63. 1802.

Not Willd. 1797. Name only.

"h. h." Marburgi

Germany

Festuca tenella Chaub. ex Steud. Nom. Bot. ed. 2.

1: 633. 1840, as syn. of *F. poa*. Not Willd. 1797.

Name only.

Festuca tenella var. *aristulata* Torr. U. S. Rep.

Expl. Miss. Pacif. 4: 156. 1856, non nud.

Napa Valley, Cal. Bigelow

= *F. octoflora* var. *tenella* Man. U. S.

Festuca tenella var. *glauca* Nutt. Amer. Phil. Soc.

Trans. (h.s.) 5: 147. 1837.

Fort Smith, Arkansas, Nuttall.

= *F. octoflora* var. *glauca* (Nutt.) Fernald

Man. U. S.

Festuca teneriffae Roth, Nov. Fl. Ind. Orient. 78.

1821.

"E. Teneriffa accepit amicus dilectiss. Prof. Mertens Bremse."

Ins. Teneriff Canary Isle.

Festuca teneriffae Hack. Oesterr. Bot. Zeitschr.

53: 35. 1903.

"In insula Teneriffa leg. Broussonet (Vidi in herb. Mompeliensi)."

cf. Both. 1821, [descriptions similar, may be same species]

Teneriffe Island Canary Islands

Festuca tenoreana Steud. Syn. Fl. Glum 1: 317. 1854.

"*Bromus liliaceus* Tenor. in R. S. Syst II 740.... Italia."

[In R. & S. "*Bromus liliaceus* Tenore" is cited as synonym of *Brachypodium liliaceum* Roem. & Schult.]

Festuca tenuicula (Lois.) Link, Hort. Berol. 1: 146,

1827.

Based on "*Triticum tenuiculum* De Cand."

[DC cites "Lois. Not. Fl. France 27. 1810]

"---environs de Nantes---[coll.] M. Gochnat."

France

Festuca tenuicula (Boiss. & Reut.) Nyman, Syll. 418.

1854-55. Not Link 1827.

Based on "*Vulpia tenuicula* Boiss. & Reut."

Spain

Festuca tenuiflora Schrad. Fl. Germ. 1: 345. 1806.

"*Triticum tenellum*. Host, Gram. 2. p. 20. (exol. omnibus synonymis)." cited.

Austria

Festuca tenuiflora var. *aristata* Koch, Syn. Fl. Germ.

Helv. ed. 1. 809. 1837.

[Europe]

Germany - Switzerland

Festuca tenuiflora var. *aristata* Staub. Math. Termesz.

Köslm. 14: 229. 1877. Not Schrad. 1806.

Europe

Festuca tenuiflora var. *biuncialis* Koch, Syn. Fl.

Germ. Helv. ed. 1. 809. 1837.

"T. biunciale All. suet." [Triticum intended? there is no T. biunciale All.]

Triticum biunciale Vill. Pl. Dauph. 2: 167. 1787. "nicht Richter, All." [that is, misapplied in Richter and in Allioni.] fide Aschers. & Grabn. Syn. Mitteleur Fl. 541.

Europe

Festuca tenuiflora var. *mutica* Koch, Syn. Fl. Germ.

Helv. ed. 1. 809. 1837.

[Europe]

Festuca tenuifolia Sibth. Fl. Oxon. 44. 1794.

"Baill Syn. 410." "Pluk. Alm. tab. 34. f. 2." cited.

"Dry pastures. Bullington Green." Oxoni.

England

Festuca tenuifolia var. *paludosa* (Gaudin) DuRoi.

Taschenb. Schweiz. Bot. 880. 1869.

Based on *F. paludosa* Gaudin.

Switzerland

Festuca tenuifolia var. *vivipara* (Smith) DuRoi.

Taschenb. Schweiz. Bot. 880. 1869.

Based on *F. vivipara* Smith

Scotland - England

Festuca tenuis (Moench) Raspail, Ann. Sci. Nat.

5: 445. 1825.

Based on "(Avena tenuis Moench)."

Fronhausen & Caldern

Germany

Festuca tenuis Kittel, Taschenb. ed. 2. 100. 1844.

Not Raspail 1825.

Europe

Festuca tenuis Opiz, Lotus 3: 181. 1853. Not

Raspail, 1825.

"Podbaba bei Prag. 2 - 6 - 52. Opiz."

Czechoslovakia

Festuca tenuis (Tineo) Godr. Mem. Acad. Stanislas

432. 1854. Not Rasp. 1825.

Based on *Bromus tenuis* Tineo

Europe

Festuca tenuis (Tineo) Nyman, Syll. 418. 1854-55;

Steud. Syn. Fl. Glum. 1: 305. 1854. Not Raspail, 1825.

Based on "*Bromus tenuis* Tineo." 1817.

[Sicily]

Festuca tertia Steud. Syn. Fl. Glum 1: 316. 1854.

"Zolling. hrbr. nr. 40....Japonia."

Festuca texana Steud. Syn. Fl. Glum 1: 310. 1854.

"Hrbr. Drummond nr. 387. Texas."

= *Leptochloa fascicularis* Man. U. S.

Festuca texana Vasey, Bull. Torrey Club 13: 119. 1886.

Not Steud. 1854.

No loc. cited [Texas]

[Upper Llano, Tex., Beverichon 1618]

= *F. versuta* Beal Man. U. S.

X *Festuca Teyberi* Vetter, Verh. Zool. Bot. Ver. Wien

65: 148. 1915.

F. rubra X *vaginata* cited.

"In Gesellschaft....auf sterilem, sandigem Boden nächst der Abdeckerei von Marchegg."

Austria

Festuca thalassica Kunth, Rev. Gram. 1: 129. 1829.

Type loc: "Europa."

Festuca thalassica var. *nana* (Lange) Aschers. &

Grabn. Syn. Mitteleur. Fl. 2: 460. 1900.

Based on *Glyceria maritima* var. *nana* Lange

Europe

Festuca thermanum R. A. Phil. Anal. Univ. Chile

21: 385. 1862.

"Prope scaturigines thermanum inveni" [a los baños 1 al nuevo volcan de Chilian por don Rodolfo A. Philipp] from title

Chile

Festuca thomaziana J. Gay ex Mutel, Fl. Franco.

4: 92. pl. 84. f. 608. 1837.

"Corse, Porto-Vecchio (Soleirol, plante communiquée sans nom); Frejus et Sardaigne (De Lens, herb.)"

Corsica

Festuca thomaziana var. *subaristata* Mutel, Fl. Franco.

4: 93. pl. 85. f. 610. 1837.

"sables près Montpellier et en Corse."

[France]

Festuca Thouini Steud. Syn. Fl. Glum 1: 311. 1854.

"Thouin (vidi ex Hrbo. Mugeot) legit in Domingo. Ins. Antilles."

"impossible de retrouver dans...collections le *Festuca Thouini* Steudel des herbier Thouin & Cambessedes." [From card of Daveau, Jardin des Plantes, dated Jan. 5, 1921. Montpellier] W.I.

= *Leptochloa fascicularis* Man. W. I.

Festuca? Thunbergii Kunth, Rev. Gram. 1: 123. 1829.

Based on "(*Agrostis ciliata* Thunb.)"

[description does not suggest *Festuca*]

Basis of *Agrostis Thunbergii* Steud.

[Japan]

Festuca thurberi Vasey in Wheeler, Cat. Fl. Surv. W.

100th Merid. 56. 1874.

"No. 1154" South Park, Colo.

Man. U. S.

Festuca tienshanica Roshev. in Kom. Fl. U.R.S.S.

2: 526, 772. pl. 39. f. 6a-f. 1934.

"Spec. typ.: Kasakstan orientalis, districtus Dzharkent, in montibus Karatau, ad trajectum Essek-art-kan 6 VII 1910, no. 2043. leg. A. Michelson."

Turkestan

Festuca tibetica Bruneau & Quézal, Bull. Soc. Bot.

France 106: 138. f. 3. 1958.

"Habitat: Tibesti, Emi Koussi, dans les lappiaz volcaniques culminant au-dessus de 3,000 m. aux lieux dits Bili Iringa et Sugzagan où elle est très rare."

Festuca tilingii Regel & Tiling, Nov. Mem. Soc. Nat.

Moscou 11: 125. 1859.

Ajan. East Siberia

Festuca tolucensis H.B.K. Nov. Gen. & Sp. 1: 153. 1816.

"Crescit in montosis, scopulis, apricis regni Mexicani, inter Iztahuaca et Toluca, alt. 1380 hexap." [Humb. & Bonpl.]

Grasses Mex.

Festuca tolucensis H.B.K., misappl. by Rupr. Bull.

Acad. Sci. Brux. 9²: 236. 1842, without descr.

"(Coll. H. Gal. no. 5770.)"

Festuca tolucensis aequipaleata (Pourn.) Piper, Contr.

U. S. Nat. Herb. 16: 198. 1913.

Based on "F. aequipaleata Pourn."

peak of Orizaba (Liebmann)

Mexico

Festuca tolucensis ssp. eu-tolucensis var. eouadrensis

St.-Yves, Candollea 2: 302. 1925, as syn. of F.

tolucensis ssp. eu-tolucensis var. subulifolia

St.-Yves.

Ecuador

Festuca tolucensis ssp. eu-tolucensis var. subulifolia

(Benth.) St.-Yves, Candollea 2: 302. 1925.

Based on F. subulifolia Benth.

Ecuador

Festuca tolucensis var. hephaestophila Nees ex Hook.

Journ. Bot. Kew Misc. 2: 105. 1850.

"Hartweg 629. In ipse oratore montis ignivomi, Volcan di Agua dioti."

= F. hephaestophila Nees. In Grass. Centr. Amer.

Guatemala

Festuca tolucensis ssp. Thurberi (Vasey) St.-Yves,

Candollea 2: 304. 1925.

Based on F. Thurberi Vasey

= F. thurberi Vasey Man. U. S.

Cole. Wolf, 1154.

Festuca trachylepis Hack. ex Druce, Rep. Bot. Exchange

Club Brit. Isles 4: 30. 1915.

Based on F. dumetorum Phil. Not L.

S. Juan. Chile

Festuca trachyphylla (Hack.) Kraj. Acta Bot. Bohem.

9: 190. pl. 2. f. 5, 6. 1930.

Based on F. ovina ssp. eu-ovina var. duriuscula subv. trachyphylla Hack.

Monogr. Fest. Eur. 91. 1882.

Germany-Switzerland --rare in England

Festuca tracyi Hitchc. in Abrams, Illustr. Fl.

1: 220. f. 514. 1923.

"Type specimen collected at head of Moore's Creek, 3-4 miles east of Angwin's Howell Mountain, Napa County, California, May 15, 1902, by J. F. Tracy (No. 1479)."

Man. U. S.

Festuca transilvanica Schur, Enum. Fl. Transilv.

795. 1866, as syn. of F. vulpioides Schur.

Rumania

Festuca trichodes Schult. Mant. 3(Add. 1): 650. 1827.

Cites: F. pilosa Willd.

"In Mexico."

Festuca trichophylla DuRoi ex Gaudin, Fl. Helv.

1: 288. 1828, as syn. of F. rubra trichophylla

Gaud.

Switzerland

Festuca trichophylla var. uliginosa (Hack.) Richt.

Fl. Eur. 1: 100. 1890.

Based on F. rubra var. trichophylla subv. uliginosa Hack.

Rumania

Festuca triflora Desf. Fl. Atlant. 1: 87. pl. 20. 1798.

"Habitat in arvis."

Western Mediterranean region, Africa

Festuca triflora (L.) J. E. Smith, Engl. Bot. pl. 1918.

1808. Not Desf. 1798.

Based on Bromus triflorus L.

Germany - Denmark, Forskahl

Festuca triflora Desf. f. virens Maire & Weiller in

Maire, Fl. Afr. Nord. 3: 155. 1955.

"Type de l'espace"

North Africa, west Mediterranean region.

f. violacea Maire, Bull. Soc. Hist. Nat. Afrique Nord. 2369. 1937.

Peninsule ibérique"

X *Festuca trigenea* Vetter, Verh. Zool. Bot. Ver. Wien

67: 183. 1917.

Festuca (sulcata X vaginata) X rubra

"Standort: Im hohen Grase auf Sandboden nächst einem Gutbesitze an der Strasse von Schönfeld nach Marchegg."

Austria

Festuca triloba D. Dietr. Syn. Fl. 1: 377. 1839.

error in Dietr. for triflora Desf.

= F. triflora Desf.

Festuca trinervis Hack. Oesterr. Bot. Zeitschr. 53:

34. 1903.

"Nova Guinea in monte Dryman...leg. W. Armit jun. commun. Baron Mueller."

New Guinea

X *Festuca triplicifolia* Vetter, Verh. Zool. Bot. Ver.

Wien 66: 126. 1916.

F. stricta X rubra

"Standort: An Gebüshrändern auf dem Kalenderberge bei Mödling, sehr selten."

Austria

Festuca tristis Krylov & Ivanitz. Animadv. Syst. Herb.

Univ. Tomsk. 1928 (1): 1. 1928.

"in montibus Altaicis...in jago Kuraiso inter fl. Kavuri et fl. Toboshok in fl. Tschuja...4/VIII/1927 legit B. Schischkin...Tschujensi...27/VII/1927. B. Schischkin...Narynsi prope Katon-Karagai...12/VIII/1926 leg. O. Summevior...16/VII/1927...leg. V. Vereschagov."

Asia

Festuca triticea Lam. ex Kunth, Enum. Fl. 1: 325. 1833,

as syn. of Poa Michauxii Kunth. [probably error for F. triticooides Lam.]

= Distichlis spicata

Man. U. S.

Festuca triticooides Lam. Tabl. Encycl. 1: 191. 1791.

"E. Carolina, D. Fraser."

= Distichlis spicata

Man. U. S.

Festuca triticooides Steud. Syn. Fl. Glum. 1: 315. 1854.

Not Lam. 1791.

"Hrb. Drummond coll. V. nr. 150. N. Hall."

Australia

Festuca tschujensis Reverd. Anim. Syst. Univ. Tomsk.

1936 (no. 3): 1. f. 1936.

"Habitat: Altai orientalis. In deserto tschujensi ad ripam flum. Tarchatta supra confluvium Cregen-Burgazy in declivitatibus Artemisiaceo, stipaceis, lapidosis 6. VII. 1935. Leg. Plotnikov."

Siberia

Compared with *Festuca kryloviana* Reverd.

Festuca tuberculata Benth. Journ. Linn. Soc. Bot.

19: 128. 1881, Error for F. tuberosa (Moris)

Coss & Dur. 1855.

Type species of *Castellia* Tineo 1846.

Festuca tuberosa (Moris) Coss. & Dur. Expl. Sci.

Alger. 2: 189. pl. 41. 1855.*

(Same comb., same basis, made by Richt. Fl. Eur.

1: 110. 1890)

Based on *Catapodium tuberosum* Moris, Atti 2da Riun. Sc. Ital. (1841) 481.

= *Castellia tuberosa* (Moris) Bor.

*Date acc. to Stearn, sheets 16-20 (i.e. pp. 121-24) Vol. 2 betw. Apr. 1855 and Oct. 1855.

Sardegna occidentale [Sardinia, Italy]

Festuca tunicata E. Desv. in C. Gay. Fl. Chil.

6: 434. 1853.

"Quillota (Bertero, no. 995)."

Chile

Festuca turfosa Schur, Enum. Fl. Transilv. 793. 1866,

as syn. of F. rubra d. uliginosa Schur.

Europe

Festuca turkestanica Franch. Ann. Sci. Nat. Bot. VI.

18: 273. 1884.

"Gorge d'Ottikash, dans la vallée du Zerachane...n. 1387. Koragay, vallée de l'Iskander - darja (Kohistan)...n. 1388. Jori; n. 1389."

Turkestan

Festuca uschritziama Wiesb. Oesterr. Bot. Zeitschr.

28: 218. 1878.

"Niederösterreich."

Festuca uechtritziana var. *aristata* Podpéra, Publ. Fac. Sci. Univ. Masaryk (Brno) 12: 11. 1922.

Czechoslovakia

Festuca uechtritziana var. *aristata* f. *asperior* Podpéra, Publ. Fac. Sci. Univ. Masaryk (Brno) 12: 11. 1922.

"Brno.... ad Villam rusticam Dobní Cenkovice prope Těšany!!"

Czechoslovakia

Festuca uechtritziana var. *aristata* f. *sublaevis* Podpéra, Publ. Fac. Sci. Univ. Masaryk 12: 11. 1922.

Mikulov (Mikolsburg)

Czechoslovakia

Festuca uliginosa Schur, Enum. Fl. Transsilv. 798. 1866, as syn. of *F. gigantea* var. *uliginosa* Schur.

Rumania

Festuca uliginosa Fritsch, exkursionsflora 65. 1897.

Festuca ulochaeta Steud. Syn. Fl. Glum. 1: 305. 1854.

Type loc. "Brasil."

Festuca umbrosa Eitab. Linnaea 32: 314. 1863, non. nud.

Hungary

Festuca undata Stapf in Hook.f. Fl. Brit. Ind. 7: 350. 1896.

"Bromus, No. 16, Herb. Ind. Or. H. f. & T." [Hook.f. & Thom.]
"Sikkim Himalaya... J.D.H."

India

Festuca undata var. *aristata* Stapf in Hook.f. Fl. Brit. Ind. 7: 351. 1896.

"Bromus?, No. 15, Herb. Ind. Or. H. f. & T. Sikkim." [Hook.f. & Thom.]

India

Festuca unifaria Dum. Obs. Gram. Belg. 104. 1823.

"Belgium"

Festuca uniglumis Ait. Hort. Kew. 1: 108. 1789.

"Lolium bromoides Huds. angl. 55." cited.

"Soland. in Ait. Kew." in Ind. Kew. but no evidence for this in Aiton.

= *Vulpia membranacea* (L.) Dum. fide C. E. Hubb. "Grasses" 428. 1954.

Festuca uniglumis var. *diandra* Maire, Bull. Soc. Hist. Nat. Afr. Nord (Alger) 31: 114. 1941.

"typo non differt nisi staminibus 2 (neo 3)."

"Algérie: Staouéli, clairières sablonneuses du Pinetum halepensis du littoral (Ch. Killiam)."

Algeria

Festuca uniglumis var. *longiseta* (Brot.) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 553. 1901.

Based on *F. longiseta* Brot.

Portugal

Festuca unilateralis Schrad. Cat. Harti. Götting. 1814. (see next card)

Cited by Aschers. & Graeb. Syn. Mitteleur. Fl. 2: 540. 1900, as syn. of *F. maritima* L., this = *Nardurus maritimus* (L.) Murb.

Spain

Festuca unilateralis Schrad. Cat. Hort. Götting. 1814.

not paged. ; Kunth. Enum. Fl. 1: 395. 1833,

"Triticum unilaterale Lim. Mant." cited; [Schlecht]

"Reliquias Schraderianae" Linnaea 72: 456. 1836.

"Italia, Gallia austr. "

Festuca unilateralis (L.) Pauché in Bory St. Vincent & Chaub. Exped. Sci. Morée 3: 37. 1832.

"3 F. minor" *Triticum unilaterale* L. Mant. 35" cited. Not Schrad. 1814.

[Greece] "La plaine de Modon"

Festuca unilateralis var. *aristata* Coss. & Dur. Expl. Sci. Alger. 2: 180. 1855.*

Based on "*Festuca maritima* L. in Loefl. Span. Laend. 62, n. 44 et Sp. 110 non DC."

[Spain]

*Acc. to Stearn, sheets 16-20 [err. by Stearn for 30] (i.e. pp. 121-241 [err. by Stearn for 240]) forming Vol. 2 betw. Apr. 1855 and Oct. 1855.

Festuca unilateralis var. *maritima* (L.) Richt. Fl. Eur. 1: 110. 1890.

Based on *F. maritima* L. [this, basis of *Nardurus maritimus* (L.) Murb.]

Spain

Festuca unilateralis var. *montana* (Boiss. & Reut.) Coss. & Dur. Expl. Sci. Alger. 2: 181. 1855.

Based on "*Nardurus montanus* Boiss. & Reut! "

Algeria

*Acc. to Stearn, sheets 16-20 [err. by Stearn for 30] (i.e. pp. 121-241 [err. by Stearn for 240]) Vol. 2 betw. Apr. 1855 and Oct. 1855.

Festuca unilateralis var. *mutica* Coss. & Dur. Expl. Sci. Alger. 2: 181. 1855.*

"(Trit. unilaterale L. ... *Festuca unilateralis* Schrad. ... *Brachypodium unilaterale* Roem. & Schult. ... *Nardurus unilaterale* Boiss. ... Rohb." cited.

France; Africa

*Acc. to Stearn, sheets 16-20 [err. by Stearn for 30] (i.e. pp. 121-241 [err. by Stearn for 240]) Vol. 2. betw. Apr. 1855 and Oct. 1855.

Festuca unilateralis var. *subpaniculata* Mutel, Fl. Frang. 4: 124. 1837.

"For et Antibes (Requien); Morée (Chaubard)."

[France]

Festuca uninodis Hack. in Stuck. Anal. Mus. Nac. Buenos Aires 13: 524. 1906.

Stuckert: Herb. arg. no. 15,372 ex Lillo. Herb. tuo. no. 3025. b.

Cerro Muñoz, Dep. Tafí, Prov. Tucumán, Argentine.

Festuca unioides Willd. Hort. Berol. 1: 3. pl. 3. 1803.

"Habitat in Carolina"

plate is *Bromus unioides*

= *B. catharticus* Man. U. S.

Festuca unioides (Ait.) Kunth, Rev. Gram. 1: 129. 1829. Not Willd. 1803.

Based on "*Triticum unioides* Ait."

Italy

Festuca uril Bishop, Lond. Gard. Mag. 13: 333. 1837.

"Botanic Garden, Edinburgh" Scotland

Festuca urvilleana Steud. Syn. Fl. Glum. 1: 312. 1854.

"(see specimen ex Herb. Urville sub *F. flabellata* Lam.) Ins. Maclov. Malvin."

Falkland Is.

= *Poa flabellata* (Lam.) Rasp. 1829. Hook.f. same 1879.

Festuca vaginata Waldst. & Kit. ex Willd. Enum. Fl. 116. 1809.

"Hungaria"

Basis of *Festuca ovina* ssp. *eu-ovina* var. *vaginata* (Waldst. & Kit.) Hack. ex Nakai, Bull. Sci. Nat. Mus. 31: 138. 1952.

Festuca vaginata Gaudin, Fl. Helv. 1: 277. 1828. Not Waldst. & Kit. ex Willd. 1809.

Switzerland

In Hack. Mon. Fest. Eur. 95. 1882, referred to *F. ovina* ssp. *euovina* var. *glaucosa* subv. *pallens* (Host) Hack. in Aschers. & Graeb. (p. 472): *F. vaginata* is syn. of *F. ovina euovina* var. *glaucosa*, 2. *pallens*. *F. pallens* Host. 1802.

Festuca vaginata Roehel, Fl. Banat. Bar. Ind. [1828 fide Fritzel] not Waldst. & Kitaib. 1809. [not in Washington]

Basis of *F. roehelii* Steud.

"Barnatus. 1840."

= *F. ovina* ssp. *euovina* var. *vaginata* (Waldst. & Kitaib.) in Willd. Enum. 116. 1809.

Festuca vaginata var. *dominii* (Krajina) Soč, Acta Bot. 2: 190. 1955.

Based on *F. Dominii* Krajina.

Europe

Festuca vaginata var. *dominii* f. *mamaia* (Prodan) Soč, Acta Bot. 2: 190. 1955.

Based on *F. pallens* ssp. *mamaia* Prodan.

Europe

Festuca vaginata var. *dominii* f. *muromata* (Hack.) Soč, Acta Bot. 2: 190. 1955.

Based on *F. ovina* f. *muromata* Hack. [not in Hack. probably taken from label ined.]

Europe

Festuca valesiaca Schleich, ex Gaudin, Agrost. Helv. 1: 242. 1811.

"Hab. in locis arenosis Valesiae. Circa Branson copiose.--"

Cites: "*F. valesiaca* Schleich, Cat. Nov. p. 13. Thom. Cat. Fl. Helv." exa. p. 14.

Valesiaca--fnote in Aschers. & Graeb. Fl. Syn. Mitteleur. Fl. 2: 354. 1900 on spelling:

Footnote 6) First observed in Wallis (Latin Valesia), compare page 273, footnote 3. According to a note to us, through H. Christ, from Prof. Andr. Heusler (Basel) this name was written, in harmony with the generally accepted etymology of Vallis (territory of Vallense) always, for at least 100 years, spelled with a double l, as in the French Vallais. The loss of an l in both languages is of recent origin. Likewise the name occurs in older Latin texts only in the form Valesianus; the form -iacus is also modern.

Festuca valesiaca Reichenb. Icon. Fl. Germ. Helv.
1: 27. pl. 1547. 1834. Not Schleich. 1811.

"Palatinatu, Saxonia, Franconia, a Mert. et Koch et eadem e Bavaria, Guesfalia, Belgia..."

Europe

Festuca valesiaca var. *angustiflora* (Hack.) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 477. 1900.

Based on *F. ovina* ssp. *sulcata* var. *pseudovina* subv. *angustiflora* Hack.

East Russia, --S. E. Europe

Festuca valesiaca var. *banatica* Degen, Fl. Veleb.
1: 543. 1936.

N.: Nord-Velebit (vom Sveti Juraj bis Ura-Pass.... Bei Stinica und auf dem Hügel Klebenica bei Jablanac (R) Rossi, Coll.

S.: Süd-Velebit (Südl. vom Ura-Pass) zwischen Podprag und Mali Halam (D) = Degen, Coll.

"Degen in Gram. hungar. exsicc. no. 385 (1915)." cited.

Croatia = Jugo Slavia

Festuca valesiaca var. *colorata* (Schur) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 479. 1900.

Based on *F. colorata* Schur

Austria

Festuca valesiaca var. *dalmatica* (Hack.) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 476. 1900.

Based on "*Festuca sulcata* var. (? v. subvar.--)? (10) *dalmatica* Hack. ...1882."

Dalmatia: lg. Fichler; Serbia: lg. Pannio; Hungaria: lg. Kerner.

Festuca valesiaca A. I. eu-*valesiaca* (Schleich.) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 475. 1900.

Based on *F. valesiaca* Schleich. in Gaud. 1811.

Switzerland

Festuca valesiaca var. *eu-valesiaca* (Aschers. & Graebn.) Kraj. Acta Bot. Bohem. 9: 208. 1930.

subv. *genuina* Kraj. l.o. Helvetia: (Wallis)

Based on *F. valesiaca* var. *eu-valesiaca* Aschers. & Graebn. p.p.

Europe

Festuca valesiaca var. *eu-valesiaca* subv. *angustiflora* (Hack.) Kraj. Acta Bot. Bohem. 9: 208. 1930.

Based on *F. ovina* ssp. *sulcata* var. *pseudovina* subv. *angustiflora* Hack.

Europe

Festuca valesiaca var. *glaberrima* (Schur) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 479. 1900.

Based on "*F. glaberrima* Schur."

Austria

Festuca valesiaca var. *glauantha* (Hack.) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 479. 1900.

Based on *F. ovina* ssp. *sulcata* var. *genuina* subv. *glauantha* Hack.

St. Pölten, Austria.

Festuca valesiaca f. *halmensis* Degen, Fl. Veleb.
1: 543. 1936.

S.: Sud Velebit (Südl. vom Ura Pass) "Zwischen Podprag und Mali Halam" (D) = Degen, Collector

Croatia. Jugo Slavia

Festuca valesiaca var. *hispida* (Hack.) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 479. 1900.

Based on *F. ovina* ssp. *sulcata* var. *genuina* subv. *hispida* Hack.

"Hungaria centrali, Serbia et Bosnia."

Festuca valesiaca var. *lasiantha* Schur, Enum. Fl. Transsilv. 788. 1866.

"In Bergwäldern, Kalk. Kapellenberg, Schur bei Kronstadt. 3000'-4000' Juli 1854."

Rumania

Festuca valesiaca var. *obturbans* (Beck.) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 477. 1900.

Based on *F. pseudovina* var. *obturbans* Beck.

in Saugraben des Wiener Schneeberg. [Austria]

Festuca valesiaca var. *pancioliana* (Hack.) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 479. 1900.

Based on *F. sulcata* var. *pancioliana* Hack.

"Serbiae (M. Stol, Sucha planina, Kozji Rid, Kapoanik, etc. l. Pancio)."

Festuca valesiaca var. *parviflora* (Hack.) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 477. 1900.

Based on *F. duriuscula* var. *parviflora* Hack.

"Herbar Kitaibel, in Banat." [Rumania]

Festuca valesiaca var. *pauciflora* (Kummer & Sendtn.) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 477. 1900.

Based on *F. ovina* ^{subv.} *pauciflora* Kummer & Sendtn.

Ascensu a Poljane versus Borevizza. Bosnia

Festuca valesiaca var. *podperae* Kraj. Acta Bot. Bohem. 9: 210. pl. 6. f. 5. 210. 1930.

Cites: "*F. valesiaca* eu-*valesiaca* in Fl. exsicc. republ. Boh. Slov. (Brno) n. 184 et *F. pseudovina* in Fl. exsicc. republ. Boh. Slov. (Brno) n. 87."

Bohemia; Slovakia

Festuca valesiaca ssp. *pseudodalmatica* (Kraj.) Soó, Acta Bot. Acad. Sci. Hungaricae 1: 230. 1954.

Based on "*F. dalmatica* Hack. as ssp. ----formenkreis von *F. dalmatica* Hack., als ssp. (Soó)

Hungary

Festuca valesiaca var. *pseudovalesiaca* (Blocki) Zapal. Conspect. Fl. Galic. Crit. Rozpr. Wydz. Mat.-Przyr. Akad. Umiej. Krakow III. 4, B. 176. 1904. Aug. 111

"Blocki (pro spec.)." cited.

"Bilozie (Blocki)."

Galicia, Poland

Festuca valesiaca var. *pseud-ovina* (Hack.) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 476. 1900.

Based on *F. sulcata* var. *pseud-ovina* Hack.

"*F. ovina* Host, Gram. austr. II t. 86. non L."

Austria

Festuca valesiaca ssp. *pseudovina* var. *angustiflora* (Hack.) Hayek, Repert. Sp. Nov. Fedde Beih. 303: 280. 1932.

Based on *F. ovina* ssp. *sulcata* var. *p[seudovina]* subv. *angustiflora* Hack.

[no loc. cited in Hack.]

Europe

Festuca valesiaca ssp. *pseudovina* var. *Sendtneri* (Richt.) Hayek, Repert. Sp. Nov. Fedde Beih. 303: 280. 1932.

Based on "*Festuca pseudovina* var. *Sendtneri* Richt. Fl. Eur. 95; *F. ovina* var. *pauciflora* Kumm. & Sendtn. Fl. 32: 758 non Harta."

F. ovina var. *pauciflora* Kumm. & Sendtn. [Poljane...Borevizza Russia?]

Festuca valesiaca ssp. *pseudovina* var. *tenuis* (Hack.) Hayek, Repert. Sp. Nov. Fedde Beih. 303: 280. 1932.

Based on "*F. duriuscula* var. *tenuis* Hack. Act. Mus. Hung. II. 286."

Herb. Kitaibel Hungary

Festuca valesiaca subv. *rigidifolia* Aschers. & Graebn. Syn. Mitteleur. Fl. 2: Lief. 26. 45. 1903. Also op. cit. 2: 480. 1900.

op. cit. 2: 480. 1900 "Unterabart b. *rigidifolia*" "Hackel bei Beck Ann. Hofmus. Wien II. 45 [67] [1887]."

Sarajevo Jugo Slavia

Festuca valesiaca var. *rupicola* (Heuff.) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 479. 1900.

Based on *F. rupicola* Heuff.

Montis Domugled ad Therasas Herculis [Banat. Rumania]

Festuca valesiaca var. *salina* (Hack.) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 477. 1900.

Based on *F. ovina* var. *sulcata* subv. *salina* Hack. Hungariae centralis ad fl. Zagya pr. Szelnok (lg. Kerner)."

Festuca valesiaca var. *striata* (Host) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 480. 1900.

Based on *F. striata* Host.

Austria

Festuca valesiaca var. *strictifolia* Kraj. Act. Bot. Bohem. 9: 210. pl. 6. f. 4. 1930. described.

F. strictifolia Opiz...now. nud. cited.

Bohemia [Cech. Exsicc. Cent. II.]

Festuca valesiaca ssp. *sulcata* (Richt.) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 478. 1900.

Based on *F. ovina* ssp. *sulcata* var. *genuina* Hack. (p. 104)

Europe

Festuca valesiaca ssp. *sulcata* var. *saxatilis* (Schur) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 479. 1900.

Based on *F. saxatilis* Schur

Rumania

Festuca valesiaca ssp. *sulcata* var. *sulcataeformis* (Mgf.-Dbg.) Stohr, Wissenschaftl. Zeitschr. Martin-Luther Univ. Halle-Wittenberg 9: 398. 1960.

Bisher nur aus Süd- Südwest und Mitteldeutschland bekannt.

Festuca vallesiacae var. *Taurica* (Kern. ex Haek.)

Aschers. & Graebn. Syn. Mitteleur. Fl. 2: Lief. 26. 45. 1903.

Based on *F. ovina* ssp. *sulcata* var. *taurica* Kerner ex Haek. Mon. Fest. Eur. 104. 1882.

"Exs. Behmann it. cherson N. 229. Tauria, U.S.S.R. Eur. Tauria

Festuca vallesiacae var. *tenuis* (Haek.) Aschers. &

Graebn. Syn. Mitteleur. Fl. 2: 477. 1900.

Same comb. made by Kraj. Acta Bot. Bohem. 9: 210, pl. 6. f. 6. 1930.

Based on *F. duriuscula* var. *tenuis* Haek. 1878. [this the basis of *F. ovina* ssp. *sulcata* var. *tenuissima* Haek. 1882.]

Herbar. Kitaibel. Hungary

Festuca valesiacae var. *tibetica* Stapf in Hook. f. Fl.

Brit. Ind. 7: 349. 1896.

"*F. ovina* var. *alpina* Griseb. ... Tibet N. of Sikkim." cited.

Festuca valesiacae f. *velebitica* Degen & Lengy in

Degen, Fl. Veleb. 1: 543. 1936.

"S.: Sud-Velebit (Sudl. von Ura-Pass.) Bei Starigrad (L.) = Lengyel, Collector

Croatia = Jugo Slavia

Festuca valida (Uechtr.) Pénzes, Borbásia 3: 1, 7.

pl. 1. f. 3, 3a; pl. 2. f. 3, 3a. 1941.

Author cites: "*F. varia* var. *valida* Uechtr." See *F. varia* ssp. *eu-varia* var. *valida* Uechtr. ex St.-Yves, 1928. St.-Yves cites "Uechtr. nom. in herb. St.-Y." after var. *valida*.

Festuca vallicola Rydb. Mem. N. Y. Bot. Gard.

1: 57. 1900.

"Montana: ... Silver Bow, Rydberg, 2108 (type)."

= *F. rubra* L. Man. U. S.

Festuca vandensis Rouy, Fl. France 14: 205. 1913.

Cites: *F. rubra* genuina subvar. *juncosa* Haek.

Lemanus, pr. St. Poelten Austria

Festuca varia Haenke in Jacq. Coll. Bot. 2: 94. 1788.

"Judenburg and Secau Styriae: in monte Schoekl. prope Graecium & in plerisque Tyrolensibus Leontinis Austria

Festuca varia Host ex [Schur Herb.] Kraj. Veröff.

Geobot. Inst. Bübel 10: 41. 1933, as syn. of *F. versicolor* var. *eu-versicolor* Krajina.

Europe

Festuca varia var. *acuminata* (Gaudin) Richt. Fl.

Eur. 1: 104. 1890.

Based on *F. acuminata* Gaudin

Switzerland

Festuca varia ssp. *alpestris* (Roem. & Schult.) Haek.

Bot. Centralbl. 8: 407. 1881; Haek. Mon. Fest. Eur. 171. 1882.

Based on *F. alpestris* Roem. & Schult. 1881.

Tyrol

Festuca varia ssp. *auriculata* Klast. Acta Bot. Bohem.

3: 51. 1924.

"In declivibus meridionalibus olearia Alpium Transilvaniae Romaniae montis Fiebra Jargovanului dictae, haud procul a Stina Sorbele, 1400 m.s.m. crescentes, aestate anno 1922, ab auctore detecta."

Rumania

Festuca varia var. *bosniaca* (Kummer & Sendtn.) Asche.

Oesterr. Bot. Zeitschr. 19: 66. 1869.

Based on *F. bosniaca* Kummer und Sendtn.

Bosnia Jugoslavia

Festuca varia var. *brachystachys* f. *turkulensis* Zapal.

Consp. Fl. Gal. Critic 3: 231. (1911)

Poland

Festuca varia var. *cenisia* Haek. ex Huanot, Gram. Fr.

Belge 63. 1899.

"Pyrénées---pio du Gidi, port de Venasque etc."

France

Festuca varia var. *crassifolia* Koch, Syn. Fl. Germ.

Helv. 814. 1837.

F. eskia Ramond....Carniolia legit Müller." cited.

Austria

Festuca varia var. *croatica* Haek. Termész. Füzetek 2:

295. 1878.

"Von Kitaibel, auf der Alpe Flissivica und Debelo Brdo gesammelt."

Servia, Eur.

Festuca varia ssp. *cyllenica* (Boiss. & Heldr.)

Achtaroff, Mitt. Naturw. Inst. Sofia 11: 72. f. b. 1938.

Based on *F. cyllenica* Boiss. & Heldr.

exs. 1849.

Montis Kyllenes Peloponnesi (Heldreich) Balkan Peninsula

Festuca varia var. *cyllenica* subv. *calva* (Haek.) St.-

Ives, Rev. Bret. no. 2: 102. 1927.

Based on *F. varia* var. *calva* Haek.

Carniola Europe

Festuca varia var. *eskia* (Ramond) Gren. & Godr. Fl.

France 3: 576. 1855.

Based on "*F. eskia* Ramond"

F. varia ssp. *eskia* (Ramond) Haek. 1882.

France (Ramond)

Festuca varia var. *eu-pumila* Haek. & Briq. Ann. Cons.

Jard. Genève. 10: 70. 1907.

F. varia ssp. *pumila* var. *genuina* Haek. cited.

Pyrenaeis centralibus...and Transylvania

Europe

Festuca varia ssp. *eu-varia* (Haenke) Haek. Mon. Fest.

Eur. 172. 1882.

Based on *F. varia* Haenke.

Festuca varia ssp. *eu-varia* var. *aemula* (Haek.) St.-

Yves, Rev. Bret. no. 2: 103. 1927.

Based on *F. varia* ssp. *flavescens* var. *aemula* Haek.

Switzerland

Festuca varia ssp. *eu-varia* var. *brachystachys* Haek.

Monogr. Fest. Eur. 174. 1882.

subv. *typica* Haek. l.c.

"In montibus Schneeberg, Baxalp, Gölter, Oetscher, Dürrenstein."

Austria

Festuca varia ssp. *eu-varia* var. *brachystachys* subv.

pallidula Haek. Monogr. Fest. Eur. 174. 1882.

"in rupestribus subalpinis prope Reichenau (Halaasy)"

Europe

Festuca varia ssp. *eu-varia* var. *calva* Haek. Monogr.

Fest. Eur. 174. 1882.

"In pascuis alpium carnioliae (M. Bergunsiza legit ipse). Etiam in Tauro cilicio leg. Kotschy."

Austria

Festuca varia ssp. *eu-varia* var. *omoclasica* St.-Yves,

Bull. Soc. Bot. France 71: 129. 1924.

"Habit.--Caucase: Tapagah, leg. Meyer, Herb. Ac. Petrop. Fl. Cauc., no. 109, sub "*F. varia*" (herb. Coss.)"

Russia Europe

Festuca varia ssp. *eu-varia* var. *cenisia* Haek. Monogr.

Fest. Eur. 176. 1882.

"Prope Ranche ad montem Cenisium leg. Biondi."

Alps, France--Italy

Festuca varia ssp. *eu-varia* var. *croatica* subv. Kitai-

belii St.-Yves, Bull. Soc. Bot. France 71: 129.

1924.

[Based on *F. varia* var. *croatica* Haek. Act. Mus. Nat. Hung. 2: 295. 1878]

"= var. *croatica* Haek. l.c. s. str."

Jugoslavia

Festuca varia ssp. *eu-varia* var. *croatica* subv. *pseudo-*

xanthina (Rohl.) St.-Yves, Bull. Soc. Bot. France

71: 129. 1924.

Based on "*F. varia* var. *pungens* subv. *pseudo-xanthina* Rohlena"

Montenegro

Festuca varia ssp. *eu-varia* var. *cyllenica* Haek. Bot.

Centralbl. 8: 408. 1881; Monogr. Fest. Eur. 175.

1882.

1st ref. gives basis.

Based on *F. cyllenica* Boiss. & Heldr.

Balkan Peninsula

Boiss. & Heldr. in pl. Graec. exs. 1849.

Festuca varia ssp. *eu-varia* var. *genuina* subv. *calva*

(Haek.) St.-Yves, Bull. Soc. Bot. France 71: 128.

1924.

Based on *F. varia* ssp. *eu-varia* var. *calva* Haek. Mon. 174."

Jugoslavia

Festuca varia ssp. *eu-varia* var. *genuina* subv. *graeoa*

Haek. Monogr. Fest. Eur. 174. 1882.

"Graeciae subv. in m. Tymphresto l. Heldr.)"

Greece

Festuca varia ssp. *eu-varia* var. *graeoa* St.-Yves,

Candollea 3: 430, 434, f. 53. 1928.

Based on *F. varia* var. *genuina* subv. *graeoa* Haek.

Balkan Peninsula

Festuca varia ssp. *eu-varia* var. *pungens* (Kit.) Haek.

Bot. Centralbl. 8: 408. 1881; Monogr. Fest. Eur.

175. 1882.

Based on "*F. pungens* Kit.!"

Austria

Festuca varia ssp. *eu-varia* var. ? *scabriculumis* Haek.
Monogr. Fest. Eur. 176. 1882.

"In Alpihus maritimis: pr. Tenda, Val. Ellero, m. Clapier, Entraque, Rocca Argentara, Val Vallasoo, Val Logon Valdieri, leg. Burnat."

France

Festuca varia ssp. *eu-varia* var. *scabriculumis* subv.
oenisia (Haek.) St.-Yves, Rev. Bot. 2: 102. 1927.

Based on *F. varia* var. *oenisia* Haek.

"prope Ronche ad montem *oenisia*, leg. Biondi."

France - Italy

Festuca varia ssp. *eu-varia* var. *scabriculumis* subv.
vulgaris St.-Yves, Ann. Cons. Jard. Geneve 17: 179.
1913.

Many specimens cited under region alpine, but no special specimen designated.

Alpes maritimes--France; Italy

Festuca varia ssp. *eu-varia* var. *scabriculumis* subv.
vulgaris f. *laevis* Haek. in St.-Yves, Ann. Cons.
Jard. Genève 17: 181. 1913. "Haek. in Litt."

Many specimens cited. "Region alpine"

Europe

Festuca varia ssp. *eu-varia* var. *scabriculumis* subv.
spreti St.-Yves, Ann. Cons. Jard. Genève 17: 183.
pl. 2. f. 36. 1913.

"Nous n'avons pas vu la plante de Mutel, mais nous avons pu étudier au Valentin, dans l'herbier de l'Institut Botanique de Turin, un échantillon récolté dans le vallon du Rio Negro, entre le col du Pizzo d'Ormea et le Rio Re Brano, sudessus de Viozene, par MM. Vallino, Gola et Ferrari le 30 VI 08. ... Nous y avons reconnu notre subv. *spreti*."

Region alpine
France

Festuca varia ssp. *eu-varia* var. *valida* Uechtr. ex
St.-Yves, Candollea 3: 437. 1928. [St.-Yves cites
after variety "Uechtr. nom. in herb. St.-Y." but *F.*
valida ssp. *valida* was published in Velen, in 1891.
[q.v.]
[See *F. varia* ssp. *valida* Uechtr. for basis]

"Bulgaria: Mt. Vitosa, Pichler Fl. Bulg. sub ausp.
Keok leot. 1890 sub *F. varia* var. *valida* Uechtr.,
determ. Velenosky (herb. Deless., herb. Boiss.-B.)
Carniole: Schneeberg (teste Belli, non vidi)."

Festuca varia ssp. *eu-varia* var. *woronowii* (Haek.)
St.-Yves, Rev. Bret. no. 2: 101. 1927.

Based on *F. woronowii* Haek.

"Caucasus."

prov. Batum...N. Wivedensky, Russia

Transcaucasia

Festuca varia ssp. *eu-varia* var. *woronowii* subv.
Hackellii St.-Yves, Candollea 5: 130. 1932.

Based on
"F. *woronowii* Haek."

Prov. Batum...N. Wivedensky

Russia

Festuca varia ssp. *eu-varia* var. *woronowii* subv.
soabra St.-Yves, Candollea 5: 132. 1932.

"Spec. exam.--Daghestan austr.: Mt. Dajardjusi,
près Kurush, leg. A. Becker 1874, ex herb.
Trautvetter (herb. Petrop.)."

So. Russia

Festuca varia ssp. *flavescens* (Bell.) Haek. Centralbl.
8: 408. 1881; based on *F. flavescens* Bell.; Monog.
Fest. Eur. 179. 1882. same basis. Not Gaudin
1828.

Italy

Festuca varia var. *flavescens* Gaudin, Fl. Helv.
1: 300. 1828.

"multo frequentior occurrit, v.g. in valle D. Nico-
lai, in M. Pennino copiose et in vallis Bagnes
montibus editissimis."

Switzerland

Festuca varia var. *flavescens* (Bell.) Koch, Syn. Fl.
Germ. Helv. ed. 1. 814. 1837. Not Gaudin, 1828.

Based on *F. flavescens* Bell. 1792

Italy

Festuca varia var. *flavescens* Parl. Fl. Ital.

1: 443. 1848. Not Gaudin 1828.

Cites: "*Festuca flavescens* Host....non Bellard."

Austria

Festuca varia ssp. *flavescens* var. *acumata* Haek.
Monogr. Fest. Eur. 180. 1882.

".....Burnat [coll.] in Valle Sabione supra Entraque
(juxta Col de Sabione)"

Switzerland

Festuca varia ssp. *flavescens* var. *firmior* Belli &
Haek. Malpighia 14: 303. 1901, without descr.

"S. Bartolomeo di Pesio, Valle Cravina salendo alla
Besimada (Alpi Maritt.), 6, VIII, 91, leg. Belli
et Ferrari."

Italy--Herb. R. Ist. Bot. Torino

Festuca varia var. *flavescens* f. *praelongifolia*
Zapal. Consp. Fl. Gal. Critic. 3: 231. (1911)

Poland

Festuca varia ssp. *flavescens* var. *rigidior* Belli,
Malpighia 14: 303. 1901.

"Bussoleno, nei boschi sopra e sotto la fontana
della Cava del marmo in Valle di Falcemagna (Val di
Susa), 6, VII, 1900, leg. Ferrari."

Italy --- Herb. R. Ist. Bot. Torino

Festuca varia var. *genuina* Haek. Monogr. Fest. Eur.
1882.

Europe

Festuca varia var. *genuina* subv. *acuminata* (Gaudin)
Haek. Monogr. Fest. Eur. 173. 1882.

Based on *F. acuminata* Gaudin, 1811.

Switzerland

Festuca varia var. *genuina* subv. *graciosa* Haek. Monog.
Fest. Eur. 174. 1882.

Many stations from Austria to Italy and Greece
cited: "*Graciosa* (subv. γ in m. Tymphresto l.
Heldr.)" [Accepted as type ad int. since it is the
only specimen cited from Greece. A.C.]

Festuca varia var. *glawontica* Zapal. Consp. Fl. Galio.
Crit., Rozpr. Wydz. Mat.-Przyr. Akad. Umiej. etn.
Krakow III. 4, B. 184. 1904. Aug. 11.

"sub monte Giewont Tatrorum: Strązyska, in calcareis
(Kotula)."

Galicja, Poland

Zapal. Consp. Fl. Galio. Crit. 1: 71, which contains
same subject matter, was not published until 1906.
At Arnold Arboretum

Festuca varia var. *glauca* Brock-Jer. Fl. Puschlav
[Schweiz] 80. 1907.

"am Felsen unter Monti di Platta"

Switzerland

Festuca varia var. *graciosa* (Haek.) Richt. Fl. Eur.
1: 104. 1890.

[See Haek. ipse, Mon. Fest. Eur. 174. 1882]

Based on *F. varia* var. *genuina* subv. *graciosa* Haek.
subv. in M. Tymphresto l. Heldr.

[Balkan Peninsula]

Festuca varia ssp. *haenkeana* Kraj. Publ. Fac. Sci.
Univ. Charles Ćislo 106: 8. 1930.

"Alpes Stiriae et Tiroliae... (sec. Handel-Mazzetti)"
Europe

Festuca varia ssp. *haenkeana* var. *Hackellii* Kraj.
Publ. Fac. Sci. Univ. Charles Ćislo 106: 9. 1930.

"Alpes Stiriae et Tiroliae orientalis"

Festuca varia ssp. *haenkeana* var. *Hackellii* subv.
crassifolia (Koch) Kraj. Publ. Fac. Sci. Univ.
Charles Ćislo 106: 12. 1930.

Based on *F. varia* var. *crassifolia* Koch.

Festuca varia ssp. *haenkeana* var. *Hackellii* subv.
stiriacae Kraj. Publ. Fac. Sci. Univ. Charles Ćislo
106: 10. 1930.

Alpes Stiriae [many specimens cited]

Alpes Stiriae et Tiroliae orientalis

Europe

Festuca varia ssp. *haenkeana* var. *Handel-Mazzettii*
Kraj. Publ. Fac. Sci. Univ. Charles Ćislo 106: 14.
1930.

Austria

Festuca varia ssp. *haenkeana* var. *Handel-Mazzettii*
subv. *dolomitica* Kraj. Publ. Fac. Sci. Univ.
Charles Ćislo 106: 14. 1930.

Alpes Tiroliae australis. Alpes Dolomiticae---in
summo montis Corallazza ad San Martino di Castrozza
---A. de Degen 1900. (Herb. Mus. Palat. Vindob.)"

Festuca varia ssp. *haenkeana* var. *Handel-Mazzettii*,
subv. *firmior* Kraj. Publ. Fac. Sci. Univ. Charles
Ćislo 106: 16. 1930.

"Alpes Tiroliae orientalis: In valle Pusteria---
vallis Villgraten---leg. Gander 1882. (Herb. Mus.
Nat. Praha; Herb. Mus. Palat. Vindob.; Herb. Mus.
Nat. Budap.---"

Europe

Festuca varia ssp. *haenkeana* var. *Hayekii* Kraj. Publ.
Fac. Sci. Univ. Charles Ćislo 106: 16. 1930.

"Alpes Stiriae: In Alpihus Taureris ad 'Preinthal
Hütte' pr. pagum Schladming...leg. A. Hayek, 1910
(Hayek, Fl. stiriacae exsiccata, 23, Lief. No. 1111,
Herb. Inst. bot. univ., Brno; Herb. Mus. Palat. Vin-
dob.; Herb. Mus. Nat. Budap.).---Hoch-Wildstelle, ...
ad Neualmscharte...leg. A. Hayek, 1901 (Herb. Mus.
Palat. Vindob.; Herb. Inst. bot. univ. Wien)."

Austria

Festuca varia var. *major* Neillreich, Fl. Nieder-Oesterr.
76. 1859.

Nieder-Oesterreich

Europe

Festuca varia var. *minor* Neillreich, Fl. Nieder-Oesterr.
76. 1859.

Festuca pumila Vill. [1786] cited.

Nieder-Oesterreich

Austria

Festuca varia var. *pallida* [Schur. Herb.] Kraj. Veröff.
Geobot. Inst. Bübel 10: 41. 1933, as syn. of *F.*
versicolor var. *eu-versicolor* Kraj.
Europe

Festuca varia ssp. *pallidula* (Hack.) Kraj. Publ. Fac.
Sci. Univ. Charles Číslo 106: 19. 1930.

Based on *F. varia* ssp. *eu-varia* var. *brachystachys*
subv. *pallidula* Hack.

prope Reichenau (Halaosy)

Austria

Festuca varia ssp. *pirinensis* Aoharoff, Mitt. Naturw.
Inst. Sofia 11: 71. f. a. 1938.

"In den alpinen Weiden und auf Felstriften (mit
Granit-Unterlage) am Fusse des Gipfels Eltepe, in
cca 2200-2500 m Meereshöhe, 24 August 1936."

Bulgaria

Festuca varia ssp. *pumila* (Vill.) Hack. Bot. Centralbl.
8: 408. 1881.

Based on *F. pumila* Vill.; Monogr. Fest. Eur. 176.
1882, same basis, described.

France

Festuca varia ssp. *pumila* var. *eu-pumila* subv. *rigidior*
(Mut.) St.-Yves, Bull. Soc. Bot. France 71: 130.
1924.

Based on *F. pumila* var. *rigidior* Mutel

Festuca varia ssp. *pumila* var. *eu-pumila* subv. *Villar-*
sii St.-Yves, Bull. Soc. Bot. France 71: 130. 1924.

Festuca varia ssp. *pumila* var. *Jacoardii* St.-Yves,
Bull. Soc. Bot. France 71: 130. 1924.

"Suisse: Haut de Mex près St.-Maurice, leg. H.
Jacoard, 1893 (herb. Laus. et herb. St.-Y.)."....

Switzerland

Festuca varia ssp. *pumila* var. *rigidior* (Mutel) Hack.
Monogr. Fest. Eur. 177. 1882.

Based on "*F. pumila* var. *rigidior* Mutel."

France

Festuca varia ssp. *pumila* var. *Wilozekiana* St.-Yves,
Ann. Cons. Jard. Genève 17: 193. pl. 6. f. 1, 5.
1913.

"Le Prof. Wilozek nous a envoyé deux parts abondan-
tes de ce *Festuca*, récolte par lui à 'Zermatt, en-
droits rocheux des bois de meule et arole. Oneiss
ca. 1900 m., 2 VII 1911' "

Switzerland

Festuca varia ssp. *pungens* var. *albanica* (Hayek) Hayek,
Repert. Sp. Nov. Fedde Beih. 30³: 286. 1932.

Based on *F. pungens* var. *albanica* Hayek.

Gipfel des Maranaj (D. Exs. Nr. 31) [Dörfler
Coll. Albania. Europe]

Festuca varia ssp. *pungens* var. *chlorthantha* (Beck)
Hayek, Repert. Sp. Nov. Fedde Beih. 30³: 286. 1932.

Based on *F. pungens* var. *chlorthantha* Beck, Glasm. XV.
38.

Bosnia (Sendtner 65)

Jugo Slavia

Festuca varia var. *pungens* subv. *pseudo-xanthina*
Bohlens, Repert. Sp. Nov. Fedde 17: 33. 1921.

"Montenegro: in regione alpina et subalpina mon-
tium Kom Vasojevički et Lovćen, ca. 1400-2200 m."

Festuca varia var. *rigidifolia* Schur, Rumm. Fl.

Transsilv. 795. 1866.

"Auf dem Piscu-Lauti in den Fogaraser Alpen. (Emg.
herb. Transs.)"

Rumania

Festuca varia ssp. *rigidior* var. *maoantha* St.-Yves,
Bull. Soc. Bot. France 71: 130. 1924.

= forma *elatio* Beauv. [Schedonorus *elatio* Beauv. ?]

Festuca varia ssp. *sardoa* Hack. in Barbey, Fl. Sard.
Comp. 71. 1884.

"In rupibus cacuminis montis Limardo, prope Tempio
Sardiniae, leg. E. Reverchon, 4 Julii 1882; mihi
misit nomine Fest. pilosae v. flavescentis."

Sardinia

Festuca varia ssp. *scoparia* Kern. & Hack. in Hack. Bot.
Centralbl. 8: 406. 1881.

Without descr., but *F. varia* / *flavescens* Gr. &
Godr., non Gaudin cited; "*F. varia* Bordere exs."
also cited.

Kern. & Hack. in Hack. Monogr. Fest. Eur. 180. 1882.

[See card for *F. varia* ssp. *scoparia* var. *euscoparia*
subv. *Kernerii* St.-Yves]

Festuca varia ssp. *scoparia* var. *eu-scoparia* St.-Yves,
Candollea 1: 40. 1922.

No citation, followed by

"subv. *Kernerii* St.-Y. = var. *genuina* Hack.

Mon. p. 181."

"Maroc.: Djebel Zerka (leg. Candog. sub *F.*
Pseudo-Eskia [Boiss.] herb. Deless.)"

North Africa

Festuca varia ssp. *scoparia* var. *eu-scoparia* subv.
Gautieri St.-Yves, Candollea 1: 41, 63. 1922.

Based on *F. varia* ssp. *scoparia* var. *Gautieri* Hack.

Pyrenees

Festuca varia ssp. *scoparia* var. *eu-scoparia* subv.
Kernerii St.-Yves, Candollea 1: 40, 106. 1922.

"In Pyrenaeis gallicis, Hispania, Imper.
Maroccanum."

Festuca varia ssp. *scoparia* var. *Gautieri* Hack.
Monogr. Fest. Eur. 181. 1882.

Based on "*F. varia* var. *flavescens* Gr. & Godr! ex
parte non Gaud."

"In Pyrenaeis orientalibus: Col de Nourry
C. Godron..."

France

Festuca varia ssp. *scoparia* var. *genuina* Hack. Monogr.
Fest. Eur. 181. 1882.

Cites: *F. flavescens* Lapeyr. abreg. 43. ...non Bell.
ex Gren. & Godr. [Bell. misappl. by.]

F. varia var. *flavescens* Gr. & Godr. III. 576
ex p. non Gaud. Fl. helv.--*F. varia* Bordere,
Timbal, in exsicc.

Pyrenaeis centralibus: Gavarnie, Port de Pallieres
---lgg. Bordiere, Timbal-Lagr.

Festuca varia ssp. *scoparia* subv. *Kernerii* St.-Yves ex
Litard. Arch. Bot. Bull. Mens. 1: 57. 1927,
without descr.

Atlas rifain (?) (Djebel Zerka)

[Northern Africa]

Festuca varia ssp. *scoparia* var. *lutea* Hack. Monogr.
Fest. Eur. 181. 1882.

"In alpinis australibus Transsylvanicae: in rupe-
tribus calcareis montis Oesem Teteje prope Sz.
Domokos lg. Schur."

Rumania

Festuca varia ssp. *valida* Uechtr. in Velen. Fl. Bulg.
620. 1891.

"In saxosis excoelsis alpinis m. Vitoša (Pč. Vel.), m.
Kom supra Berkovica (Vel. Vs), m. Cedar (Pč. m.
Bilo (Pč. Vel.)."

Po. = Pančič
Vel. = Velenovsky
Vs. = Vandas

Bulgaria

Festuca varia ssp. *xanthina* Hack. Bot. Centralbl.
8: 408. 1881; Monogr. Fest. Eur. 178. 1882.

Gives basis in 1881 publ.

Based on "*F. xanthina* R. & Sch. ... (excl. syn. Gaud.)
Switzerland Austria

Festuca varia ssp. *xanthina* var. *Adamovicii* St.-Yves,
Bull. Soc. Bot. France 71: 131. 1924.

"--Serbie: Stara Planina et Alexandrowa, Adam. Fl.
balc. sub.: "*F. varia*" et sub.: "*F. violacea*"
(herb. Deless.)."

Servia, Jugoslavia.

Festuca vaseyana Hack. ex Beal, Grasses N. Amer.
2: 601. 1896.

Colorado (Vata pass) Vasey in 1884.

= *F. arizonica* Vasey Man. U. S.

Festuca ventanicola Speg. Contr. Estud. Fl. Sierra
Ventana 72. 1896.

"Crece en las ombres mas altas y entre los
penascos mas pelados y secos" Prov. Buenos Aires.
Sierra Ventana.

Argentina

Festuca venusta St.-Yves in Roshev. Bull. Jard. Bot.
Prin. U.R.S.S. 28: 383. 1929.

"Mongolia. Changai, locus humidus ad fontem
Chalyngyn-bulyk prope Bain-gegen 4, VIII. 1926.
N. Pavlov! Sibiria australis, Transbaikalia:
distr. Akshinsk, bass fl. Onon, ad fontes fl. Kulan.
in pratis 5. VIII. 1913. W. Smirnov! determ.
B. Roshevitz."

Festuca verguini Semmen, Bull. Soc. Bot. France
73: 677. 1927, nom. nud.

"fa [forma] ad *F. supinam*, vergans St.-Y., in Sched."

"Hab. --Le Cambredase, pâturages alpins, vers 2,200
m." (No. 4078 Semmen)

Spain

Festuca versicolor Tausch, Flora 4: 559. 1821.

Festuca versicolor (Tausch emend.) Kraj. Publ. Fac.
Sci. Univ. Charles Číslo 106: 25. 1930.

Czechoslovakia

Festuca versicolor Presl ex Kunth, Rumm. Fl. 1: 402.
1833, as syn. of *F. nigrescens* Lam. Not Tausch,
1821.

France

Festuca versicolor ssp. *Domini* Kraj. Publ. Fac. Sci.
Univ. Charles Číslo 106: 42. 1930.

"Habitat: Alpes Rodnenses, in rupestribus montis
Cisia (leg. Degen, 1902, herb. E. Hackel, Mus.
Palat. Vindob.)."

Rumania

Festuca versicolor var. *euvversicolor* (Kraj.) Kraj.
Veröffentl. Geobot. Inst. Bübel 10: 39. 1933.

Based on *F. versicolor* ssp. *euvversicolor* var.
genuina Kraj. ...excl. forma *Kotschyi*.

Czechoslovakia

Festuca versicolor ssp. *eversicolor* var. *brachystachys* (Hack.) Kraj. Publ. Fac. Sci. Univ. Charles
Číslo 106: 40. 1930.

Based on *F. varia* ssp. *eu-varia* var. *brachystachys* Hack. ...excol. subvar. *pallidula* Hack.

"in montibus Schneeberg

Austria

Festuca versicolor ssp. *eversicolor* var. *genuina*
subv. *rodensis* Kraj. Publ. Fac. Sci. Univ.
Charles Číslo 106: 37. 1930.

Alpes Bodenses---leg. Kämmerle 1904 (herb. mus. Nat. Budap.); Borsa-Căraianul, leg. Jávorka 1907 (herbar. Mus. Nat. Budap.)

Rumania?

Festuca versicolor ssp. *eu-versicolor* var. *genuina*
subv. *Tauschii* Kraj. Publ. Fac. Sci. Univ. Charles
Číslo 106: 35. 1930.

Montes Asciurgii (Krkonoše) in Sudetis ---Čertova Zahrádka (leg. Tausch in utraque forma, herb. Mus. Nat. Prahal; herb. Mus. Palat. Vindob. [= Vienna])

Czechoslovakia

Festuca versicolor ssp. *eversicolor* var. *genuina* subv.
transilvanica Kraj. Publ. Fac. Sci. Univ. Charles
Číslo 106: 38. 1930.

"Alpes transilvaniae: Comit. Fogaras, in alpe Királykő (Königstein) supra Zernest (leg. Sinkovics, 1883; leg. Jávorka, 1914."

Rumania

Festuca versicolor ssp. *eu-versicolor* var. *genuina*
subv. *vulgaris* Kraj. Publ. Fac. Sci. Univ. Charles
Číslo 106: 31. 1930.

Západní Karpaty: Bielské Tatry---Pařezová Skalní, Vrata, Bujáč, etc.

Czechoslovakia

Festuca versicolor var. *minor* (Schur) Kraj. Veröffentl.
Geobot. Inst. Rübél 10: 40. 1933.

Based on *F. minor* Schur.

"auf der Piatra-mare bei Kronstadt."

Rumania

Festuca versicolor ssp. *pseudosulcata* Kraj. Publ. Fac. Sci. Univ. Charles Číslo 106: 43. 1930.

"Habitat: Alpes Transilvanicae: in saxosis montis 'Királykő' supra Zernest...leg. Degen, 1902. Gramina hungarica, Nr. 133. *Festuca varia*, herbar. E. Hackel, Mus. Palat. Vindob.; herbar. Institutu botan. univ. Vindob.)." [Vienna]

Rumania

Festuca versuta Beal, Grasses N. Amer. 2: 589. 1896.

Based on "*Festuca texana* Vasey, Not Steud. 1854.

Texas

Man. U. S.

Festuca vestita (De Not.) Walp. Ann. Bot. 3: 775.
1852-53.

Same comb. Steud. Syn. Fl. Glum. 303. 1854. Same basis.

Based on *Sclerachloa vestita* De Not.

Herb. Vivianii ex Aegypto a Figereo missa Africa

Festuca Vierhapperi Hand.-Mazz. Anzeig. Akad. Wiss. Math. Naturw. Wien 57: 176. 1920.

"Prov. Yüman bor.-ooo.: In pratis montis Piepun prope opp. Dschungdien...leg. 12. VIII. 1914 [Handel-Mazzetti, Coll.]

China

Festuca villiflora Steud. Syn. Fl. Glum. 1: 313. 1854.

"Labrador." [Unidentified Species "Probably *F. rubra kilabeliana* ex Char."--Piper N. Am. Sp. *Festuca* p. 41. 1906.

Festuca villosa Schweigger. in Hag. Chlor. Boruss. 35. 1819.

"In peninsulae ouronensi." [Prussia]

Festuca villosa (Thunb.) Spreng. Syst. Veg. 1: 355. 1825. Not Schweigger 1819.

Based on "*Dactylis villosa* Thunb."

Cape Good Hope - Africa - Thunberg.

X *Festuca Vindobonensis* Vetter, Verh. Zool. Bot. Ver. Wien 66: 129. 1916.

Parents:

F. rubra X *sulcata*

Niederösterreich

Festuca violacea Gaudin in Rechl. Fl. Deutschl. 1: 646.

1796. See Gaudin 1808,

Says "Beschreib. Gaudin."

"Synon. *Festuca violacea* Gaud. Agrost. --Schedemorus *violaceus* Röm. et Schult. Syst. Veg."

Adds discussion: Obgleich sich dieser Pflanze durch einen eigenen Habitus auszeichnet, einmal gekannt leicht wieder erkannt wird, und mehr das Ansehen des *F. nigrescens* als das der vorigen Arten hat, so fällt es doch schwer sichere unterscheidungsmerkmale anzugeben. " Etc.

459.3 Agr. Call No.
B 632

Festuca violacea Gaudin (Gaudin ex Schleich. Cat. Fl. Helv. 13. 1807, name only) Alpina 3: 57. 1808.

"*Festuca violacea* Seringe gram. exs." cited.

"hausig auf den Alpen"....Switzerland

Festuca violacea Clairv. Man. Herbor. 24: 1811.
Not Gaudin 1808.

"Les alpes"

Europe

Festuca violacea var. *alata* Hack. ex Kom. Fl. U.R.S.S. 2: 528. 1934, as syn. of *F. alata* Hack.
Roshev.

Festuca violacea var. *aurata* (Gaudin) Richt. Fl. Eur. 1: 98. 1890.

Based on *aurata* Gaudin

Switzerland

Festuca violacea var. *aureo-flava* Richt. Fl. Eur. 1: 98. 1890.

Based on *F. flaccida* var. *aureo-flava* Schur.

Rumania

Festuca violacea var. *cappadocica* Hack. Ann. Naturhist. Hofmus. Wien 20: 432. 1905.

Penther & Zedlerbauer

Erdschias - Dagh

Turkey - Asia Minor

Festuca violacea var. *carnica* (Hack.) Richt. Fl. Eur. 1: 98. 1890.

Based on *F. rubra* ssp. *violacea* var. *genuina* subv. *carnica* Hack.

Jugoslavia

Festuca violacea var. *filifolia* Schur, Enum. Fl. Transsilv. 785. 1866.

"Auf dem Arpás. 6000'. Jul."

Rumania

Festuca violacea var. *firmior* Schur, Enum. Fl. Transsilv. 785. 1866.

"Auf dem Königstein. 8000'. Kalk."

Rumania

Festuca violacea var. *flaccida* (Schur) Richt. Fl. Eur. 1: 98. 1890.

Based on *F. flaccida* Schur.

Rumania

Festuca violacea var. *gemma* subv. *virescens* Vetter, Verh. Zool. Bot. Ver. Wien 65: 168. 1915.

"auf dem Matajur bei Karfreit."

Austria

Festuca violacea var. *kashmiriensis* (Stapf) Hack. Acta Hort. Petrop. 21: 438. 1903.

Based on *F. kashmiriana* Stapf

Himalaya,--Kashmir Kumaon

Festuca violacea var. *maorathera* Hack. in Beck, Ann. Naturhist. Hofmus. Wien 2: 45. 1887.

"Auf steinigten Stellen der Tisovicaalpe in der Prenj Planina..." Herzegovina.

Jugoslavia

Festuca violacea var. *mutica* Kummer & Sendtn. Flora 32: 756. 1849.

"In summo jugo graminoso montis Vlassich, 5500'. (68.)" [Bosnia, Sendtner]

Jugoslavia

Festuca violacea var. *nigricans* Brand in Koch, Syn. Deutsch. Schweiz. Fl. ed. 3. 3: 2773. 1907.

Cites: *Festuca nigricans* Schleich

Cat. pl. helv. exs. p. 13. name only.

Switzerland

Festuca violacea var. *nitida* (Kit.) Jav. Magyar Fl. 1: 101. 1924, descr. in Hungarian.

Based on *F. nitida* Kit.

Hungary

Festuca violacea var. *piota* (Kit.) Brand in Koch, Syn. Deutsch. Schweiz. Fl. ed. 3. 3: 2773. 1907.

Based on *F. piota* Kit. in Schult.

Austria

Festuca violacea var. *subracemosa* (Schur) Richt. Fl. Eur. 1: 98. 1890.

Based on *F. subracemosa* Schur.

Rumania

Festuca violacea var. *subsessilis* Mutel, Fl. Franç. 4: 100. 1837.

"bords de la Romanche près la Grave (Mut.)"

[France]

Festuca virgata (L.) Lam. Tabl. Encycl. 1: 189. 1791.

Based on "*Cynosurus virgatus* L."

Jamaica Man. U. S.
Man. Gr. W. I.

Festuca virgata Heyne, ex Steud. Nom. Bot. ed. 2.

1: 633. 1840, as syn. of *Centotheca lappacea*.

Not Lam. 1791.

India

Festuca viridis Panz. ex Schult. Mant. 2: 397. in

obs. 2. 1824.

No loc. given

Europe

Festuca viridula Vasey, U. S. Dept. Agr. Div. Bot.

Bull. 13(2): pl. 93. 1893; Contr. U. S. Nat. Herb.

1: 279. 1893.

"California." [probably Summit Station], Bolander

Man. U. S.

Festuca viridula var. *Howellii* (Haack.) St.-Yves,

Candollea 2: 266. 1925.

Based on *F. Howellii* Haack.

= *F. viridula* Vasey

Deer Creek Mountains (Howell in 1887)

Oregon

Man. U. S.

Festuca viridula var. *Vaseyana* St.-Yves, Candollea

2: 265. 1925.

Based on *F. viridula* Vasey ipse

= *F. viridula* Vasey

Man. U. S.

California

Festuca viscida (Roem. & Schult.) F. Muell. Veg.

Chath. Isl. 59. 1864.

Based on "*Tridonia viscida* Roem. & Schult."

Australia

Festuca vivipara J. E. Smith, Fl. Brit. 1: 114. 1800.

(4)

"On Ingleborough, Skiddaw, Snowdon, and on most of the Scottish mountains."

England; Scotland

Festuca vivipara Hornem. in Fl. Dan. Vol. 12(fasc. 35):

pl. 2043. 1832. Not J. E. Smith, 1800.

"Fest. ovina var. vivip. Wahlenb." cited.

"Fest. ovina var. vivipara L." in Wahlenb. Fl. Sveo.

ed. 2. 1: 64. 1824.

Festuca vivipara var. *hirsuta* (Lange) Schol. in Devold

& Schol. Fl. Fl. & Ferns of Southeast Greenland. 140.

1933. (Skript Svalbard Nr. 56: 140. 1933).

Based on *F. ovina* var. *hirsuta* Lange, Comp. Fl.

Greenland 179. 1880.

Greenland

Festuca vulgaris (Haack.) Hayek, Denkschr. Akad. Wiss.

Math. Naturw. (Wien) 94: 208. 1918.

Based on *F. ovina vulgaris* Haack. [error for "Koch. Syn. ed. 1. 2: 812." cited by Haack.]

Europe

Festuca vulgaris var. *laevifolia* (Haack.) Hayek, Repert.

Sp. Nov. Fedde Beih. 30(3): 276. 1932.

Based on *F. ovina* [ssp. *euovina*] var. *vulgaris* subv.

laevifolia Haack.

No loc. cited.

Europe

Festuca vulgaris var. *sudetica* (Kitt.) Hayek, Repert.

Sp. Nov. Fedde Beih. 30(3): 276. 1932.

(Same as Hayek-Markgraf, Prodr. Fl. Penins. balc. 3: 276. 1932)

Based on "*F. ovina sudetica* Kitt. Taschenb. D. Fl. 3. Aufl. I. 125." [Not in 1837 ed. from library Dept. Agr.]

Litard. gives "*F. ovina* subsp. *euovina* var. *sudetica* Kittel, Deutschl. Fl. ed. 2. 97. [1844]; ed. 3. 125. [1853]

Europe

Festuca vulpioides Schur, (Verh. Siebenb. Ver. Naturw.

4: 89. 1853, as syn. of *F. rubra* L.); Enum. Fl.

Transsilv. 794. 1866.

"Auf feuchten Moorniesen: Lazareth wiese bei Hermannstadt; Burzenwiese bei Kronstadt. Jun. Jul. 1846-1854."

"*F. transsilvanica* Schur olim pl. exsicc.")

Rumania

Festuca vulpioides Steud. Syn. Fl. Glum. 1: 305. 1854.

So. Africa

Festuca wagneri Deg. Thaisz & Platt, Magyar Bot.

Lapok 4: 30. 1905.

See *Festuca sulcata* subv. *wagneri* Deg. Thaisz & Platt.

"Hab. in collibus arenae mobilis comitatus Temes. sub finem Jun. 1904 dom. Prof. Joannes Wagner. [Hungary]

Rumania

Festuca Waldsteinii Degen, Fl. Veleb. 1: 549. 1936.

Krb. = Krbavien. Auf der Gola Pljesivica (Kitsibel, Herb. fasc. IV. No. 125 als "*Festuca qua?*") Degen says Haack. wrote on this Specimen, which he also had seen, "*F. rubra* L. dumetorum L."

Croatia, Jugo Slavia

Festuca watsoni Nash in Britt. Man. Bot. 148. 1901.

Based on "*Festuca Kingii* (S. Wats.) Scribn. Not F. Kingiana Endl.)"

= *Hesperochloa kingii* (S. Wats.) Rydb.

East Humboldt Mts. Nevada

Man. U. S.

Festuca weberbaueri Pilger, Bot. Jahrb. Engler

37: 512. 1906.

"Weberbauer n. 473"

U.S.

"Peru: Dep. Puno ad Azangaro"

Festuca weberbaueri var. *foliosa* Pilger, Bot. Jahrb.

Engler 37: 513. 1906.

"Weberbauer n. 4872"

U.S.

"Peru: in collibus ad Cuzco."

= *F. dolichophylla* In Grass. Ecuador, Peru etc.

Festuca werdermannii St.-Yves, Candollea 3: 301. 1927.

"Chili. Prov. de Coquimbo: Baños del Toro... leg. Werdermann, XII - 1923, Fl. Chil. No. 209 (herb. Deless.)"

Chile

X *Festuca wettsteinii* Vetter, Verh. Zool. Bot. Ges.

Wien 72: 114. 1922.

Parents:

F. glauca Lam. X *rubra* L.

Europe

Festuca wightiana Steud. Syn. Fl. Glum. 1: 316. 1854.

"*Schedonorus bromoides* Wight hrbr. ex parte. Nees apt. Ind. or."

Festuca willdenowiana Schult. Add. 1 to Mant. 3: 650.

1827. [1824 on title page; see note by Sprague in photo copy of Add. 1 to Mant. 3.]

Based on "*F. mexicana* Willd. Herb. Spreng. S.V. p.356." Not Lag. Not Roem. & Schult. 1817.

Mex. grasses

Festuca willemetii Savi, Cose Bot. 53. 1832.

"*Festuca bromoides* Linn. Willem. Note ec." cited.

Italy

[Cose Bot. = Botanical Items]

Festuca Woronowii Haack. Monit. Jard. Bot. Tiflis

24: 17. 1912.

"Hab.: prov. Batum, distr. Artvin. In pratis alpinis montis Karachal, 7500 ca. 30 VII. 1911. leg. N. Wwedensky. Typus in herb. E. Haackel et Horti Botanici Tiflisiensis."

Transcaucasia. U.S.S.R.

Festuca xanthina Roem. & Schult. Syst. Veg. 2: 721.

1817.

"*F. flavescens* Willd. Enum. H. Berol. I. p. 114. cited.

"Ad rupes calcareas Mehadiæ circa thernas Herouliæ, et in Helvetia."

Switzerland; Austria

Festuca xanthina var. *Adamovicii* (St.-Yves) Hayek, Repert. Sp. Nov. Fedde Beih. 30(3): 287. 1932.

Based on *Festuca* [aria] ssp. *xanthina* var. *Adamovicii* St.-Yves, Bull. Soc. Bot. France 71: 131.

Jugoslavia Serbia

Festuca xanthina [var. *Adamovicii*] subv. *Klasterkyi* Kraj. Veröffentl. Geobot. Inst. Bübel 10: 45. 1933.

"(planta foliis var. *Adamovicii*, spiculis var. *eu-xanthinae* similis)"

F. varia ssp. *auriculata* Klasterky

(See last paragraph page 44) "St.-Yves has described the var. *Adamovicii* [*F. varia* ssp. *xanthina* var. *Adamovicii* St.-Yves.] He differentiates it from the var. *eu-xanthina* [*F. varia xanthina* var. *eu-xanthina* St.-Yves]"

Festuca xanthina f. *Schurii* Kraj. Veröffentl. Geobot.

Inst. Bübel 10: 44. 1933.

"In Schur's herb. Transs. (Lwów) findet sich '*F. flavescens* Bellard = *F. xanthina* R. et Sch.' von der Lokalität 'in rupestribus alpium in monte Butsets. August. Dr. Schur. Diese Form ist nur wenig von der typischen *F. xanthina* verschieden."

Rumania

Festuca yunnanensis St.-Yves, Rev. Bret. No. 2. 10. 72.

1927; Candollea 3: 386. 1928.

"Asia: Yunnan."

"Yunnan: flancs est du Lichian-Range bord des forêts de pins, leg. Forrest No. 2797 (herb. Berlin.)"

China

Festuca yunnanensis var. *villosa* St.-Yves ex Hand.-

Mazz. Symb. Sinicae 7(5): 1287. 1936.

"N.W. Yunnan: Steinige Matten der Hg. St. am Hange unter dem Kar Schitako im Yülung-Schan bei Lidjiang, 3750 m. 20-VII. 1914, beide Varietäten gemischt 4262). [Handel-Mazzetti, Coll.]..."

Hg. St. = "Hoohgebirgs-(alpine) Stufe"

Festuca yvesii Litard. Bull. Soc. Hist. Nat. Afr.
Nord. 14: 337. f. 1. 1923.

"(Sect. Ovinae §2 Extravaginales var. Mixtae Hack.
Monogr. Fest. eur., p. 127)"
"Hab. in locis lapideis porphyreosis alpinis Atlan-
tis Majoris, in valle Acif Ouenkrime (ditionis Be-
raya), ... (leg. R. de Litardière, 24 VII 1923) --
Typus in Herb. R. Lit., in Herb. Universitatis
Algeriensis et in Herb. St.-Yves."

Northern Africa

Festuca yvesii var. *eu-yvesii* Litard. Bull. Soc. Sci.
Nat. Maroc. 15: 266. 1935.

Marocco, Afr.

"paraît assez fréquente dans les hautes Montagnes
marocaines (Rif, Moyen Atlas, Grand Atlas) --
récoltes récentes de M. Emberger dans le Grand Atlas
oriental: other localities cited."

Festuca yvesii var. *Lipskii* (St.-Yves) St. Yves,
Candollea 5: 139. 1932.

Based on *F. Font-Querii* var. *Lipskii* St.-Yves
Asia media. Buchara: Schachrisjals, ... leg.
Lipski 3 - VI - 1896.

X *Festuca Zobelii* Wein, Repert. Sp. Nov. Fedde 7: 19.
1909.

Parents: *F. ovina* X *rubra*
"Südesthaz: Kupferberg bei Pölsfeld."
Czechoslovakia

Festucaria heisteri Fabr. ex Steud. Nom. II. 1: 633.
1840, as syn. *Olyceria fluitans*
Europe
= *Olyceria fluitans*

Festucaria psilantha Link, Linnaea 17: 398. 1843.

Based on *Brachypodium psilanthum* Link.
= *Festuca*
Europe australis

Festucaria tenuicula Link. in Linnaea 17: 398. 1843.
"Festuca tenuicula Kth...Trit. tenuiculum DeCand."
cited.

Festulolium ascendens (Retz.) Aschers. & Graebn. Syn.
Mitteleur. Fl. 2: 768. 1902.
Based on *Festuca s[ci]oendens* Retz.
Sweden

X *Festulolium braunii* (Richt.) Camus, Bull. Mus. Hist.
Nat. 33: 538. 1927.
Based on *Festuca braunii* Richt.
Germany

Festulolium Brinkmannii (A. Br.) Aschers. & Graebn.
Syn. Mitteleur. Fl. 2: 769. 1902.
Festuca Brinkmannii A. Br.
Cult. hort. Berlin

Festulolium Colini Cugnac & Camus, Bull. Soc. Bot.
France 91: 16. f. C. 19'4.
Lolium temulentum L. ♀ X *Festuca pratensis* Huds. ♂
France

X *Festulolium Frederici* Cugnac & Camus, Bull. Soc.
Bot. France 91: 19. 1944.
Parents: *Festuca rubra* X *Lolium perenne* F. Nilsson,
Hereditas, 18, p. 1. 1933.
France

Festulolium loliaceum (Huds.) C. E. Hubbard, Kew Bull.
Misc. Inf. 1939: 101. 1939.

In Clap. Tut. & Warb. Fl. Brit. Isl. 1427. 1952.
"X *F. loliaceum* (Huds.) P. Fourn. E. B. t. 1792"
E. B. = English Botany (see p. 1507)

Based on *Festuca loliacea* Huds.
Vauxhall, England

Festulolium loliaceum (Huds.) P. Fourn. "English Botany
t. 1792." Clapham, Tutin & Warburg. Fl. Brit. Isles
1427. 1957.

F. pratensis Huds. X *L. perenne* L.
See same (Huds.) C. E. Hubb. 1939.

X *Festulolium Nilssonii* Cugnac & Camus, Bull. Soc.
Bot. France 91: 19. 1944.

Parents: *Lolium multiflorum* ♀ X *Festuca gigantea* ♂
F. Nilsson, Bot. Notiser 81. 1930.
France

Fibiohia dactylon (L.) Beck, Wiss. Mitt. Bosn.
Herzegow. 9: 436. 1904.

Based on *Panicum dactylon* L.
= *Cynodon dactylon*
Europe

Fibiohia umbellata Koel. Desor. Gram. 308. 1802.
Based on *Panicum dactylon* L.
= *Cynodon dactylon*
Europe

Fibiohia umbellata var. *biflora* Beck, Flora von
Nieder-Osterr. 1: 76. 1890.
"in Gärten von Währing. VI bis in den Herbst."
= *Cynodon*

Filipedium planipedioellatum (Bor) Baigada & Jain,
Journ. Bombay Nat. Hist. Soc. 49: 683. 1951.

Based on *Capillipedium planipedioellatum* Bor.
Manipur State, endemic
Bor retains this species in *Capillipedium* q.v. Bor
p. 112.
Exsicc.- N. L. Bor 17059, Manipur (Type K).
Kew

Fingerhuthia affghanica Boiss. Fl. Orient. 5: 569.
1884.
"F. Afriana Aitch...non Lehm." cited.
Afghanistan

Fingerhuthia africana Lehm. Cat. Sem. Hort. Hamb.
7. 1834; Linnaea Litt. 10: 112. 1836; descr. in
Delectus Seminum. [ex Aitch. Journ. Linn. Soc.
19: 193. 1882. "From Thal to Shinak...Kuram
Valley, Afghanistan]

var. *major* l.c.
var. *minor* l.c.
"Habitat in Africa australi in vicinia fluminis
Gauritz. (Ecklon)"
So. Africa

Fingerhuthia capensis Nees, ex Lehm. Cat. Sem. Hort.
Hamb. 1835. see op. cit. 7. 1834.
= *africana*
South Africa

Fingerhuthia ciliata Nees, Fl. Afr. Austr. 1: 136.
1841.

Based on "Fingerhuthia capensis N. ab E. in Lehm.
Cat. Sem. Hamb. a. 1835."

South Africa

Fingerhuthia ciliata var. *maior* Nees Fl. Afr. Austr.
1: 136. 1841.

promiscue in deserto Karro ad Gauritz flumen, George
(Ecklon); ad Cango in Districtu George, (Mundt in
Herb. Reg. Berol.); ad Ganka flumen prope castellum
Beaufort alt. 2600', et in collibus saxosis prope
Zwartbulletje ad Ganka fluvium alt. 2500' Drège."

South Africa

Fingerhuthia ciliata var. *minor* Nees Fl. Afr. Austr.
1: 136. 1841.

"in rupestribus ad Kowa-ama prope Noagas alt. 1500-
2000', (Drège.)" [See also var. *maior*]

Fingerhuthia sesleriaeformis Nees, Fl. Afr. Austr.
1: 138. 1841.

"In valle quadam graminosa locis humidis ad Glenfill-
ing... (Albany), ad Nieuwejaarsfontein, et ad Bok-
poort..., in humidis planitie inter Zwartkey et
Los-Tafelfelberg...et ad Wonderhuivel (Drège)"

So. Africa

Florinia pulchella Parl. Fl. Ital. 1: 233. 1848.
Based on "Airopsis pulchella Ten!"
Italy

Flexularia compressa Raf. Journ. de Phys. Chym. 89: 105
1819, unidentified name.
"Dans le Kentucky et l'Ohio"
Given in Manual U. S. under Unidentified names.

Fluminea arundinacea Fries, Summa Veg. Scand. 247.
1846.
Based on *Festuca borealis* (Trin.) Mert. & Koch, this
based on *Donax borealis* Trin.
Sweden ?

Fluminea festuacea (Willd.) Hitchc. U. S. Dept. Agr.
Bull. No. 772: 38. 1920.
Based on *Arundo festuacea* Willd.
= *Scolochloa festuacea* (Willd.) Link. Man. U. S.

Fluminea spiculosa (Fr. Schmidt) Honda, Journ. Fac.
Sci. Univ. Tokyo Sect. III, Bot. 3: 66. 1930.
Based on *Scolochloa spiculosa* Fr. Schmidt.
[Sachalin Isl.] Japan

Poenodorum (Anthoxanthum) Dalechampii Krause, Naturw.
Wochenschr. N. F. 10: 220. 1911.
"the common form of the Rhine plain "Rheinebene und
der Vogesenälter."
Germany

Poenodorum (Anthox.) Loeselii Krause, Naturw.
Wochenschr. N. F. 10: 220. 1911.
"Die gewöhnliche Form Norddeutschlands und der
Ostalpen,"
Europe

Poenodorum (*Anthoxanthum*) *odoratum* var. *villosurum*
(Rohb.) Krause, Naturw. Wochenschr. N. F. 10: 220.
1911.

Based on *Anthoxanthum odoratum* var. *villosum* Rohb.
Europe

Forasacous arenaceus (Pourr.) Bub. Fl. Pyren. 4: 383.
1901.

Based on "*Bromus arenaceus* Pourr."
France

Forasacous arvensis (L.) Bub. Fl. Pyren. 4: 385. 1901.

Based on "*Bromus arvensis* L."
Europe Man. U. S.

Forasacous asper (Murr.) Bub. Fl. Pyren. 4: 383. 1901.

"*Bromus asper*, Murr."
Germany, Switzerland

Forasacous breviaristatus (Hook.) Lunell, Amer. Mid.
Nat. 4: 225. 1915.

Based on *Ceratohloa brevilaristata* Hook.
= *Bromus catharticus* Man. U. S.

Forasacous ciliatus (L.) Lunell, Amer. Mid. Nat.
4: 225. 1915.

Based on *Bromus ciliatus* L.
Canada Man. U. S.

Forasacous ciliatus laevigulumis (Scribn.) Lunell,
Amer. Mid. Nat. 4: 225. 1915.

Based on *Bromus ciliatus* var. *laevigulumis* Scribn.
= *Bromus purgans* var. *laevigulumis* Man. U. S.
Ontario

Forasacous commutatus Bub. Fl. Pyren. 4: 387. 1901.

Based on "*Bromus commutatus* Schrad."
Germany Man. U. S.

Forasacous diandrus, Bub. Fl. Pyren. 4: 380. 1901.

Based on "*Bromus diandrus* Curt."
Europe

Forasacous distichus (Moench) Bub. Fl. Pyren.
4: 380. 1901.

Based on "*B[romus] distichus* Moench"
Europe

Forasacous erectus (Huds.) Bub. Fl. Pyren. 4: 384. 1901.

Based on "*Bromus erectus* Huds."
England Man. U. S.

Forasacous giganteus (L.) Bub. Fl. Pyren. 4: 383. 1901.

Based on "*Bromus giganteus* L."
Europe
= *Festuca gigantea* Man. U. S.

Forasacous inermis (Leyss.) Lunell, Amer. Mid. Nat.
4: 225. 1915.

Based on *Bromus inermis* Leyss.
Germany Man. U. S.

Forasacous lanceolatus Bub. Fl. Pyren. 4: 384. 1901.

Based on "*Bromus lanceolatus* Roth"
cult. Europe

Forasacous latiglumis (Shear) Lunell, Amer. Mid.
Nat. 4: 225. 1915.

Based on "*Bromus latiglumis* Hitchc." which is based
on *B. purgans* [var.] *latiglumis* Shear.
Man. U. S.

Forasacous marginatus (Nees) Lunell, Amer. Mid. Nat.
4: 225. 1915.

Based on *Bromus marginatus* Nees
Columbia River, U. S. Man. U. S.

Forasacous maximus (Desf.) Bub. Fl. Pyren. 4: 382.
1901.

Based on "*Bromus maximus* Desf."
North Africa Man. U. S.

Forasacous mollis (L.) Bub. Fl. Pyren. 4: 386. 1901.

Based on "*Bromus mollis* L."
Europe

Forasacous patulus (Mert. & Koch.) Bub. Fl. Pyren.
4: 387. 1901.

Based on "*Bromus patulus* Mert. & Koch."
Austria

Forasacous pumpellianus (Scribn.) Lunell, Amer. Mid.
Nat. 4: 225. 1915.

Based on *Bromus Pumpellianus* Scribn.
Man. U. S.

Forasacous purgans (L.) Lunell, Amer. Mid. Nat.
4: 225. 1915.

Based on *Bromus purgans* L.
Canada Man. U. S.

Forasacous racemosus (L.) Bub. Fl. Pyren. 4: 387. 1901.

Based on "*Bromus racemosus* L."
Europe

Forasacous secalinus (L.) Bub. Fl. Pyren. 4: 388. 1901.

Based on "*Bromus secalinus* L."
Europe Man. U. S.

Forasacous squarrosus (L.) Bub. Fl. Pyren. 4: 385.
1901.

"*Bromus squarrosus* L."
Portugal

Pourniera mexicana Scribn. U. S. Dept. Agr. Div.
Agrost. Bull. 4: 8. f. 1, 2, 3. 1897.

"Found by Dr. Palmer in a deep cut in the mountains
near Acapulco, Mexico.....October.

Fremya juncea Jacquet, L'Année Biologique 52: 260. 1948
as syn. *Spartina* subgen. *Fremya*, l.c.

France

Proesiochloa boutelouoides G. A. Black, Bol. Tec.
Inst. Agron. do Norte 20: 30. 1950.

Habitat in Brasiliae Territorio Amapá, in silva
primaria non inundata secus Igarapé Nataia fluminis
Oiapoque tributarium, 5-II-1950, R. L. Fröes 25861
(IAN, typus). Brazil

Fruentum arenarium Krause, Bot. Centralbl. 73: 340.
1898.

"(*Elymus* Nyman)" presumably based on *Elymus*
arenarius as used by Nyman.
Europe

Fruentum Hordeum Krause, Bot. Centralbl. 73: 339.
1898.

Based on "*Hordeum vulgare*"
Europe

Fruentum pratense Krause, Bot. Centralbl. 73: 339.
1898.

"*Hordeum secalinum*" cited.
Europe

Fruentum repens (L.) Krause, Bot. Centralbl. 73:
340. 1898.

Presumably based on *Triticum repens* L.
Europe
= *Agropyron repens*

Fruentum Secale Krause, Bot. Centralbl. 73: 339. 1898.

Based on "*Secale montanum*"
Europe

Fruentum silvaticum Krause, Bot. Centralbl. 73: 339.
1898.

"*Elymus europaeus*" cited.
Europe

Fruentum triticum Krause, Bot. Centralbl. 73: 339.
1898.

Based on "*Triticum sativum*"
Europe

Russia capillaris (Host.) Schur, Enum. Fl. Transs.
754. 1866.

Based on "*Aira capillaris* Host."
Austria

Russia capillaris var. *elegantissima* Schur, Enum. Fl.
Transs. 755. 1866.

"In lichten Eichenwäldern am Fusse alter Eichen in
lockerer Moerde, im jungen Wald bei Hermannstadt."
Rumania

Fussia caryophyllea (L.) Schur, Enum. 754. 1866.

Based on *Aira caryophyllea* L.

Europe

Man. U. S.

Fussia praecox (L.) Schur, Enum. 754. 1866.

Based on "*Aira praecox* L."

Europe

Man. U. S.

Gaimordia minima Colenso, Trans. & Proc. New Zeal.

Inst. 22: 491. 1890.

(Grass, but placed in wrong genus.)

Hab. Dry open grounds, Mount Tongariro; 1889; Mr. H. Hill. Also on high stony plains south of Camerivike, County of Waipawa, hidden among low herbage; 1888. W. C. [W. Colenso]

New Zealand

(Above is basis of *Zoisia minima* (Colenso) Zotov)

Gamelythrum demudatum Nees in Lehm. Fl. Freiss.

2: 101. 1846.

"In districtu Grantham, Mart. a. 1841. (specimina abortiva). Herb. Freiss. No. 1852."

see Vickery, Contr. New South Wales Nat. Herb. 1: 295. 1950. Abortive spikelets only. doubtful

Gamelythrum turbinatum (R. Br.) Nees, Lond. Journ.

Bot. 2: 415. 1843.

"(Amphipogon R. Br. Swan River, Drummond.)"

"Nees in Lehm. Fl. Freiss. 2: 101. 1846."

[Filger refers this to *Amphipogon restionaceus* Pilg. which see]

Australia

Garnotia acutigluma (Steud.) Ohwi, Bot. Mag. Tokyo

55: 393. 1941.

Based on *Uraclume acutigluma* Steud.

Japan

Garnotia acutigluma var. *aberrans* Santos, Nat. & Appl.

Sci. Bull. (Philippine Univ.) 10: 84. 1950.

Specimen typicum ex Herb. Hort. Bot. Bog., legit C. A. Backer num. 22768, Jun. 17, 1917, Tjadas Malang (alt. 950 m.), Tjidadap, prope Tjibeber, Preanger, Java; in U. S. Nat. Herb. conservatum (sub num. 1063742).

Garnotia acutigluma var. *ambigua* Santos, Nat. & Appl.

Sci. Bull. (Philippine Univ.) 10: 85. 1950.

Specimen typicum ex Herb. Hort. Bot. Bog., legit Backer num. 22401, anno 1917, in vallibus "Tjisohan" prope Tjibeber, Prov. Preanger (alt. 600-650 m.), Java; in U. S. Nat. Herb. conservatum (sub num. 1128628).

Garnotia acutigluma var. *ambigua* f. *abbreviata* Santos,

Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 85.

1950.

Specimen typicum ex Herb. Hort. Bot. Bog., legit Backer, num. 25632, anno 1918, ad Tjikante circa Tjiloo (alt. 50 m.), Preanger, Java; in U. S. Nat. Herb. conservatum (num. 1128626).

Garnotia acutigluma var. *ambigua* f. *partiens* Santos,

Nat. & Appl. Sci. Bull. (Philippine Univ.)

10: 85. 1950.

Specimen typicum ex Herb. Hort. Bot. Bog., legit W. F. Winkel num. 14043, June 11, 1923, ad Tjadas Malang prope Tjibeber (alt. 1000 m.), Preanger, Java; in U. S. Nat. Herb. conservatum (sub num. 1258577). (Nom. ind. djoekoet manganjarang).

Garnotia acutigluma var. *subvestita* Santos, Nat. &

Appl. Sci. Bull. (Philippine Univ.) 10: 84. 1950.

Specimen typicum ex Herb. Hort. Bot. Bog., legit Bakuisen v/d Brink num. 3683, Jun. 6, 1920, ad Salak, (alt. 550 m.), Batavia, Java; in U. S. Nat. Herb. conservatum (sub num. 1128653).

Garnotia africana Jan. in Mez, Repert. Sp. Nov.

Fedde 17: 86. 1921.

"West-Afrika, Lao Fittri (Chevalier)"

= *Panicum anabaptistum* Steud.

fide Hubbard

Garnotia alstonii Santos, Nat. & Appl. Sci. Bull.

(Philippine Univ.) 10: 156. 1950.

Specimen typicum ex Herb. Peradeniyensi, legit A. G. H. Alston, num. 273, Aug. 29, 1926, ad Rangalam, Zelonis, in U. S. Nat. Herb. conservatum (sub num. 1298811).

Garnotia angustata Hack. ex Hook.f. Fl. Brit. Ind.

7: 243. 1896, as syn. of *G. stricta* Brongn.

India

Garnotia aperiens Santos, Nat. & Appl. Sci. Bull.

(Philippine Univ.) 10: 167. 1950.

Specimen typicum legit K. Cherian Jacob, Feb. 15, 1927, in Devorilelta, regione "Salem", Madras, India australi; in Herb. Hort. Reg. Kew. conservatum.

Garnotia arborum Stapf, in Woodrow, Journ. Bombay Nat.

Hist. Soc. 13: 439. 1901, nom. nud.; Cooke, Flora of Presidency of Bombay 2: 1013. 1908.

"Deccan: on trees at Nandgaon on the crest of the Ghats 10 miles S of Lanoli, Woodrow, 30!" plate 135, p. 206. Blatter & McCann, Bombay Grasses. 1935.

Garnotia arborem var. *saxicola* Santos, Nat. & Appl.

Sci. Bull. (Philippine Univ.) 10: 143. 1950.

Specimen typicum legit A. Meebold, num. 1077, Oct. 1908, in saxi ad "Castle Rock", in India Australi; in Herb. Hort. Reg. Kew. conservatum.

Garnotia arundinacea Hook.f. Fl. Brit. Ind. 7: 243.

1896.

"*Andropogon arundinaceus* Heyne in Herb. Rottler. Nilghiri Hills....Heyne." cited.

This only published here as synonym.

Garnotia arundinacea var. *glaberrima* Santos, Nat. &

Appl. Sci. Bull. (Philippine Univ.) 10: 116. 1950.

Specimen typicum lectum a collectore ignoto in montibus Anamalayensibus, alt. 4000 ped., inter provincias Travancore et Coimbatore in India Australi, provincia Madrasensi. Specimen paratypicum legit W. A. Lawson, num. 88, Nov. 1888, in loco dicto Wynaad (alt. 2 - 6000 ped.). Ambae collectiones in Herb. Hort. Reg. Kew. conservatae.

Garnotia arundinacea f. *glabrius* Santos, Nat. & Appl.

Sci. Bull. (Philippine Univ.) 10: 116. 1950.

Specimen typicum legit J. Cameron, Martio 1899, in Regione Coorgensi, India australi; in Herb. Hort. Reg. Kew. conservatum.

Garnotia ascendens Munro ex Hook.f. Fl. Brit. Ind.

7: 243. 1896, as syn. of *G. stricta* Brongn.

India

Garnotia asiatica Santos, Nat. & Appl. Sci. Bull.

(Philippine Univ.) 10: 125. 1950.

Specimen typicum ex Herb. J. S. Gamble, C. B. Clarke num. 33619, in Paramnath (alt. 4300 ped.), Hazaribagh, in regione Bihar, India, in Herb. Hort. Reg. Kew. conservatum. Collectiones alias: A. F. G. Kerr, num. 2770, Oct. 27, 1912, Doi Suteb, Siam (K); A. F. G. Kerr, num. 3417, Oct. 18, 1914, Doi Suteb, Siam (K); A. F. G. Kerr, num. 6693, Nov. 1922, Doi Suteb, Siam (K, UC, 289038); S. Kurz, Jan.-Feb. 1878, Shonmway (?), Burma (G); Griffith, num. 6781, India (NH, 1649911).

Garnotia asiatica f. *anomala* Santos, Nat. & Appl. Sci.

Bull. (Philippine Univ.) 10: 127. 1950.

Specimen typicum legit C. B. Clarke, num. 20766, Oct. 1, 1873, ad Paramnath, (alt. 4000 ped.), Bihar, India; in Herb. Hort. Reg. Kew. conservatum.

Garnotia asiatica f. *longiaristata* Santos, Nat. & Appl.

Sci. Bull. (Philippine Univ.) 10: 127. 1950.

Specimen typicum legit Wenger, num. 288, Oct. 1929, in parte australi regionis "Lushai" (alt. 3000-4000 ped.), Assam, India; in Herb. Hort. Reg. Kew. conservatum.

Garnotia asiatica f. *pilosivaginata* Santos, Nat. &

Appl. Sci. Bull. (Philippine Univ.) 10: 126. 1950.

Specimen typicum ex herb. "Judson College", Rangoon, legit F. G. Dickason, num. 5184, Oct. 1933, in Thandaung, Burma, in Herb. Gray Harv. conservatum.

Garnotia asiatica f. *robustior* Santos, Nat. & Appl.

Sci. Bull. (Philippine Univ.) 10: 126. 1950.

Specimen typicum (ex herb. Ind. Or. Hook.f. & Thomson) legit J. D. Hooker et Thompson in montibus Khasias (alt. 4000-6000 ped.), India, in Herb. Hort. Bot. Novebor. conservatum; isotypica in NY, K. G.

Garnotia atribrunnea Santos, Nat. & Appl. Sci. Bull.

(Philippine Univ.) 10: 153. 1950.

Specimen typicum ex Herb. Peradeniyensi, legit collector Trimen, num. 17, Jan. 16, 1896, prope Dambulla Rock, Zelonis; in U. S. Nat. Herb. conservatum (sub num. 1298947).

Garnotia atribrunnea f. *breviuscula* Santos, Nat. &

Appl. Sci. Bull. (Philippine Univ.) 10: 154. 1950.

Specimen typicum ex serie Thwaitesii Plantarum Zeloniarum 943B in Herb. Gray. Univ. Harb., conservatum.

Ceylon

Garnotia australindica Santos, Nat. & Appl. Sci. Bull.

(Philippine Univ.) 10: 128. 1950.

Specimen typicum legit A. Meebold, num. 10773, Oct. 1908, in India australi; in Herb. Hort. Reg. Kew. conservatum.

Garnotia australindica var. *travancorensis* Santos, Nat.

& Appl. Sci. Bull. (Philippine Univ.) 10: 130. 1950.

Specimen typicum legit ad Quilon, in Travancore, Madras, India Australi; in Herb. Hort. Reg. Kew. conservatum.

Garnotia barbulata (Nees) Merr. Philippine Journ. Sci.

Bot. 13: 130. 1918.

Based on *Miquelia barbulata* Nees

[From. Syng-Moon]

China

Garnotia bidentata Santos, Nat. & Appl. Sci. Bull.

(Philippine Univ.) 10: 111. 1950.

Specimen typicum ex Herbario Peradeniyensi legit W. Ferguson num. 305, Martio 1887, ad montem (Knuckles) in Zelonis, in U. S. Nat. Herb. (sub num. 1298916). conservatum.

Ceylon

Garnotia brevifolia Ohwi, Bull. Tokyo Sci. Mus. no. 18: 9. 1947.

"Java (Wanajasa, Bakhuizen van den Brink, 4687, in Herb. Bogor.)."
Type also U. S. Nat. Herb.

Garnotia caespitosa Santos, Journ. Arn. Arb. 25: 92. pl. 2. 1944.

"Type in the U. S. Nat. Herb. no. 1238135, collected at Los Banos, Laguna Province, Luzon Island, Philippines, March 6, 1913, by F. C. Gates (no. 6237)."

Garnotia caespitosa var. *emarginata* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 68. 1950.

Specimen typicum ex "Herb. Philip. Bur. Sci." num. 47127, legit M. Ramos et G. Edaño, Feb.-March 1926, ad San Mariano, Prov. Isabela, Luzon, Insulis Philippinensibus; in U. S. Nat. Herb. conservatum (sub num. 1526467); isotypicum (UC 309763).

Garnotia caespitosa var. *longiscula* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 67. 1950.

Specimen typicum ex "Herb. Philip. Bur. Sci." num. 34069, legit M. Ramos et G. Edaño, Feb. 1919, ad Angat, Prov. Bulacan, in insula Luzonia, Insulis Philippinensibus; in Herb. Univ. Calif. conservatum (sub num. 219524); isotypicum (G).

Garnotia caespitosa var. *longiuscula* f. *amboinensis* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 68. 1950.

Specimen typicum ex "Herb. Philip. Bur. Sci." legit C. B. Robinson num. 1649, Jun.-Nov., 1913, ad Amboina in insulis Moluccensis; in U. S. Nat. Herb. conservatum (sub num. 775165).

Garnotia caespitosa f. *permuconata* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 67. 1950.

Specimen typicum ex "Philip. Bur. Sci." num. 36776, legit M. Ramos et G. Edaño, Oct.-Nov. 1919, in Prov. Zamboanga, in insula Mindanaensi, Ins. Philippinensibus; in U. S. Nat. Herb. conservatum (num. 1108740).

Garnotia cheesemani Hack. Trans. Linn. Soc. Bot. 6: 303. 1903.

"Barotonga in saxosis montium rara. Legit T. P. Cheeseman, Jul. 1899."

Cook Islands, South Pacific

Garnotia Cheesemani var. *rarotongensis* (Whitney) Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 76. 1950.

Based on *G. rarotongensis* Whitney, Occ. Pap. Bishop Mus. 13: 77. 1937.

Barotonga, Cook Isl., South Pacific

Glyceria chinensis Keng, Claves gram. prim. Sinoarum. 173. 1957. nom. nud.

Garnotia ciliata Merr. Philippine Journ. Sci. Bot. 13: 130. 1918.

"Kwangtung Province, Loh Pau Mountain (Lofaushan), Merrill 10701, August 25, 1917, on thin earth over boulders along streams, altitude 900 to 1000 meters."

China

Garnotia ciliata var. *conduplicata* Santos, Journ. Arn. Arb. 25: 89. 1944.

"Type in the U. S. National Herbarium, no. 1106724, ...near the summit of Loh Pau Mountain, Kwangtung, China, Oct. 26-29, 1921, by A. S. Hitchcock no. 19009f."

Garnotia ciliata var. *glabriuscula* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 139. 1950.

Specimen typicum ex monte Lohfau (1000 speciesi classico) 20 millibus pasuum ab Sheklung adversus septentrionem in provincia Kwangtung, Sina, legit A. S. Hitchcock, num. 19009B, 26-29 Oct., 1921; in Herb. Univ. Californiae conservatum (sub num. 279296).

China

Garnotia ciliata f. *latifolia* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 138. 1950.

Specimen typicum ex monte Lohfau (1000 speciesi classico) 20 millibus pasuum ab Sheklung adversus septentrionem in provincia Kwangtung, Sina, legit A. S. Hitchcock, num. 19009A October 26-29, 1921; in U. S. Nat. Herb. conservatum (sub num. 1106625).

China

Garnotia ciliata f. *pauperuscula* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 138. 1950.

Specimen typicum ex herbario Collegii Cantonensis Christiani (sub num. 29687) legit Levine et McClure invia ad montem Lou Pau (1000 speciesi classico) elevations 1000 m. supra maris planitiem, in provincia Kwangtung, Sina, Aug. 3-Sept. 4, 1921, in U. S. Nat. Herb. conservatum (sub num. 1625596).

China

Garnotia conduplicata (Santos) Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 134. 1950.

Based on *G. ciliata* var. *conduplicata* Santos, Journ. Arnold Arb. 25: 89. 1944.

Loh Pau Mt., Hitchcock 19009f, China

Garnotia courtallensis (Arn. & Nees) Thwaites, Enum. Fl. Zeyl. 363. 1864.

Based on "Miquelia Courtallensis Arn. & Nees."

Courtallum, Quilon, Travancore State, Madras, South India

Garnotia courtallensis var. *divaricata* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 146. 1950.

Specimen typicum in Sirpara, prov. Madras, legit collector ignotus, mense Nov. 1890; in Herb. Hort. Reg. Kew. conservatum.

Garnotia decidua Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 158. 1950.

Specimen typicum ex Herb. Peradeniyensi, legit G. H. K. Thwaites, "C. P. 943" (in part) in Karawitti Kandi, Zelandia, in U. S. Nat. Herb. conservatum (sub num. 1298948). Collectio duplicata isotypica, ex Herb. Hackell, in U. S. Nat. Herb. conservatum (sub num. 1126535).

Ceylon

Garnotia deflexa Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 109. 1950.

Specimen typicum ex Herbario Peradeniyensi, legit Beckett, "C.P. 3967", in 1868, in Malate Oriente, Zelandia, in U. S. Nat. Herb. conservatum (sub num. 1298863).

Ceylon

Garnotia deflexa var. *affinis* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 111. 1950.

Specimen typicum ex Herbario Peradeniyensi, legit W. Ferguson num. 307, Martio 1887, in monte "Knuckles", in Zelandia, in U. S. Nat. Herb. conservatum (sub num. 1298918).

Ceylon

Garnotia deflexa var. *ferruginea* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 111. 1950.

Specimen typicum ex Herbario Peradeniyensi, legit W. Ferguson, num. 306, Martio 1881, in "Armherst State", ad locum dictum Udepurselawa, (alt. 45,000 ped.), in Zelandia, in U. S. Nat. Herb. conservatum (sub num. 1298917). Paratypicum ex Zelandia, legit J. C. Willis, anno 1903 (partem A), in U. S. Nat. Herb. conservatum (sub num. 999380).

Ceylon

*error for 4500

Garnotia depressa Moore, Bishop Mus. Bull. 102: 18. 1933.

"Field no. 623 B, collected by John W. Moore, Feb. 19, 1927, alt. 450 meters; in wet moss near the "hole", Mount Temehani."

French Society Islands
Raiatea - Leeward Isl.

Garnotia divergens Swallen, Journ. Arn. Arb. 31: 143. 1950.

Vanua Levu: Nathuata: Summit ridge of Mt. Numbullea, east of Lambasa, alt. 500-590 m., Nov. 6, 1947, Smith 6519 (GH, US type) (in dense mats in dense forest).

Fiji Isls.--South Pacific

Garnotia drymeia Hance, Ann. Sci. Nat. IV. Bot.: 18: 233. 1862.

"insulae Hongkong...(Herb. propr. n. 9668.)"

China

[valid in Santos, Rev. *Garnotia* p. 85. 1950]

Garnotia elata (Arn.) Jan. in Mez, Repert. Sp. Nov. Fedde 17: 86. 1921.

Based on *Berghausia elata* Arn.

Peninsula, India

Garnotia Emodi (Arn. & Nees) Jan. in Mez, Repert. Sp. Nov. Fedde 17: 86. 1921.

"Miquelia Emodi Arn. & Nees".

"Emodum, Royle [in the mountain range of Kumaon, India]

Garnotia erecta Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 73. 1950.

Specimen typicum ex Herb. Hort. Bot. Singap. num. 13854, lectum a collectore ignoto, Mar. 30, 1909, ad flumen Telom, Prov. Pahang, Peninsula Malayana; in Herb. Hort. Reg. Kew. conservatum.

Garnotia erecta f. *malayana* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) no: 74. 1950.

Specimen typicum ex Herb. Hort. Bot. Singap. num. 23465, legit M. R. Henderson, Apr. 6, 1920, in saxi madidis ad cataractam, in "Robinson Cameron's Highland", (alt. 4400 ped.), Pahang, Peninsula Malayana; in U. S. Nat. Herb. conservatum (num. 1501950).

Garnotia erecta var. *tomkinensis* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 74. 1950.

Specimen typicum legit A. Petelot num. 3253, Jan. 1928, in saxi ad ripam torrentis, Chapa (alt. 1500 ped.), Lo Qui Ho, Tonkin, French Indo-China, in U. S. Nat. Herb. conservatum (sub num. 1504079).

Garnotia fergusonii Trimen, Journ. Bot. Brit. & For. 27: 170. 1889.

"Found by the late W. Ferguson at the summit of the Knuckles Mountains, Central Prov.....March, 1887"

Ceylon

Garnotia fergusonii var. *fastigiata* Hook.f. Handb. Fl. Ceylon 5: 256. 1900.

"summit of Knuckles (Ferguson)."

Ceylon

Garnotia fergusonii Trim. f. *subdeflexa* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 107. 1950.

Specimen typicum ex loco typico speciei ad summitem montis dicti "Knuckles", Zelandia, legit J. C. Ferguson, anno 1886, conservatum in U. S. Nat. Herb. sub num. 1298862.

Ceylon

Garnotia flexuosa Santos, Nat. & Appl. Sci. Bull.
(Philippine Univ.) 10: 87. 1950.

Specimen typicum ex herb. "East India Company" num. 6780, lectum a collectore ignoto, in Bengalia orientali, India; in U. S. Nat. Herb. conservatum (sub num. 999393); Isotypica (NH 999377, G).

Garnotia foliosa Swallen, Journ. Arn. Arb. 31: 142.
1950.

Vanu Levu: Mathuata: Summit ridge of Mt. Numbuloa, east of Lambasa, alt. 500-590 m., Nov. 6, 1947, Smith 6520 (GH, US type) (in dense forest).

Fiji Isls.

Garnotia fragilis Santos, Journ. Arn. Arb. 25: 89.
pl. 1. 1944.

"Type in the U. S. National Herbarium, no. 1610035, in the vicinity of Chapa, Lo Qui Ho, Indo-China, September 1933 by A. Petelot no. 4745."

aff. *Garnotia polypogonoides* Munro

Garnotia fragilis var. *brevifolia* (Oswi) Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 132. 1950.

Based on *G. brevifolia* Oswi, Bull. Tokyo Sci. Mus. 18: 9. 1947.

Java

Garnotia fragilis var. *laevior* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 132. 1950.

Specimen typicum legit A. Petelot, num. 5068, Sept. 1927, prope Chapa in via ad Lo Qui Ho, (alt. 1600 m. Indo-China, in U. S. Nat. Herb. conservatum (sub num. 1387935)).

Garnotia fragilis var. *laevior* f. *subdecumbens* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 132. 1950.

Specimen typicum legit A. Petelot, num. 5058, Jul. 1927, prope Chapa, (elev. 1400 ped.), Tonkin, Indo-China, in U. S. Nat. Herb. conservatum (sub num. 1506185).

Garnotia fragilis var. *parcitorata* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 132. 1950.

Specimen typicum legit M. Haniff, num. 638, Nov. 13, 1915, in "Kedah Peak" (alt. 4000 ped.), in Peninsula Malayana, in Herb. Hort. Reg. Kew conservatum.

Garnotia fragilis var. *radicans* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 132. 1950.

Specimen typicum ex herb. "East Ind. Co." num. 6781, legit Griffith, India; in U. S. Nat. Herb. conservatum (sub num. 999395); isotypica in U. S. Nat. Herb. 979726, 999394, et in Hort. Bot. Novebor, ex Herb. Torreyi.

Garnotia fusca Thwaites, Enum. Pl. Zeyl. 363. 1864.

"Hab. Saffragam District" Ceylon

Garnotia geniculata Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 161. 1950.

Specimen typicum legit J. S. Gamble, num. 22560, Nov. 1889, in Regione Montium "Nilgiri", Madras, India; in Herb. Hort. Reg. Kew. conservatum.

Garnotia gracilis Swallen, Journ. Arn. Arb. 31: 142.
1950.

Viti Levu: Mba: Slopes of Mt. Nairoa, eastern flank of Mt. Evans Range, alt. 700-1050 m., May 14, 1947, Smith 4413 (GH, US type) (in dense mats on open summit).

Fiji Isls.

Garnotia Griffithii Munro ex Hook.f. Fl. Brit. Ind.
7: 243. 1896, as syn. of *G. stricta* Brongn.
nom. nud.; not *G. stricta* Brongn.

Garnotia himalayensis Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 78. 1950.

Specimen typicum ex Herb. Kuntze, lectum a Kuntze, Dec. 5, 1875, in montibus Himalayensibus, Sikkim, in India septentrionali; in Herb. Hort. Bot. Novebor. conservatum.

Garnotia himalayensis var. *lanceolata* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 80. 1950.

Specimen typicum ex Herb. Hort. Bot. Calcut., legit K. Biswas num. 4558, Nov. 19, 1940, ad Rungbee, in montibus Himalayensibus Orientalibus, Assam, in Herb. Gray. Univ. Harv. conservatum.

Garnotia himalayensis var. *sikkimensis* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 80. 1950.

Specimen typicum legit C. B. Clarke num. 25234, Oct. 11, 1875, ad Yokaun (alt. 6000 ped.), Sikkim, India septentrionali; in Herb. Hort. Reg. Kew conservatum.

Garnotia japonica Hack. Oesterr. Bot. Zeitschr.
52: 55, 56. 1902.

"Japonia: in insula Kuisha prope Bakkan leg. Faurie... (s. nr. 4483)."

= *Phaenospoma globosa*

Garnotia khasiana Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 76. 1950.

Specimen typicum legit C. B. Clarke num. 45539C, Sept. 26, 1886, ad Lalankote, Khasia (Khasi Hills) alt. 550 ped., in India septentrionali; in U. S. Nat. Herb. conservatum (sub num. 1257830). Isotypicum C. B. Clarke num. 45539 E (K).

Garnotia khasiana var. *Clarkei* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 78. 1950.

Specimen typicum legit C. B. Clarke num. 15510, Oct. 19, 1871, in montibus Khasiae (Khasi Hills), alt. 4000 ped., in India septentrionali; in Herb. Hort. Reg. Kew. conservatum; paratypicum legit C. B. Clarke num. 5647, Oct. 7, 1867, ad locum typici, (K)

Garnotia khasiana var. *hemitrichophylla* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 78. 1950.

Specimen typicum legit C. B. Clarke num. 19242, Oct. 18, 1872, in montibus Khasiae (Khasi Hills), alt. 5000 ped., in India septentrionali; in Herb. Hort. Bot. Kew. conservatum; paratypicum C. B. Clarke num. 19450, Nov. 5, 1872, in montibus Khasiae, in India septentrionali (NH 999386).

Garnotia khasiana f. *muromata* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 77. 1950.

Specimen typicum legit C. B. Clarke num. 8776, Aug. 21, 1869, ad Darjeeling, Bengal, in India septentrionali; in Herb. Hort. Reg. Kew. conservatum; paratypicum, C. B. Clarke num. 26738, Sept. 24, 1875 ad Darjeeling, Bengal, in India septentrionali.

Garnotia khasiana var. *partitipubens* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 78. 1950.

Specimen typicum lectum a collectore ignoto, in montibus Khasiensibus ("Khasi Hills"), in India septentrionali; in U. S. Nat. Herb. conservatum (sub num. 999391).

Garnotia khasiana f. *reducta* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 77. 1950.

Specimen typicum ex Herb. Ind. Or. Hook.f. et Thomson, legit J. D. Hooker et Thomson, in montibus Khasiae, (alt. 4000-6000 ped.). India; in Herb. Chic. Nat. Hist. Mus. conservatum; isotypicum (NY); paratypicum legit G. King, anno 1878, in montibus Himalayensibus, Sikkim, India; in Herb. Hort. Bot. Novebor. conservatum.

Garnotia laevis Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 146. 1950.

Specimen typicum ex Zelandia, a G. H. K. Thwaites distributum ("C.P. 454A") in herb. Gray Univ. Harv. conservatum.

Ceylon

Garnotia laevis var. *pilosiuscula* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 147. 1950.

Fragmentum speciminis typici ex Hambodda, Zelandia, a G. H. K. Thwaites distributum ("C. P. 454B") in U. S. Nat. Herb. conservatum (sub num. 1126531).

Caylon

Garnotia lata Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 165. 1950.

Specimen typicum legit C. A. Barber, num. 3574, Oct. 8, 1901, in "Poomachi Ghat, Anamalais", in regione Coimbatore australi, Madras, India australi; in Herb. Hort. Reg. Kew. conservatum.

Garnotia ledermannii Filger, Bot. Jahrb. Engler 52: 171. 1914.

"Nordöstl. Neu-Guinea: Kaiserin-Augusta-Fluss, ... (C. Ledermann n. 12521--"

New Guinea

Garnotia linearis Swallen, Journ. Arn. Arb. 31: 143.
1950.

Kandavu: Near Maku Village, B. E. Farham 2964 (GH type).

Fiji

Garnotia linguiformis Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 119. 1950.

Specimen typicum ex Herb. A. G. Bourne et uxoris, num. 1956, legit Dec. 7, 1898, in Kodalkanal, "Pulney" (Palni), regione Madurae, prov. Madras, India australi; in U. S. Nat. Herb. (sub num. 1546872) conservatum; isotypicum in Herb. Hort. Reg. Kew.

Garnotia longiaristata Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 70. 1950.

Specimen typicum ex Herb. Hort. Bot. Bog., legit. Endert. num. 2645, Aug. 18, 1925, ad Long Hoet, in Koetsi occidentali, ins. Borneensi, in U. S. Nat. Herb. conservatum (sub num. 1535424).

Borneo

Garnotia longiaristata var. *basilensis* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 71. 1950.

Specimen typicum legit L. E. Ebalco num. 907, Jan. 5-18, 1941, in insula Basilensis, Prov. Zamboanga, ins. Philippinensibus, in Herb. Mich. conservatum.

Garnotia longipila Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 151. 1950.

Specimen typicum ex Herb. Vratislavensi, legit A. Meebold, num. 13409, Dec. 1910, in Devicolam, Travancore, India australis, in Herb. Hort. Reg. Kew. conservatum.

Garnotia longiseta Merr. ex Hack. in Kneucker, Allg. Bot. Zeitschr. 15: 141. 1909.

"Am Mount Meriveles---Bataan---Luzon (Philippinan)" as syn. of *G. stricta* var. *longiseta* Hack.

= *G. mindanaensis* var. *longiseta* (Hack.) Santos

Garnotia maxima Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 89. 1950.

Specimen typicum ex "Botanical Institute, Sun Yat-sen University", legit F. C. Chow, num. 73545, Aug. 30, 1935, secus vallium in silva, (alt. 3300 ped. Po-ting, in insula Hainanensi, China; in Herb. Gray Univ. Harv. conservatum; isotypicum (BM).

Garnotia meeboldii Santos, Nat. & Appl. Sci. Bull.
(Philippine Univ.) 10: 162. 1950.

Specimen typicum ex Herbario Caroli Mez n. I. 2568, legit Meebold num. 10402 in loco non designato; in U. S. Nat. Herb. n. 1649910 conservatum.

Garnotia Mezii Janow. in Mez, Repert. Sp. Nov. Fedde
17: 86. 1921; 18: 27. 1922.

"Schlechter" only, cited in earlier publ.

"Neu-Guinea, Kaiser-Wilhelms-Land (Schlechter
no. 17429, 19542)."

New Guinea

Garnotia mezii var. *Clemensiana* Santos, Nat. & Appl.
Sci. Bull. (Philippine Univ.) 10: 93. 1950.

Specimen typicum legit M. S. Clemens, num. 4878, Jan. 5, 1937, in sylvia spertis supra sonam musco-
rum (alt. 6000 ped?), inter Kaile et Sarawaket, in
regione Morobe, Nova Guinea; in U. S. Nat. Herb.
conservatum (sub num. 1647909), (A); paratypicum,
M. S. Clemens, num. 16018, Mar.-Apr., 1937, Morobe,
inter septentrionum et orientem Novae Guineae (A).

New Guinea

Garnotia mezii var. *longiramosa* Santos, Nat. & Appl.
Sci. Bull. (Philippine Univ.) 10: 93. 1950.

Specimen typicum ex "National Herbarium of Victoria,
Melbourne", legit Sir W. McGregor, num. 74, anno
1894, in regionibus inferioribus Novae Guineae
Britannicae; in U. S. Nat. Herb. conservatum (sub
num. 1128058).

Brit. New Guinea

Garnotia mezii var. *maculata* Santos, Nat. & Appl. Sci.
Bull. (Philippine Univ.) 10: 92. 1950.

Specimen typicum legit C. E. Carr num. 12395, Maio
28, 1933, in saxis ad ripam fluminis per declivita-
tes abruptas sylvarum montuosarum (alt. 1500 ped.)
prope Rouna, in Papua, Nova Guinea; in Herb. Hort.
Bot. Novebor. conservatum.

Garnotia mezii var. *papua* (Ohwi) Santos, Nat. & Appl.
Sci. Bull. (Philippine Univ.) 10: 92. 1950.

Based on *G. papua* Ohwi, Bot. Mag. Tokyo 56: 1.
1942.

[No. 13092 Kanehira-Hatusima--New Guinea.]

Garnotia micrantha Thwaites, Enum. Pl. Zeyl. 363.
1864.

"Hab. Central Province" Ceylon

Garnotia micrantha var. *nana* Stapf in Hook. f. Fl.
Brit. Ind. 7: 244. 1896.

Based on "*Berghausia mutica* var. *nana*, Munro mss."

"Ceylon (C. P. 944)." [Thwaites, Ceylon Plants
944. Acc. to A.C. the C.P. [Ceylon Plants] were all
collected by Thwaites.]

Basis of *G. panicoides* var. *puberula* f. *nana* (Stapf)
Santos

Garnotia mindanaensis Santos, Journ. Washington Acad.
Sci. 33: 135. f. 1. 1943.

"The type is in the herbarium of the University of
Michigan, duplicate type in the U. S. National
Herbarium, collected by H. H. Bartlett, no. 17235,
December 6, 1940, grassland at Del Monte, Bukidnon,
Mindanao Island, Philippines."

"shows some resemblance to *G. stricta* Brongn."

Garnotia mindanaensis var. *longiseta* (Hack.) Santos,
Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 98.
1950.

Based on: *G. stricta* var. *longiseta* Hack. in Kneuck-
er, Allgem. Bot. Zeitschr. 15: 141. 1909.

"Mount Mariveles---Provinz Bataan auf Luzon
(Philippinen)"

Garnotia mindanaensis var. *Ramosii* Santos, Nat. & Appl.
Sci. Bull. (Philippine Univ.) 10: 99. 1950.

Specimen typicum ex "Herb. Philipp. Bus. Sci." num.
13983, legit M. Ramos, in Prov. Cagaynensis, insula
Luzon Philippinensium; in U. S. Nat. Herb. Conser-
vatum (sub num. 714727); paratypica ex Herb. Hort.
Bot. Reg. Kew., legit A. Loher, num. 7185, in in-
sulis Philippinensibus (NH 713847); ex "Philipp. Bus.
Sci." num. 13983, collectore ignoto, in ins.
Philippinensibus (NH 1720219).

Garnotia mindanaensis f. *volcanicola* Santos, Nat. &
Appl. Sci. Bull. (Philippine Univ.) 10: 98. 1950.

Specimen typicum ex ("Philipp. Bus. Sci." num. 75748
...legit M. Ramos et G. Edano, Sept. 1928, ad
"Mayon volcano", in Prov. Albay, insula Luzon
Philippinensium; in Herb. Hort. Bot. Novebor, con-
servatum.

Garnotia mucronata Swallen, Journ. Washington Acad.
Sci. 26: 178. 1936.

"Type in the Herbarium of Bernice F. Bishop Museum,
Hawaii, collected on a high moor, Temihani Plateau,
alt. 700m. Raiatea, Society Islands, Oct. 5, 1934,
by Harold St. John (no. 17295)."

Garnotia mucronata f. *distinota*, Santos, Nat. & Appl.
Sci. Bull. (Philippine Univ.) 10: 52. 1950.

Specimen typicum legit H. St. John, num. 17298, Oct.
5, 1934, in "high moor", "Temihani Plateau" (alt.
600 m.), Raiatea, Society Islands, in Herb. Bish.
Mus. conservatum, isotypicum, NH 1607901.

Garnotia munroana Santos, Nat. & Appl. Sci. Bull.
(Philippine Univ.) 10: 64. 1950.

Specimen typicum ex insulis Feejee (Fiji), ex colle-
ctione "U.S. South Pacific Exploring Expedition under
the command of Capt. Wilkes (1833-1842)", in U. S.
Nat. Herb. conservatum (sub num. 999376); duplicata
in NH (746739) et (G).

Garnotia muricola Santos, Nat. & Appl. Sci. Bull.
(Philippine Univ.) 10: 123. 1950.

Specimen typicum legit A. Meebold, num. 10774, Oct.
1908, in arboribus et muris, ad "Castle Rock", elev.
2000 ped., India australi, in Herb. Hort. Reg. Kew.
conservatum.

Garnotia muricola var. *abuensis* Santos, Nat. & Appl.
Sci. Bull. (Philippine Univ.) 10: 124. 1950.

Specimen typicum legit in "Aboo" (an monte abu?),
Sirchi, Rajputana, in India Centrali, in U. S.
Nat. Herb. conservatum (sub num. 999390).

Garnotia muricola var. *Biswasii* Santos, Nat. & Appl.
Sci. Bull. (Philippine Univ.) 10: 124. 1950.

Specimen typicum ex Herb. Bot. Hort. Calcut. legit
K. Biswas, num. 2167, in Bengal septentrionali, in
Herb. Gray. Univ. Harv. conservatum.

Garnotia muricola var. *subappressa* Santos, Nat. & Appl.
Sci. Bull. (Philippine Univ.) 10: 124. 1950.

Specimen typicum ex Herb. Hackel, legit T. Anderson,
in India Orientali, in U. S. Nat. Herb. conservatum
(sub num. 746738); isotypicum in U. S. Nat. Herb.
(sub num. 999373).

Garnotia mutica (Munro) Druce, Rep. Bot. Soc. Exchange
Club Brit. Isl. Rep. IV. Suppl. 624. 1917.

Based on "*Berghausia mutica* Munro"

Hongkong China

Garnotia nitens Santos, Nat. & Appl. Sci. Bull.
(Philippine Univ.) 10: 127. 1950.

Specimen typicum ex "Botanical Section" (an sectione
botanica musei Bangkokensis?), Bangkok, leg. A.F.G.
Kerr, num. 9956, Jan. 12, 1925, in Kao Lem, Korat,
Siam, in U. S. Nat. Herb. (sub num. 354743)
conservatum.

Glyceria ovatifolia Keng, Claves gram. prim. Sinearum.
173. 1957. nom. nud.

China

Garnotia pahangensis Santos, Nat. & Appl. Sci. Bull.
(Philippine Univ.) 10: 133. 1950.

Specimen typicum ex herb. "Federated Malay States",
legit E. Seimund, num. 435, Feb. 1921, in Kuala
Teku, Pahang, Peninsula malayana, in Herb. Hort.
Reg. Kew. conservatum.

Garnotia pallens (Arn.) Jan. in Mez, Repert. Sp. Nov.
Fedde 17: 86. 1921.

Based on *Berghausia pallens* Arn.

India

Garnotia palniensis Santos, Nat. & Appl. Sci. Bull.
(Philippine Univ.) 10: 150. 1950.

Specimen typicum ex Herb. Bourne, num. 1957, legit
K. Rungachari, Dec. 7, 1898, in Perumbukanal (an
Perambukanal?), Pulney (= Palni), in regione Maduræ
prov. Madras, India Australi; in U. S. Nat. Herb.
(sub num. 1258340) conservatum; isotypicum in Herb.
Hort. Reg. Kew.

Garnotia palniensis var. *seminudata* Santos, Nat. &
Appl. Sci. Bull. (Philippine Univ.) 10: 151. 1950.

Specimen typicum legit L. Anglade, num. 2204, Maio
1921, in Kodaikanal, Montibus Palniensibus, Regione
Maduræ, prov. Madras, India Australi; in Herb.
Hort. Reg. Kew. conservatum.

Garnotia panicoides Trimen, Journ. Bot. Brit. & For.
27: 170. 1889.

"collected by the late W. Ferguson on Cullodan
Estate, Kalutara, probably in 1886."

Ceylon.

Garnotia panicoides var. *puberula* Santos, Nat. & Appl.
Sci. Bull. (Philippine Univ.) 10: 59. 1950.

Specimen typicum ex Thwaites's "Ceylon Plants",
num. 454, in Herb. Gray. Harv. Univ. conservatum.

Garnotia panicoides var. *puberula* f. *nana* (Stapf)
Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.)
10: 59. 1950.

Based on *G. micrantha* var. *nana* Stapf in Hook. f.
Fl. Brit. Ind. 7: 244. 1896.

Garnotia papuana Ohwi, Bot. Mag. Tokyo 56: 1. 1942.

"No. 13092 Kanehira-Hatusima, Waren, on edge of low
spinneys on limestone mountain, alt. 600 m.,
March 26, 1940."

New Guinea

Basis of *G. mezii* var. *papuana* (Ohwi) Santos

Garnotia parvispicula Santos, Nat. & Appl. Sci. Bull.
(Philippine Univ.) 10: 119. 1950.

Specimen typicum legit C. A. Barber, num. 2254, Nov.
6, 1900, in "Sampaji" (Sampaji), Coorg, India Aus-
trali; in U. S. Nat. Herb. (sub num. 999392)
conservatum.

Garnotia patens Stapf in Woodrow, Journ. Bombay Nat.
Hist. Soc. 13: 439. 1901, nom. nud.

"Nandgaon, on trees, Oct."

[India]

Garnotia patula (Munro) Benth. Fl. Hongk. 416. 1861.

Based on "*Berghausia patula* Munro."

China

Garnotia patula var. *grandior* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 102. 1950.

Specimen typicum legit A. Petelot, num. 3839, Nov. 1930, in monte "Tom Dao" (alt. 1000 m.), in Tonkin, Indo-China; in U. S. Nat. Herb. (sub num. 1501605); isotypicum (NY); paratypicum ex herb. "Lingnan Natural History Survey and Museum", legit W. T. Tsang, num. 23326, Dec. 4-6, ad "Se Tze Shan", in regione Waitsap, Prov. Kwangsi, China, (G).

Garnotia patula var. *hainanensis* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 103. 1950.

Specimen typicum legit A. S. Hitchcock 12628, Oct. 13, 1921, in aperto sylvae ca. 25 millaria trans prope flumen Kachekis, Kachek, in Insula Hainanensis, China; in U. S. Nat. Herb. conservatum (sub num. 1106186); isotypicum (NH 1106187, UC 19628); paratypicum ex herb. "Canton Christian College" sub num. 10514, legit F. A. McClure, Oct. 14, 1921, ad sylvas marginem in locis humidis umbrosisque. Tsio Biah (?), in Insula Hainanensis, China (N 920739, 920740).

Garnotia patula var. *hainanensis* f. *similis* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 103. 1950.

Specimen typicum ex herb. "Lingnan Natural History Survey and Museum", legit W. T. Tsang, num. 24301, Sept. 20, 1914, prope "Shap Man Tai Shan, Tang Lung Village", in regione Shang-sze, Prov. Kwangsi, China; in Herb. Hort. Bot. Novebor. conservatum.

Garnotia patula var. *mutica* (Munro) Rendle, Journ. Linn. Soc. Bot. 36: 387. 1904.

Based on *Berghausia mutica* Munro.
= *Garnotia mutica* (Munro) Druce
Hong Kong, China

Garnotia patula var. *partitipilosa* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 103. 1950.

Specimen typicum ex herb. "Lingnan Natural History Survey and Museum" legit W. T. Tsang, num. 22968, Oct. 12, 1933, ad "Lo Yam Shan, in Regione Sun-To, Prov. Kwangsi, China; in Herb. Gray, Univ. Harv. conservatum; paratypicum ex Herb. Universitatis Lingnensis, Num. 14906, testum a collectore ignoto, Kwangtung, China, in Herb. Univ. Cal. conservatum (sub num. 319661).

Garnotia patula f. *sinensis* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 102. 1950.

Specimen typicum legit A. S. Hitchcock num. 18909, Oct. 24, 1921, ad "White Cloud Mountain and Vicinity" Canton, China; in U. S. Nat. Herb. conservatum (sub nu. 1106726); isotypicum (NH 1106727).

China

Garnotia patula var. *strictior* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 103. 1950.

Specimen typicum ex herb. "Lingnan Natural History Survey and Museum", legit W. T. Tsang, num. 24562, Oct. 22-31, 1934, ad Shap Man Tai Shan, Nam She Village in regione Shang-sze, in Prov. Kwangtung, China, in Herb. Hort. Bot. Novebor. conservatum.

Garnotia philippinensis Santos, Journ. Arn. Arb. 25: 94. f. 1. 1944.

"Type in the U. S. National Herbarium (Philip. Bur. Sci. no. 42963), collected from the Island of Bohol, Visayan Islands, Philippines, Aug. -Oct., 1923, by Maximo Ramos."

Garnotia Poilanei A. Camus, Bull. Mus. Hist. Nat. Paris 27: 456. 1921.

"Cambodge: Mont de l'Eléphant (Poilane, n^o 271)."
Cambodia

Garnotia polypogonoides Munro ex Oliver in Hook. Icom. Fl. 51.64, pl. 1481. 1885.

"Hab. East India, Nepal (Wall. Cat. 8884), Sikkim and the N. W. Himalaya; also in Wight's Herbarium unlocalised."

Garnotia purpurascens Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 121. 1950.

Specimen typicum legit G. M. Woodrow, Sept. 6, 1896, in Narel-Kurjat via, Konkam, Bombay, India, in Herb. Hort. Reg. Kew. Conservatum.

Garnotia purpurascens var. *planiuscula* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 122. 1950.

Specimen typicum legit C. A. Barber, num. 2337, Nov. 13, 1900, in Jolpad, Madras, India, in Herb. Hort. Reg. Kew. conservatum.

Garnotia purpurascens f. *subglabra* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 122. 1950.

Specimen typicum ex Herb. Munro, legit T. Thompson, anno 1852, in "Madras Hills", prov. Madras, India, in U. S. Nat. Herb. conservatum (sub num. 555713); paratypicum ex Herb. Ind. Or. Hook. f. & Thompson, legit G. Thompson in montibus Nilghiri et Kurg (Coorg), regione tropicalli, India, in Herb. Hort. Bot. Novebor. conservatum.

Garnotia raiateensis Moore, Bishop Mus. Bull. 102: 18. 1933.

"Field no. 623 A, Feb. 19, 1927, alt. 450 m.; in wet moss near the "hole", Mount Temehani.

French Society Islands
Raiatea - Leeward Isl.

Garnotia rarotongensis Whitney, Occas. Papers Bishop Mus. 13: 77. f. 1. 1937.

"Barotonga: Te Manga, hillsides and ridges, alt. 1,500 ft., June 15, 1927, G. P. Wilder 549 (type, Bishop Museum)."
Polynesia

Basis of *G. Cheesemani* var. *rarotongensis* (Whitney) Santos.

Garnotia sandwicensis Hillebr. Fl. Hawaiian Isl. 513. 1888.

"Molokai: on grassy slopes of the northern shore (Waikolu)."
Hawaiian Islands

Garnotia schmidii Hook. f. Fl. Brit. Ind. 7: 242. 1896.

"Nilghiri Hills, Schmid; Gondaloor Ghat... Lawson." [N. A. Lawson 18, Jan. 14, 1889]

Garnotia scoparia Thwaites, Enum. Fl. Zeyl. 363. 1864.

G. scoparia Thw. valid.

"Hab. Hotter parts of the island." Ceylon

"*Berghausia scoparia* Munro, C.P. 943" [Ceylon Plants] given as syn. not previously published.

Basis of *G. thwaitesii* Stapf, 1896.

Garnotia scoparia Stapf in Hook. f. Fl. Brit. Ind.

7: 242. 1896. Not Thwaites, 1864.

"Stapf mss." given after sp.

"Mysore; at Chitaldrug, Heyne; Mysore & Kurg, G. Thomson."

[Stapf 1896 renamed *G. scoparia* Thw. 1864, as *G. Thwaitesii* and published as new *G. scoparia* Stapf! "*Berghausia scoparia* Munro in Herb. Ind. Or. H. f. & T." not previously published. "*Agrostis scoparia*---ex Wall. Cat. n. 8912" is name only! "*Berghausia elata* Arn." cited by Stapf as syn. is *Garnotia elata* (Arn.) Jan. in 1921.]

Garnotia sechellensis Hubbard & Summerh. Bull. Misc.

Inf. Kew. 1928: 394. 1928.

"Mahé. Delanos and Pérard, at 600 m., 1912, Dupont (type)"

Isl. east of Africa

Garnotia solitaria Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 95. 1950.

Specimen typicum legit O. Degener, num. 15053, Apr. 22-May 7, 1941, in silva, Mt. Ngamo, Ngaloa (Alt. 0-150 m.), Viti Levu, Fiji, in Herb. Gray. Univ. Harv. conservatum isotypicum (NY 2465).

Fiji

Garnotia spadicea Ohwi, Bull. Tokyo Sci. Mus. no. 18: 9. 1947.

"Sumatra (Losir massif in Atjeh, van Steenis, 8479 partim, in Herb. Bogor.)."

Garnotia straminea Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 168. 1950.

Specimen typicum ex Herb. Horti Botanici Regii Calcuttensis, legit L. Anglade, num. 2199, Juli 1921 in Kodaikanal (elev. 7000 ped.), in montibus "Palni" regione Madura Occidentali, Madras, in India Australi; in Herb. Horti. Regi Kewensis conservatum.

Garnotia stricta Brongn. in Duperrey, Bot. Voy. Coquille 26: 133. pl. 24. 1832.

"Ile de Taiti."

Tahiti
Society Islands

Garnotia stricta var. *breviaristata* Stapf ex Hook. f. Fl. Brit. Ind. 7: 243. 1896.

No loc. cited [India]
unknown

Garnotia stricta var. *brevispiculata* Stapf ex Santos, Nat. & Appl. Sci. (Philippine Univ.) Bull. 10: 172. 1950.

error for var. *breviaristata* Stapf q.v.

Garnotia stricta var. *khasiana* Stapf ex Hook. f. Fl. Brit. Ind. 7: 243. 1896.

No loc. cited
unknown

Garnotia stricta var. *longiseta* Hack. in Kneuck. Allg. Bot. Zeitschr. 15: 141. 1909.

"*G. longiseta* Merrill MS." ined. [in Cat. cards]

"Am Mount Mariyeles in der Provinz Batam auf Luzon (Philippinen)"

Basis of *G. mindanaensis* var. *longiseta* (Hack.) Santos.

Garnotia stricta var. *Marianarum* Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 53. 1950.

Specimen typicum legit Peter Nelson, num. 359, Dec. 1918, ad fluminis ripam in collibus prope Piti, Guam, in Herb. Hort. Bot. Novebor. conservatum. Paratypicum, P. Nelson num. 430, Feb. 1919, eodem loco, N. Y.

Garnotia subinvoluta Santos, Nat. & Appl. Sci. Bull. (Philippine Univ.) 10: 147. 1950.

Specimen typicum ex Herb. Peradeniyensi lectum a collectore ignoto, num. 372, Nov. 30, 1926, Talakande State Zeylanica, elev. 4,800 ped.; in U. S. Nat. Herb. (num. 1298847) conservatum.

Ceylon

Garnotia Taquetii Hack. ex Nakai ex Honda, Journ. Fac. Sci. Univ. Tokyo Sect. III. Bot. 3: 306. 1930, as syn. of *Arundinella hirta* var. *aristata* Koidz.

"*Garnotia Taquetii* Nakai ex Matsumura Shokubutsu-Mei I. 2: 179. 1916," cited in above publ. same p., as syn. of *Arundinella hirta* var. *gillista*. In index Kew. this given as nom. nud.

Garnotia taquetii Nakai, Fl. Saishu & Kwan Islands 1914, nom. nud.

no. 221 in list of Gramineae

= *Arundinella*

Korea

Garnotia tectorum Hook.f. Fl. Brit. Ind. 7: 242. 1896.

"Ceylon; in elevated parts of the Island;
Gardner & J."

Garnotia tectorum f. *brachystachya* Santos, Nat. &

Appl. Sci. Bull. (Philippine Univ.) 10: 50. 1950.

Specimen typicum legit A. Maebold, num. 13538, Dec. 1910, ad Devicollam, Travancore, alt. 6000 ped., Madras, India; in Herb. Hort. Reg. Kew. conservatum.

Garnotia tectorum var. *burmensis* Santos, Nat. & Appl.

Sci. Bull. (Philippine Univ.) 10: 50. 1950.

Specimen typicum legit J. H. Lacey, num. 6309, Oct. 1912, inter Mogok et Bernardmyo, alt. 5000 ped. in regione "Ruby Mines", Burma; in Herb. Hort. Reg. Kew. conservatum.

Garnotia tectorum var. *valida* Santos, Nat. & Appl. Sci.

Bull. (Philippine University) 10: 50. 1950.

Specimen typicum legit in palustribus et ripis fluminis in montibus diotis "Anamallays" (Anamalai), alt. 6000 ped., Cochin-Coimbatore, Madras, India; in Herb. Hort. Reg. Kew. conservatum.

Garnotia tenella (Arn.) Jan. in Mez, Repert. Sp. Nov.

Fedde 17: 86. 1921.

Based on "Berghausia tenella Arn."

East India Wight 2599.

Garnotia tenuiglumis Stapf in Hook.f. Fl. Brit. Ind.

7: 242. 1896.

"Chrysopogon muricatus, Herb. Wight, n. 3247. Western Peninsula, Wight." cited.

Garnotia tenuis Santos, Nat. & Appl. Sci. Bull.

(Philippine Univ.) 10: 116. 1950.

Specimen typicum ex montibus "Anamallays" ("Anamalai Hills"), Cochin-Madras, in India Australi. Lectum a collectore ignoto, sine anno, in Herb. Horti. Reg. Kew. conservatum.

Garnotia tenuis Keng, Claves gram. prim. Sinicarum.

207. 1957. nom. nud.

China

Garnotia tenuis var. *angustata* Santos, Nat. & Appl.

Sci. Bull. (Philippine Univ.) 10: 118. 1950.

Specimen typicum ex herb. A. G. Bourne et uxoris, legent in Pallode, Travancore, India Australi, in Herb. Hort. Reg. Kew. conservatum.

Garnotia thomsonii Santos, Nat. & Appl. Sci. Bull.

(Philippine Univ.) 10: 159. 1950.

Specimen typicum ex herb. Ind. Or. Hook fil. et Thomson, legit Thomson in regione tropicali Mysore et Carnatica, Madras, India australi; in herb. Gray. Univ. Harv. conservatum.

Garnotia thwaitesii Stapf in Hook.f. Fl. Brit. Ind.

7: 241. 1896.

Based on "G. scoparia Thwaites" 1864. valid

[Thwaites C.P. 943 (in part)]

Garnotia tortuosa Santos, Nat. & Appl. Sci. Bull.

(Philippine Univ.) 10: 94. 1950.

Specimen typicum ex "Brisbane Botanical Museum and Herbarium", legit S. T. Blake, num. 15003, Jul. 22, 1943, in decolivitibus ad silvae pluvialis margines 10 millibus ad septentrionalis ab "mossman", Bamboo Creek, Cook District, Queensland, Australia; in U. S. Nat. Herb. conservatum (sub num. 1865566).

Garnotia trisetia Hitchc. Lingnan Sci. Journ.

7: 200. 1931.

"Type in the U. S. National Herbarium, no. 1106729, collected in moist shady place along stream on Lohfau Mountain, Kwangtung Province, China, Oct. 28, 1921, by A. S. Hitchcock (no. 19003)."

Garnotia trisetia var. *decumbens* Keng, Sunyatsenia

3: 18. 1935.

"Type in the Herbarium of the National Research Institute of Biology, Academia Sinica, Nanking, China, collected by the side of a stream, Sunyi Kwangtung, Aug. 12, 1931, by C. Wang (no. 31157)."

Garnotia verticillata Santos, Nat. & Appl. Sci. Bull.

(Philippine Univ.) 10: 143. 1950.

Specimen typicum legit M. A. Lawson, No. 17, Nov. 9, 1888, ad Nadavatam, Madras, in Herb. Hort. Reg. Kew. conservatum.

Garnotia villosa Swallen, Journ. Arn. Arb. 31: 143.

1950.

Vitu Levu: Namosi Mt. Korombasambasanga, B. E. Farham 2162 (GH type).

Fiji

Garnotia zelanica Santos, Nat. & Appl. Sci. Bull.

(Philippine Univ.) 10: 108. 1950.

Specimen typicum ex Herbario Peradeniyensi, legit G. H. K. Thwaites, C. P. 28758 (tempore collectionis ignoto) in Zelandia, in U. S. Nat. Herb. conservatum (sub num. 1298694).

[28758 error for 2875 b.]

Garnotiella leptos (Steud.) Stapf, Bull. Misc. Inf.

Kew 1910: 302. 1910.

Andropogon leptos Steud.

= *Asthenochloa tenera* Buse fide Henrard, Nederl. Kruidk. Arch. 1929: 582. 1930.

G. philippinensis Stapf = this.

Garnotiella philippinensis, Stapf in Hook. Ic. Fl.

t. 2494. (1896)

"Hab. Philippine Islands: Miagao, Panay, Vidal (No 3994)."

= *Asthenochloa tenera* Buse

Gastridium australe Beauv. Ess. Agrost. 21, 164.

pl. f. 6. 1812.

[*Milium lendigerum* is only species cited sub *Gastridium* p. 21. *Gastridium australe* in index p. 164]

= *Gastridium ventricosum* Man: U. S.

Gastridium australe Beauv. var. *muticum* Rouy, Fl.

France 14: 74. 1913.

"G. lendigerum var. *muticum* Gaud." cited.

France

Gastridium australe "forma or var." *rigidum* Sennen &

Maurio. Cat. Fl. Rif Oriental 126. 1934.

"En las propiedades del Dr. Linares----mas robusta."

Morocco

Gastridium laxum Boiss. & Reut. Pugill. Fl. Nov.

126. 1852.

"Hab. in Hispania australi propè Gades (Cabrera in herb. Haenseler)."

Gastridium lendigerum (L.) Desv. Obs. Angers 48. 1818.

Based on "*Milium lendigerum* Linn."

= G. *ventricosum*

Man. U. S.

Gastridium lendigerum var. *aristatum* Ducommun. Taschenb.

Schweiz. Bot. 853. 1869.

[Switzerland]

Gastridium lendigerum var. *aristatum* Rouy ex Douin

in Bonn. Fl. Compl. 11: 144. 1927-32.

of. same Ducommun. 1869.

[Europe]

Gastridium lendigerum var. *laxum* (Bss. & R.) Richter,

Fl. Europ. 1: 47. 1890.

Based on *Gastridium laxum* Boiss. & Reut.

Europe

Gastridium lendigerum var. *longearistatum* Schweinf.

Bull. Herb. Boiss. 2: App. 2, 30. 1894.

"Æth. Col. Eritrea", coll. Schweinfurth.

= G. *phleoides* (Nees & Meyen) C. E. Hubbard.

Gastridium lendigerum var. *muticum* (Guenth) Mut. Fl.

Fr. 4: 36. 1837.

Based on G. *muticum* [Guenth.] Spr.

France

Gastridium lendigerum var. *muticum* Gaud. ex Douin in

Bonn. Fl. Compl. 11: 144. 1927-32.

[Europe]

Gastridium lendigerum var. *persicum* Pav. Trab. Museo

Nacional Cienc. Nat. Bot. 14: 44. 1918.

"Gotvand," Persia

Gastridium lendigerum ssp. *soabrum* Douin in Bonn. Fl.

Compl. 11: 144. 1927-32.

Based on *Gastridium soabrum* Presl; *Milium soabrum* Guss.

Sicily

Gastridium lendigerum var. *soabrum* (Presl) Fiori, Fl.

Anal. Ital. 1: 61. 1896.

Presumably based on G. *soabrum* Presl.

Sicily

Gastridium littorale Dur. ex Parl. Fl. Ital. 1: 178.

1848, as syn. *Triplachne nitens* Link.

= *Triplachne nitens*

Gastridium muticum Guenth. in Spreng. Nov. Prov. 20.

[1819.]

"*Milium muticum*. Hort. berol. Habitat in Sicilia, unde semina Freselius Fragensis Günthero Wratistaviensi misit."

Sicily

Gastridium nitens (Guss.) Coss. & Dur. ex Coss. in

Ann. So. Nat. IV. 1: 229. 1854; Coss. & Dur. Expl. Sci. Alger. 2: 68. 1854 (1855)*

Based on *Agrostis nitens* Guss.

*Stearn says sheets 1-15 (i.e. pp. 1-120) printed between Oct. 1854 and Apr. 1855.

= *Triplachne nitens*

Gastridium oblongum De Coinoy. Journ. de Bot. 13: 338. 1899.

Coinoy in Morot, Journ. de Bot. 13: 338. 1899. as cited by C. E. Hubbard

"Hab. Plasencia (Prov. de Cáceres); Juin 1887."
Spain

Gastridium phleoides (Nees & Meyen) C. E. Hubb. Kew Bull. 1954: 375. 1954.

Based on *Laachnagrostis phleoides* Nees & Meyen
Chile

Gastridium scabrum Presl, Fl. Sioul. 44. nomen; Cyp. et Gram. Sic. 21. 1820.

"Hab. in arvia incolitis Panormi."
Sicily

Gastridium scabrum var. *ambiguum* Maire & Weiller, Fl. Afr. Nord 2: 145. 1953.

(*G. muticum* Dur., Atl. Expl. So. Alg. tab. 40, f.3)

Gastridium scabrum var. *ambiguum* Maire & Weill. ex Cuénod, Fl. Tunisie 88. 1954. See 1953.

"VM: Sidi el Karfahi (Roux)."
Tunis.

Gastridium scabrum var. *aristatum* Rouy, Fl. France 14: 75. 1913.

Alpes - Maritimes; Var.
France

Gastridium scabrum var. *eu-scabrum* Maire & Weiller, Fl. Afr. Nord 2: 145. 1953.

Gastridium scabrum var. *eu-scabrum* Maire & Weill. ex Cuénod, Fl. Tunisie 88. 1954.

Gastridium siculum Trin. Gram. Unifl. 168. 1824.

Based on "*Gastr. scabrum* Presl Gr. Sicily."

Gastridium triaristatum Dur. in Duch. Rev. Bot. 2: 424. 1846.

"Hab. les sables maritimes herbeux: Oran, Arzew, Mostaganem." Algeria
= *Triplachne nitens*

Gastridium ventricosum (Gouan) Schinz & Thell. Viertelj. Nat. Ges. Zürich 58: 39. 1913.

Based on "*Agrostis ventricosa* Gouan."
France Man. U. S.

Gastridium ventricosum f. *genuinum* Maire & Weiller, Fl. Afr. Nord 2: 143. 1953.

Gastridium ventricosum var. *laxum* (Boiss. & Reut.) Hayek, Repert. Sp. Nov. Fedde Beih. 303: 335. 1932.

Based on *Gastridium lendigerum* var. *laxum* Boiss. & Reut. [*Gastridium laxum* Boiss. & Reut.]
Hispania australi prope Gades (Cabrera in Herb. Haenseler)

Gastridium ventricosum var. *persicum* Pau, Trab. Mus. Nat. So. Nat. 1918.

Gastridium ventricosum var. *scabrum* (Presl), Fiori, Icon. Fl. Ital. ed. 2. 26, fig. 193! 1921.

Based on *Gastridium scabrum* Presl
Sicily

Gastridium vestitum Spreng. Neue Entdeck. 2: 36. 1821.

Based on *Gastridium australe* Beauv.
Europe

Gaudinia affinis Gandog. Oesterr. Bot. Zeitschr. 31: 112. 1881.

Gallia, Rhône, in pratibus pone Alix (Gandoger)

Gaudinia avenacea Beauv. Ess. Agrost. Expl. Planches. 13, pl. 19, fig. 5. 95 (1812).
Old World.

Gaudinia bicolor Gandog. Oesterr. Bot. Zeitschr. 31: 112. 1881.

Gallia, Sarthe, in campis ad Saint Longis (L. Chevallier).

Gaudinia biebersteinii Trin. Mém. Acad. St. Pétersb. VI. Sci. Nat. 23: 21. 1836. not in Ind. Kew, see Trin. Bull. So. Acad. Petersb. 1 (1836).

"V. spp. Taur. Iber. Armen."
(= *Ventenata maera*)

Gaudinia biloba Gandog. Oesterr. Bot. Zeitschr. 31: 110. 1881.

Roma, in maceris ad Panisperna (De Notaris).

Gaudinia castellana Gandog. Oesterr. Bot. Zeit. 31: 112. 1881.

Hispania in arenosis mont. Carpetan ad El Escorial, Madrid, alt. 3000' (M. Laguna)

Gaudinia coarctata Th. Dur. & Schinz. Consp. Fl. Afr. 5: 845. 1894.

Based on "*Arthrosethys* - Link"
= *Avena geminiflora* Kunth.
Ins. Azores

Gaudinia colorata Gandog. Oesterr. Bot. Zeit. 31: 112. 1881.

Italia, in herbosis circa Florence (E. Levier).

Gaudinia conferta Gandog. Oesterr. Bot. Zeitschr. 31: 111. 1881.

Baleares, inter Mercadal et Tornells insul. Minorque (Rodriguez).

Gaudinia eriantha Gandog. Oesterr. Bot. Zeitschr. 31: 83. 1881.

"Exs. Paillot, Fl. Sequaniae exs. Nr. 396! parte."
Gallia, Doubs, circa Besancon et in Gallia austr. (Paillot.)

Gaudinia filiformis Albert in Magnier Sorin Fl. select. 6: 120. 1887.

France

Not verified, cited by Aschers. & Graeb. p. 308, *Gaudinia fragilis* var. *filiformis*. Sorinia florae selectae 1: 22.
Not in Washington

Gaudinia fragilis (L.) Beauv. Ess. Agrost. 95, 153, 164. 1812.

Based on *Avena fragilis* L.
Reg. Mediterranean

Gaudinia fragilis Szovits ex Ledeb. Fl. Ross. 4: 416. 1853, as syn. *Avena maera* Stev. See 1812.

"Szovits! pl. exs."
ssp. *eufragilis* Maire.

U.S.S.R. Asia

Gaudinia biebersteinii Trin. cited as syn.

Gaudinia fragilis var. *filiformis* Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 308. 1900.

G. filiformis Albert

Provence bis La Furlède, Hyères, Forquerolles.

Gaudinia fragilis ssp. *geminiflora* Maire, Bull. Soc. Hist. Nat. Afr. Nord (Alger) 22: 321. 1931.

"Sidi Yahia, Mamora"....récolte de M. Duclulier
[Morocco]

See same Batt. & Trab. 1918.

Gaudinia fragilis var. *geminiflora* Batt. & Trab. Bull. Soc. Hist. Nat. Afr. Nord. 9: 17. 1918.

Morocco, North Africa

Gaudinia fragilis var. *linearis* Albert ex Lojac. Fl. Sioul. 3: 384. 1909.

"Albert l.o."
Europe

Gaudinia fragilis var. *pubescens* "Guss." ex Lojac. Fl. Sioul. 3: 384. 1909.

var. credited to "Guss. l.o." ["l. p. 60"]
Sicily

In Guss. Fl. Sic. Prodr. 1: 131. 1827 is *Avena fragilis* L. --- "b. spica pubescente"

Gaudinia geminiflora Gay, in ex Kunth, Rev. Gram. 1: 103. 1829; as syn. *Avena geminiflora* (Gay) Kunth same "Gay, mss. --- Patria ?" Kunth, Enum. Fl. 1: 303. 1833, as syn. of "*Avena geminiflora* Kunth, Gram. 103. 299. t. 61." [Kunth, Gram 2: 299. pl. 61. 1830.]
Publ. only as syn.

Gaudinia gracilescens Gandog. Oesterr. Bot. Zeit. 31: 112. 1881.

Italia, in pascuis circa Rome (Reimbois).

<p><i>Gaudinia maroccana</i> Trabut in Pitard, Explor. Sci. Maroc, I. Bot. (1912) 1: 117. 1913. 1912 Kew Ind.</p> <p>"Maroc occidental: El Hank, près Casablanca. Sur les petites falaises herbeuses de la zone maritime." aff. <i>Gaudinia fragilis</i></p>	<p><i>Gaudinia stenostachya</i> Gandog. Oesterr. Bot. Zeitschr. 31: 83. 1881.</p> <p>Galloprovincia, Var, Le Cannet (Henry).</p>	<p><i>Germainia capitata</i> Bal. & Poitr. Bull. Soc. Hist. Nat. Toulouse 7: 344. with pl. 1873.</p> <p>"Saigon, dans les terrains sablonneux arides." "recueillie en Cochinchine par M. Rodolphe Germain."</p>
<p><i>Gaudinia maroccana</i> var. <i>glabriglumis</i> Maire, Bull. Soc. Hist. Nat. Afriq. Nord 20: 41. 1929.</p> <p>"récoltées par nous [Maire] ou par nos excellents amis et collaborateurs Faure, Jahandiez et Weiller dans diverses parties de l'Afrique du Nord, particulièrement au Maroc et dans le Sahara central." [from introd.]</p> <p>"A type (var. <i>glabriglumi</i> Maire, n. nov.)" differt glumis et glumellis pilis plus minuscule adpressis villosis--a var. name for the species itself.</p>	<p><i>Gaudinia tenuis</i> (Moench) Trin. Mém. Acad. St. Pétersb. VI. Sci. Nat. 24: 21. 1836.</p> <p>Based on "Trisetum tenue R. et S." p. 657, this on <i>Avena tenuis</i> Moench, Meth. 195. 1794.</p> <p><i>Gaudinia todaroi</i> Gandog. Exs. Todaro Fl. Sicul. exs. Oesterr. Bot. Zeitschr. 31: 111. 1881.</p> <p>Sicilia circa Palerme (Todaro)</p>	<p><i>Germainia flosculosa</i> (F. Muell.) C. E. Hubb. Kew Bull. Misc. Inf. 1934: 445. 1934.</p> <p>Based on <i>Anthistiria flosculosa</i> F. Muell. Australia</p> <p><i>Germainia khasyana</i> Hack. in Oest. Bot. Zeitschr. 41: 50. 1891.</p> <p>"Ind. or. Khasya: Nartung 4000' leg. C. B. Clarke nr. 44830; Pooriung (nr. 42558)."</p>
<p><i>Gaudinia maroccana</i> var. <i>hirtiglumis</i> Maire, Bull. Soc. Hist. Nat. Afriq. Nord 20: 41. 1929.</p> <p>"Hab. in rupestribus arenaceis maritimis Imperii Marocani austro-occidentalis ad promontorium Soloin (Cap. Cantin) cum typo (Jahandiez et Maire, 1924)."</p>	<p><i>Gaudinopsis macro</i> (Stev.) Eig, Repert. Sp. Nov. Fedde 26: 77, pl. 74. 1929.</p> <p>Based on <i>Avena macro</i> Stev. in M.-Bieb. Iberia, Georgia, Caucasus</p>	<p><i>Germainia lanipes</i> Hook. f. Fl. Brit. Ind. 7: 163. 1896.</p> <p>"Tenasserim, Helfer." India</p>
<p><i>Gaudinia multiolmis</i> Gandog. Oesterr. Bot. Zeitschr. 31: 111. 1881.</p> <p>"Exs. Paillot, Fl. Sequan Nr. 396: parte." Gallia, Doubs prope Besançon (J. Paillot) et in Gallia merid."</p>	<p><i>Gaudinopsis macro</i> var. <i>quercetorum</i> (Boiss.) Eig, Repert. Sp. Nov. Fedde 26: 77. 1929.</p> <p>Based on <i>Ventenata quercetorum</i> Boiss. Phrygiae---Balansa</p>	<p><i>Germainia schmidiana</i> A. Camus, Bull. Mus. Hist. Nat. Paris, ser. 2. 29: 186. 1957.</p> <p>Centre Viet-nam: Ba-Ngoi, au sud de Nha-trang, Schmid 2349.</p>
<p><i>Gaudinia neglecta</i> Gandog. Oesterr. Bot. Zeit. 31: 112. 1881.</p> <p>Gallia centr., in pascuis, dép. la Loire (Seytre).</p>	<p><i>Genea fasciculata</i> (Presl) Dumort. Etude Agrost. Michel. Class. Gram. 67. 1868.</p> <p>Presumably based on <i>Bromus fasciculatus</i> Presl. Sicily</p>	<p><i>Germainia Thorelii</i> A. Camus, Bull. Mus. Hist. Nat. 25: 287. 1919.</p> <p>"Laos: rivière d'Ubon (Thorel)." So. Asia</p>
<p><i>Gaudinia orientalis</i> Gandog. Oesterr. Bot. Zeitschr. 31: 111. 1881.</p> <p>Asia Minor, in incultis per Anamour Cilicis (A. Péronin).</p>	<p><i>Genea madritensis</i> (L.) Dumort. Etude Agrost. Michel. Class. Gram. 67. 1868.</p> <p>Presumably based on <i>Bromus madritensis</i> L.</p>	<p><i>Oligochilon polonicum</i> (L.) Seidl in Bercht. & Seidl, Oechtechn. Fl. Bohm. 1: 425. 1836; as synonym of <i>Triticum polonicum</i> L. Bohemia</p>
<p><i>Gaudinia pallida</i> Gandog. Oesterr. Bot. Zeitschr. 31: 111. 1881.</p> <p>Italia, in herbosis circa Florence (E. Levier).</p>	<p><i>Genea maxima</i> (Roth) Dumort. Etude Agrost. Michel. Class. Gram. 67. 1868.</p> <p>Presumably based on <i>Bromus maximus</i> Roth [1802, not Gilib. 1792.] Portugal</p>	<p><i>Oliganthochloa albo-ciliata</i> (Munro) Kurz, Prelim. Rep. For. Veg. Pegu App. A. 136; App. B. 93. 1875. (See also Kurz, For. Fl. Brit. Burma 2: 555. 1877)</p> <p>Based on <i>Oxytenanthera albociliata</i> Munro Burma</p>
<p><i>Gaudinia planiculmis</i> Beauv. Exs. Agrost. 95, 154, 164. 1812.</p> <p>[Schrader.] Based on <i>Avena planiculmis</i> Schreb. Willd. Willd. gives Schrader as author. Willd. Enum. Pl. of. Heliototrichon</p>	<p><i>Genea rigens</i> (L.) Dumort. Etude Agrost. Michel. Class. Gram. 67. 1868.</p> <p>Presumably based on <i>Bromus rigidus</i> L.</p>	<p><i>Oliganthochloa andamanica</i> (Kurz) Kurz, Prelim. Rep. For. Veg. Pegu App. A. 137; App. B. 93 in clavi. 1875. (See also: Kurz, For. Fl. Brit. Burma 2: 556. 1877)</p> <p><i>Bambusa andamanica</i> Kurz Andaman Isl. East Indies</p>
<p><i>Gaudinia pluriflora</i> Gandog. Oesterr. Bot. Zeitschr. 31: 110. 1881.</p> <p>Gallia, Bouches-du-Rhône ad La Mède prope Martigues (Autheman). Not in Ind. Kew</p>	<p><i>Genea rigida</i> (Roth) Dumort. Etude Agrost. Michel. Class. Gram. 67. 1868.</p> <p>Presumably based on <i>Bromus rigidus</i> Roth. Europe</p>	<p><i>Oliganthochloa apus</i> (Schult.) Kurz, Tijdschr. Nederl. Ind. 27: 226. 1864.</p> <p>Based on <i>Bambusa apus</i> Schult. Java</p>
<p><i>Gaudinia pubiglumis</i> Gandog. Oesterr. Bot. Zeitschr. 31: 82. 1881.</p> <p>"Exs. Reimbolte Iter ital. Nr. 1648 ex parte!" Italia pone Rome (Reimbolte)</p>	<p><i>Genea sterilis</i> (L.) Dumort. Etude Agrost. Michel. Class. Gram. 67. 1868.</p> <p>Presumably based on <i>Bromus sterilis</i> L. Europe</p>	<p><i>Oliganthochloa aspera</i> (Schult.) Kurz in Teysm. & Binn. Cat. Hort. Bogor (1866) 20, nom. nud.; Ind. Forest. 1: 221, 251, 266. 1875.</p> <p>Based on <i>Bambusa aspera</i> Schult., this based on <i>Arundarbor aspera</i> Rumpf. [pre-Linn.] hort.</p> <p>See letter from Hubbard with Types <i>Dendrochloa</i></p>
<p><i>Gaudinia rigida</i> Gandog. Oesterr. Bot. Zeit. 31: 112. 1881.</p> <p>Gallia, ad Le Cannet, Var (Henry)</p>	<p><i>Genea tectorum</i> (L.) Dumort. Etude Agrost. Michel. Class. Gram. 67. 1868.</p> <p>Presumably based on <i>Bromus tectorum</i> L. Europe</p>	<p><i>Oliganthochloa atter</i> Kurz, Tijdschr. Nederl. Ind. 27: 226. 1864, without descr.</p> <p>"Bambusa atter Hassk." cited. There is no B. atter. Presumably <i>Bambusa Thouarsii</i> var. <i>atter</i> Hassk. intended.</p>

Gigantochloa auriculata (Kurz) Kurz, Prelim. Rep. For.
Veg. Pegu App. A. 137; App. B. 94 in Clavi. 1875.
(See also Kurz, For. Fl. Brit. Burma 2: 557. 1877.
Based on *Bambusa auriculata* Kurz.
Burma, Assam

Gigantochloa cochinchinensis A. Camus, Bull. Mus.
Hist. Nat. (Paris) 26: 567. 1920; Bull. Mus. Hist.
Nat. (Paris) 28: 381. 1922.

"Cochinchine: (Poiiane), coll. Chevalier."

Gigantochloa compressa Parker, Ind. Forest. 54: 98,
with pl. 1928.

"Ngawan reserve, common on low hills, also on the
Yamgwa klong, district Mergui. Parker nos. 2624,
2629, 2633, 2641 and 2726."

[Burma]

Aff. *G. Wrayi* Gamble

Gigantochloa Hasskarliana (Kurz) Backer in Heyne, Nutt.
Fl. Ned.-Ind. ed. 2. 1: 299. 1927.

Based on *Schizostachyum Hasskarlium* Kurz

Gigantochloa heteroclada Stapf, Journ. Linn. Soc. Bot.
42: 190. 1914.

"Mensangau...undergrowth in sec. forest...3039."

Gigantochloa heterostachya Munro, Trans. Linn. Soc.
26: 125. 1868.

"Hab. in Malacca," prope Ayer Punas, circa domum.
Griffith. v.s."

Gigantochloa ? kathaensis E. G. Camus, Bamb. Monogr.
141. 1913.

"Montagnes de Katha....(Messer an. 1904)."

"Wanet; monts Kaohin, district de Bhamo...."

Gigantochloa Kurzii Gamble, Ann. Bot. Gard. Calcutta
7: 65. 1896; in Hook.f. Fl. Brit. Ind. 7: 399.
Dec. 1896, same basis.

"Coasts of Southern Burma and the Malay Peninsula:
collected in Tenasserim by Kurz on his last voyage
in January-February 1878."

[Parker (Indian Forester 57: 108. 1931) says field
work proves this to be = *G. apus* (Schult.) Kurz]

Gigantochloa latifolia Ridley, Fl. Malay Pen.
5: 262. 1925.

"Hab. Pahang, Kwala Teku, Jahan River (Seimund
368)."
Malay Penins.

Gigantochloa latispiculata Gamble, Ann. Bot. Gard.
Calcutta 7: 67. 1896; in Hook.f. Fl. Brit. Ind.
7: 400. Dec. 1896.

"Malaya: collected by Mr. Alwis, in Malacca, in
1886 for the Singapore Botanic Garden."

Gigantochloa levis (Blanco) Merr. Amer. Journ. Bot.
3: 61. 1916.

Based on *Bambus levis* Blanco
Philippines

Gigantochloa ligulata Gamble, Ann. Bot. Gard. Calcutta
7: 67. 1896; in Hook.f. Fl. Brit. Ind. 7: 400.
Dec. 1896.

"Malaya: collected at Kuala Wok in Perak by L. Wray,
Jr. (no. 845) and by H. N. Ridley at Kivala Pahan
in Pahang in 1891 (no. 5597)."

Gigantochloa macrostachya Kurz, Journ. Asiat. Soc.
Bengal 42: 251. 1873.

"Martaban, Tenasserim."

Burma

Gigantochloa maxima (Lour.) Kurz, Tijdschr. Nederl.
Ind. 27: 226. 1864.

Based on *Bambusa maxima* Foir., this based on
Arundo maxima Lour.

Cochin-China

Gigantochloa maxima var. *major* Kurz in Teyss. & Binn.
Cat. Hort. Bogor. 20. 1866, nom. nud.

Java

Gigantochloa maxima var. *minor* Kurz in Teyss. & Binn.
Cat. Hort. Bogor. 20. 1886, nom. nud.

Java

Gigantochloa merrilliana Elmer, Leaf. Philippine
Bot. 1: 273. 1908.

"7283 A.D.E. Elmer," Jan. 1906.

"Palo, Province of Leyte, Leyte."

Philippines

Gigantochloa ? mogaungensis E. G. Camus, Bamb. Monogr.
141. 1913.

"Tabindaing, Burm.--Maugang forests, Birmanie
supérieure (Oliver, 1895)."

Burma

Gigantochloa multiculmis A. Camus, Bull. Soc. Bot.
France 76: 769. 1929.

Laos: Km. 28, route de Pakse à Pakson, pr. Bassac.,
terres rouges, alt. 550 m. (Poiiane, no. 16009)."

Indo China

Gigantochloa nigroociliata (Buse) Kurz, Tijdschr.
Nederl. Ind. 27: 226. 1864.

Based on *Bambusa nigroociliata* Buse

Malaya

Gigantochloa novo-guineensis Rendle in Gibbs, Contr.
Phytog. & Fl. Arfak Mts. 199. 1917.

"Hab. Manokoesari, open cultivated slopes above
"campong", 100'. Jan. 6270 a & b. [Gibbs, coll.]
---Humboldt Bay, beyond "campong" in the open and
along stream. Jan. 6266 a & b."

[Dutch N. W. New Guinea]

Gigantochloa ridleyi Holtum, Gardners' Bulletin
(Singapore) 15: 275. 1956.

"Type: cult. Hort. Bot. Singap., lawn W, leg. J. L.
Pestana in Herb. Singap. et Kew."

"The plant from which the type specimen was taken was
brought by Ridley from Province Wellesley to Singa-
pore, at a date not recorded.---now "large clump
and in more than 40 years has not been known to
flower.---The original plant in Province Wellesley
was in a village, not wild, and probably came from
further north,---"

Gigantochloa robusta Kurz, Indian Forester 1: 344, 354.
1876.

Malaya

Gigantochloa Scortechinii Gamble, Ann. Bot. Gard.
Calcutta 7: 62. 1896; in Hook.f. Fl. Brit. Ind.
7: 398. Dec. 1896.

"Malay Peninsula, collected by the late Rev. Father
Scortechinii, also by H. Kunstler, Dr. King's
collector, at Ulu Kerling and Ulu Selangore in 1886
(no. 8572)."

Gigantochloa scribneriana Merr. Philippine Journ.
Sci. Bot. 1(Suppl.): 390. 1906.

Collected by F. Lamson-Scribner, 14, Oyo,
Philippines.

Gigantochloa ? tekserah E. G. Camus, Bamb. Monogr.
141. 1913.

"Tekserah; monts de Garo (Mamm an 1889)."

Assam

Gigantochloa ? toungooensis Brandis, Sug. Reg. For.
Adminstr. Brit. Burma 141. 1881; E. G. Camus
Bamb. Monogr. 140. 1913.

"Karen hills south-east of Tongoo (D. B. Feb. 1880)"

British Burma

Gigantochloa verticillata (Willd.) Munro, Trans. Linn.
Soc. 26: 124. 1868.

Based on "*Bambusa verticillata* Willd."
"teste hb. Willd. no. 7007"
"exol. syn. Lour. et Rumph"

Java

Gigantochloa wallichiana Kurz in Teijsm. & Binn. Cat.
Hort. Bogor 20. 1866, nom. nud.

Java

Gigantochloa ? Wanet E. G. Camus, Bamb. Monogr. 141.
1913.

"Wanet,--Shewgu Birmanie supérieure (Pocock an.
1902)."

Gigantochloa Wrayi Gamble, Ann. Bot. Gard. Calcutta
7: 64. 1896; in Hook.f. Fl. Brit. Ind. 7: 399.
Dec. 1896.

"Malaya: collected at Bukit Gantang, Perak, by L.
Wray...in May 1888."

Gigantochloa ? wumthoensis E. G. Camus, Bamb. Monogr.
141. 1913.

"Birmanie supérieure, forêts vers 170 M. d'altitude"
Burma

Gigantochloa ? yunzalinensis Brandis, Sug. reg. Forest.
Adminstr. Brit. Burma 151, 153, 156, 157. 1881;
E. G. Camus, Bamb. Monogr. 141. 1913.

Burma

Gilgichloa alopecuroides Peter, Repert. Sp. Nov.
Fedde Beih. 40: (Anhang 92), pl. 52, fig. 1. 1930;
298. 1931.

"D O Afr., Ugogo: Dodoma B[er]g bei Dodoma"

"Specimina authentica: Peter 33068"

Tanganyika

Gilgichloa indurata Pilger, Bot. Jahrb. Engler 51:
416, f. 1. 1914.

"Deutsch-Ostafrika: Ugogo, Humwa (Sperling, B. L.
Institut Amani n. 5319)."

Tanganyika

Ginannia lanata (L.) Hubbard, Rhodora 18: 234. 1916.

Based on *Holcus lanatus* L.

Man. U. S.

Europe

"Elbufer bei Harburg."

Glyceria aquatica ssp. *nervata* (Willd.) Douin in
Bonn. Fl. Compl. 12: 24. 1927-32.

Based on *Poa nervata* Willd.

= *Glyceria striata* (Lam.) Hitchc. Man. U. S.

Glyceria aquatica var. *scabra* Peterm. Fl. Lips. 89.
1838.

"in horto Trieriano, in prato Vogelwiese."
Leipso, Germany

Glyceria aquatica var. *tenuiflora* Grun. Bull. Soc.
Nat. Moscou 42: 136. 1869.

"Ad Konkam flumen infra Wesselaja;"
[Rossiae australis]

Glyceria aquatica triflora Opiz, Sezn. Rostl. České
48. 1852, without descr.

"G. spectabilis Seidl." cited.
Europe

Glyceria aquatica var. *triflora* Korsh. Acta Hort.
Petrop. 12: 418. 1892. Not Opiz 1852.

"Hab. in Stagnis prope Iwanowskoje inter sejam et
Burejam"
[Russia. Asia]

Glyceria aquatica ssp. *umbrosa* Junge, Nederl. Kruidk.
Arch. 1919: 319. 1920.

[Netherlands]

Glyceria aquatica var. *vulgaris* Grun. Bull. Soc. Nat.
Moscou 42: 136. 1869, without descr.

"Frequens locis inundatis ad Konkam et hio illis ad
ripas reg. demissae ad Borysthenem."

Rossiae australis]

[Borysthenes = Dnieper]
Europe

Glyceria arctica Hook. Fl. Bor. Amer. 2: 248. pl. 229.
1840.

"Arctic sea-coast. Dr. Richardson."

Basis of *Puccinellia arctica* (Hook.) Fern.

Glyceria arctica var. *capillaris* Lange, Consp. Fl.
Greenland [Medd. Grøn. 3]: 169. 1880.

"Karusuk v. Godthaab (Rink)."
[Greenland]

Glyceria arctica var. *dasyantha* Lange, Consp. Fl.
Greenland [Medd. Grøn. 3]: 169. 1880.

"Kugsuk 1 Baals Revier (V.)!"
Greenland

Glyceria arctica var. *laxa* Lange, Consp. Fl.
Greenland [Medd. Grøn. 3]: 169. 1880.

Greenland

Glyceria arkansana Fernald, Rhodora 31: 49. 1929.

"Arkansas: common in swamp, Varner, Lincoln County,
April 29, 1898, B. F. Bush, no. 9, as *Panicularia*
fluitans (type in Gray Herb.)."

Man. U. S.

Glyceria ? *arundinacea* (M.-Bieb.) Kunth, Rev. Gram.
1: 118. 1829. [see Fries comb. 1839.]

Based on "*Poa arundinacea* Marsch.-Bieb."

Russia

Glyceria arundinacea (Liljeb.) Fries, Nov. Kl. Suec.
Mant. 2: 8. 1839 [See Kunth comb. 1829.]

Based on *Festuca arundinacea* Liljeb. 1798. [not
Schreb 1771]

"Longe recentior est *Poa arundinacea* M. B. [Bieb.]
[1808] quam Cel. Kunth cum dubitatione ad hoc genus
ducit"....

Glyceria australasica Steud. Syn. Fl. Glum. 1: 286.
1854.

"Drummond coll. IV. nr. 387. M. Holl."

Basis of *Eragrostis australasica* (Steud.) C. E.
Hubb.

Glyceria australis Hubbard, Kew Bull. Misc. Inf. 1934:
450. 1934.

New South Wales: ...Port Jackson, Brown 6296 (type)."
Australia

Glyceria baltica Lindeb. Bot. Not. 1898: 152. 1898.

[Lindman (Bot. Notiser 1917: 77-80) says this is
Puccinellia maritima]

Scandinavia

Glyceria baltica var. *setacea* Lindeb. Bot. Not. 1898:
153. 1898.

Scandinavia

Glyceria baltica var. *vegetior* Lindeb. Bot. Not.
1898: 153. 1898.

Scandinavia

Glyceria baumgarteniana Schur, Enum. Fl. Transsilv.
781. (sp. delend.) 1866.

"= *Poa maritima* Bmg. herb. ejus Transs. (Species
incerta!)"

Rumania

Glyceria borealis (Nash) Batchelder, Proc. Manchester
Inst. 1: 74. 1900.

Based on "*Panicularia borealis* Nash, Bull. Torr.
Cl. XXIV, 348.)"

Man. U. S.

Glyceria borrieri Bab. in Smith & Sowerby, Suppl. Engl.
Bot. 3: pl. 2797. 1843.

"Gathered by Mr. Borrer at Gosport."

England

= *Puccinellia fasciculata* Man. U. S.

Glyceria borrieri var. *humilis* Marshall, Journ. Bot.
Brit. & For. 32: 149. 1894.

"Port Victoria, 16." Kent, England

= *Puccinellia*

Glyceria borrieri var. *islandica* Lange, Consp. Fl.
Greenland [Medd. Groenl. 3]: 298. 1887.

Cites: *G. maritima* var. *virescens* consp. Fl.
Greenl. p. 169.

"Amitsok, Frederiksdal (Berl.), Igaliko (Vahl)
Juliamshaab (Holbøll): Cap. Egede (Korn.) Sukker-
toppen (W. og H.)"

[E. Warming og Th. Holm] Ujaragsarsuk (Vahl)
[Greenland]

= *Puccinellia*

X *Glyceria borrieri* X *maritima* Druce, Brit. Fl. List
Bj. 2. 132. 1928, without description.

"= Burdoni Dr." only cited.

= *Puccinellia*

Glyceria borrieri var. *multiflora* Bég. Bull. Soc. Bot.
Ital. 1908: 57. 1908.

"Malta, III 1889: Armitage (Hb. gen. rom.)"---
[Isl. Mediterr.]

= *Puccinellia*

Glyceria borrieri var. *parviflora* Bég. Bull. Soc. Bot.
Ital. 1908: 56. 1908.

"---Sicilia e da Malta: Girgenti ai Macalubbi:
Gussone (Hb. centr. it., sub: *Poa permixta* Guss.---"
Italy

Puccinellia

Glyceria borrieri var. *pseudoprocumbens* Corb. ex Druce,
List Brit. Fl. 83. 1908.

No basis nor description given.

= *Puccinellia*

Glyceria borrieri var. *Scamieri* Bég. Bull. Soc. Bot.
Ital. 1908: 57. 1908.

Based on "*G. festucaeformis* Scam. in Bull. Soc.
Bot. Ital., 1900, p. 211."

Italy

Puccinellia

Glyceria borrieri var. *typica* Bég. Bull. Soc. Bot.
Ital. 1908: 55. 1908.

§ *Atropis*

Based on *G. borrieri* Bab., presumably.

= *Puccinellia* England

Glyceria ? *brevifolia* (Muhl.) Schult. Mant.
2: 387. 1824.

Based on "*Festuca brevifolia* Muhlent."

= *Triplasis purpurea* Man. U. S.

Glyceria bulbosa Buckl. Proc. Acad. Phila. 1862: 95.
1862.

"Columbia Woods, Nuttall."

= *Helicta geyeri* Man. U. S.

X *Glyceria Burdoni* Druce, Rep. Bot. Exch. Club Brit.
Isles 8(1928): 877. 1929.

"Named after Prebendary R. J. Burdon, who was with
me when it was found in Sussex."

Based on "*G. borrieri* X *maritima*"

England

Glyceria californica Beetle, Madroño 8: 161. 1946.

"Farewell, Tulare County, California, altitude 10,000 to 11,000 feet, C. A. Purpus 2057 (type, Herbarium of the University of California, no. 121966)"

= *Glyceria erecta* Man. U. S.

Glyceria canadensis (Michx.) Trin. Mém. Acad. St. Pétersb. VI. Math. Phys. Nat. 1: 366. 1830.

Based on "*Briza canadensis* Michx." [1803]
Canada Man. U. S.

Glyceria canadensis var. *laxa* (Scribn.) Hitchc. Amer. Journ. Bot. 21: 128. 1934.

Based on *Panicularia laxa* Scribn.
Man. U. S.

Glyceria canadensis var. *parviflora* Fernald, Proc. Portl. Soc. 2: 91. 1895, nom. nud., as syn. of *G. laxa* Scribn.

[Maine]

= *G. canadensis* var. *laxa* Man. U. S.

Glyceria canbyi Scribn. Bull. Torrey Club 10: 77. 1883.

"Cascade Mountains, Washington Terr. Frank Tweedy and T. S. Brandages, August 1882."

= *Poa canbyi* Man. U. S.

Glyceria capillaris (Liljeb.) Wahlb. Fl. Gothob. 17. 1820.

Based on "*Festuca capillaris* Liljebld."
Scandinavia

Glyceria caspia Trin. Mém. Acad. St. Pétersb. VI. Sci. Nat. 2: 57. 1836.

"V. spp. e Talüsch. (In fruticetis montium sterilium)."

Glyceria catabrosa (L.) Klett. & Richt. Fl. Leipzig 96. 1830.

Based on "*Catabrosa aquatica* Beauv."; this based on *Aira aquatica* L.

= *Catabrosa aquatica* Man. U. S.

Glyceria conferta Fries, Nov. Fl. Suec. Mant. 2: 10. 1839.

"In limosis pinguibus scaniae v. c. ad Broby prope diversorum Ingelstorp, jam 1812 collegi [An hujus alia forma in agris ad Landskrona a Düben lecta?]"

Sweden

Glyceria conferta ssp. *pseudodistans* (Crepin) P. Fourn. Quatre Flores France ed. 2. 64. 1946.

Based on *Glyceria pseudodistans* Crepin
France

"S.E." [sous espèce-subspecies]

Glyceria convoluta Fries, Mant. 3(Add.): 176. 1842.

"Fries. Sibir. or. an *Poa convoluta* Horn.? only citation"

Glyceria convoluta ssp. *festucaeformis* (Host) Douin in Bonn. Fl. Compl. 12: 24. 1927-32.

Based on *G. festucaeformis* Heydn.; this based on *Poa festucaeformis* Host.

= *Puccinellia*

Glyceria convoluta ssp. *tenuifolia* (Boiss. & Reut.) Douin in Bonn. Fl. Compl. 12: 25. 1927-32.

Based on *G. tenuifolia* Boiss. & Reut.
Spain - Algeria

Glyceria cookei Swallen, Journ. Washington Acad. Sci. 31: 348. f. 1. 1941.

"Type in the herbarium of the U. S. National Arboretum, no. 98480, collected in a wet place on alluvial gravel in the Box Canyon of the Sacramento River near Mount Shasta City, Calif., altitude 3,000 feet, July 12, 1940, by William Bridge Cooke (no. 15312)."

= *G. declinata* Brébise, France. Man. U. S.

Glyceria debilior (Trin.) Kudo, Journ. Coll. Agr. Hokkaido 11: 74. 1922.

Based on *Glyceria aquatica* var. *debilior* Trin. [ex Fedtsch., nom. nud.]

[see *G. aquatica* var. *debilior* Trin. ex Fedtsch. 1915]

Glyceria debilior var. *karafutensis* Ohwi, Acta Phytotax. & Geobot. 10: 130. 1941.

"Hab. Saghalien, leg. J. Ohwi, n. 3459---Typus."
Japan

"*Glyceria karafutensis* Ohwi, in schedulis" cited

Glyceria declinata Bréb. Fl. Norm. ed. 3. 354. 1859; Bull. Soc. Royale de Bot. de Belgique 86: 30. pl. 3 1953.

Cites: "*G. fluitans* var. *pumila* Fries"

"Lieux marécageux inondés, Marais de Briouze (Orne) et forêt de Cinglais, près les Moutiers (Calvados)."

France Man. U. S.

Glyceria delawarica (Link) Heynh. Nom. 1: 360. 1840.

Based on *Poa delawarica* Link

Delaware

= *Puccinellia fasciculata* Man. U. S.

Glyceria denticulata Dum. Obs. Gram. Belg. 107. 1823.

Based on "*Glyceria fluitans* Beauv." error,

[Beauv. Ess. Agrost. 96, cites "*Festuca fluitans* Lin." under *Glyceria*, but does not make the combination.]

Europe

Glyceria depauperata Ohwi, Bot. Mag. Tokyo 45: 381. 1931.

"*G. fluitans* var. *leptorhiza* (non Maxim.) Hack. Bull. Herb. Boiss. (1904) p. 525." cited.

"Hab. Hondo; in fossis Akita (Faurie n. 5599-Typus)...."

"aff. *G. septentrionalis* Hitchc. & *G. borealis* Batoh."

Japan

Glyceria depauperata var. *infirmis* (Ohwi) Ohwi, Acta Phytotax. & Geobot. 11: 181. 1942.

Based on *G. infirma* Ohwi
[*G. fluitans* (non R. Br.) Honda]

"Hab. Hondo; in orizetis prope Toky (Faurie n. 4485)."

Glyceria distans (L.) Wahl. Fl. Upsal. 36. 1820.

Based on *Poa distans* L.

Europe

= *Puccinellia distans* (L.) Parl. Man. U. S.

Glyceria distans var. *angustifolia* Elytt, Norges Fl. 136. 1861.

Scandinavia

= *Puccinellia*

Glyceria distans var. *arctica* (Hook.) Oelert ex Simm. Rep. IL. Norweg. Arctic Exp. Fram. 1898-1902 No. 2. 158. 1906.

Based on *Glyceria arctica* Hook.

= *Puccinellia arctica* (Hook.) Fern.

Arctic seacoast (Richardson)

Arctic Amer.

Glyceria distans var. *arenaria* Wahl. Fl. Suec. 1: 60. 1824.

"Retz, fl. scand. Supl. 1. p. 4, Prodr. scand. ed. 2. p. 23. Fl. Dan. t. 251. Wahlb. lapp. n. 60. (*P. maritima*)," cited.

"...infra Gothlandiam et Sudermanniam, sed maris occidentalis usque ad Nordlandiam Norvegiae."

Norway

Glyceria distans var. *borrerii* (Bab.) Fiori, Nuov. Fl. Anal. Ital. 1: 132. 1923.

Based on *Glyceria borrerii* Bab.

= *Puccinellia fasciculata*

Glyceria distans var. *brigantiaea* (Chaix) Zapal. Conspect. Fl. Galic. Crit., Rozpr. Wydz. Mat.-Przyr. Akad. Umiejetn. Krakow III. 4, B. 169. 1904. Aug. 11, without descr.

"Chaix (pro sp.)"

[Galicia, Poland]

= *Puccinellia*

Glyceria distans var. *capillaris* (Wahlb.) Reichenb. Icon. Fl. Germ. Helv. 1: pl. 79. f. 1610. 1834, without descr.

Presumably based on: *Glyceria capillaris* Wahlb., since "Wahlb." is given after variety.

Germany - Switzerland

= *Puccinellia*

Glyceria distans var. *capillaris* Hartm. Handb. Skand. Fl. ed. 5. 294. 1849.

Scandinavia

= *Puccinellia*

Glyceria distans ssp. *conferta* (Fries) Hook. f. Stud. Fl. Brit. Isles 446. 1870.

Based on *Glyceria conferta* Fries

= *Puccinellia*

Glyceria distans var. *convoluta* (Hornem.) Regel, Acta Hort. Petrop. 7: 623. 1881.

Based on *Atropis convoluta* (Hornem) Griseb., this based on *Poa convoluta* Hornem.]

= *Puccinellia*

Glyceria distans (L.) Wahlb. var. *convoluta* Boiss. ex Hook.f. Fl. Brit. Ind. 7: 347. 1896.

error for *Atropis distans* var. *convoluta* Boiss. [that based on *Glyceria convoluta* Fries]

India

= *Puccinellia*

Glyceria distans var. *convoluta* (Fries) Fiori, Nuov. Fl. Anal. Ital. 1: 133. 1923.

Based on *Glyceria convoluta* Fries.

[This on *Poa convoluta* Horn.]
see (Hornem) Regel 1881.

Siberia

Puccinellia

Glyceria distans var. *convoluta* var. *festucaeformis* Coss. & Dur. f. *viridiflora* Kuntze, Act. Hort. Petrop. 10: 251. 1887.

Baku

= *Puccinellia*

Glyceria distans var. *convoluta* f. *poeilantha* (Koch) Kuntze, Act. Hort. Petrop. 10: 251. 1887.

Based on *Festuca poeilantha* Koch only "(sp. G. Koch)" cited.

= *Puccinellia*

Glyceria distans var. *festucaeformis* (Host) Fiori, Nuov. Fl. Anal. Ital. 1: 133. 1923.

"*Puccinellia* Parl. (1850)" cited; this based on *Poa festucaeformis* Host.

see (Host) Regel 1881.

= *Puccinellia*

Glyceria distans var. *festucaeformis* (Host) Regel, Act. Hort. Petrop. 7: 624. 1881.

Based on "*G. festucaeformis* Heynh. in Reichenb., this based on *Poa festucaeformis* Host.

= *Puccinellia*

Glyceria distans var. *glauca* Regel, Act. Hort. Petrop. 7: 623. 1881.

"In Kokania non procul a Katti-kurgan ad canalem (O. Fedtschenko)."

Central Asia

= *Puccinellia*

Glyceria distans var. *gussonei* (Parl.) Fiori Nuov. Fl. Anal. Ital. 1: 133. 1923.

Based on *Puccinellia gussonei* Parl.

Europe

= *Puccinellia gussonei*

Glyceria distans var. *maritima* (Nert. & Koch) Fiori, Fl. Anal. Ital. 1: 89. 1908.

X *Glyceria distans* *maritima* Druce, Brit. Fl. List Ed. 2. 131. 1928, without descr.

= *Puccinellia*

Glyceria distans var. *miliacea* (Vill.) Druce, Rep. Bot. Exch. Club Brit. Isles 8(1926): 141. 1927; Brit. Fl. List ed. 2. 131. 1928.
"(tenuifolia Gren. & Godr.)" cited.

"Par, Cornwall Journ. Royal Institute, Cornwall 111. 1926." [(Rouy) given in () after name]

"forts de Briançon" France

= *Puccinellia*

Glyceria distans var. *minutula* (Husnot) Jahandiez ex Douin in Bonn. Fl. Compl. 12: 26. 1927-32.

Based on *Atropis distans* var. *minutula* Husnot; *Glyceria minutula* Foucaud. [this latter name cited by Husnot but not in Cat.]

= *Puccinellia*

Glyceria distans var. *parlatorei* (Bég.) Fiori, Nuov. Fl. Anal. Ital. 1: 133. 1923.

Based on *Glyceria parlatorei* Bég.

Italy

Glyceria distans var. *pinguis* Anderss. Fl. Scand. Gram. Fasc. 2: 54. 1852.

Scandinavia

= *Puccinellia*

X *Glyceria distans* X *procumbens* Druce, Brit. Fl. List Ed. 2. 131. 1928, without descr.

"= *pseudo-procumbens* (Wolley-Dod)." only cited.

England

= *Puccinellia*

Glyceria distans var. *prostrata* Beeby, Scott. Nat. n. ser. 4: 38. 1889.

"Scattered abundantly over the stony shore of Hildasay Island, about the landing place."

[Shetland Islands] Beeby Coll.

= *Puccinellia*

Glyceria distans var. *pseudo-procumbens* Wolley-Dod, Journ. Bot. Brit. & For. 33: 84. 1895.

"I found the variety abundantly by the edge of the towing-path of the canal between Higham near Gravesend, and the bridge where the Port Victoria railway crosses it; also (more sparingly) by two or three ditches in Plumstead marshes, always with *G. distans* & *P. procumbens*. I have sent specimens for distribution to the Botanical Exchange Club."

[Superficial aspect of *P. procumbens*, but Hackel did not think it a hybrid.]

= *Puccinellia* England

Glyceria distans var. *pulvinata* Fries, Nov. Fl. Suec. Mant. 2: 11. 1839.

"Herb[arium] Norm[alia] V. n. 90"

Scandinavia

= *Puccinellia*

Glyceria distans var. *pulvinata* Blytt, Norges Flora 136. 1861. Not Fries 1839.

Scandinavia. "Den anden Varietet har jeg samlet ved Christiania og ved Throndhjem."

= *Puccinellia*

Glyceria distans var. *reptans* Hartm. Handb. Skand. Fl. ed. 5. 294. 1849.

Scandinavia

= *Puccinellia*

Glyceria distans var. *salina* Fuss. Fl. Transsylv. Excurs. 737. 1866.

= *Puccinellia*

Glyceria distans var. *tenuiflora* Gren. & Godr. Fl. France 3: 536. 1855.

"a Briançon."

France

= *Puccinellia*

Glyceria distans var. *temuor* Reichenb. Fl. Germ. 1: 45. 1830, without descr.

"*G. capillaris* Wahlb." cited.

[Germany]

= *Puccinellia*

Glyceria distans var. *tenuis* Uechtritz in Crépin, [Notes Fl. Bar. Belg. 229. 1865] Mem. Cour. Acad. Belg. 18: 7. 1866.

"récoltés autour de Breslau"

[Prussia, Germany]

= *Puccinellia*

*copied from Fernald, Rhodora 18: 13. 1916, but not verified. This reprint not in Agr. Libr. 1865 for reprint is correct, fide Miss Warner. See C.D.N.'s date cards.

Glyceria distans var. *typica* Fiori, Nuov. Fl. Anal. Ital. 1: 132. 1923.

Glyceria distans var. *vaginata* (Lange) Gelert ex

Simm. Rep. II. Norweg. Arctic Exp. Fram. 1898-1902 No. 2. 158. 1906.

Based on *G. vaginata* Lange

= *Puccinellia*

Greenland borealis ad Tesseraut, Qmenak (Vahl)

Glyceria distans var. *variegata* Opiz, Seman. Hostl. Česk. 48. 1852. nom. nud.

Glyceria dives (F. Muell.) F. Muell. ex Benth. Fl. Austral. 7: 659. 1878.

Based on *Festuca dives* F. Muell.

Glyceria Drummondii (Steud.) C. E. Hubb. Kew Bull. Misc. Inf. 1934: 450. 1934.

Based on *Parrotieranthus Drummondii* Steud.

"Drummond Coll. IV. 390 N. Hall"

Australia

Glyceria dulcis (Salisb.) Holmberg, Bot. Not. 1919: 97. 1919.

Based on *Poa dulcis* Salisb. [this based on *Aira aquatica* L.] which = *Catabrosa aquatica* (L.) Beauv.

Europe

Glyceria dusenii Lindb. Bot. Not. 153. 1898.

"Ol. Torslund...Färjestaden."

Scandinavia

= *Puccinellia maritima* fide Lindb. Bot. Notiser 1917: 77-80.

Glyceria effusa Kitagawa, Bot. Mag. Tokyo 51: 152. f. 2 1937.

"Hab. Manshurica: Prov. Lung-Chiang: In stagnis circa T'ai-an... (M. Kitagawa Jul. 27, 1935--Type)"

Manchuria

Glyceria elata (Nash) Hitchc. in Jepsom, Fl. Calif. 1: 162. 1912.

Based on "*Panicularia elata* Nash."

Montana, Flodman 176. Man. U. S.

- Glyceria elongata* (Torr.) Trin. Mém. Acad. St. Pétersb. VI. Sci. Nat. 20: 58. 1836.
Based on "*Poa elongata* Torr." ex Spreng. 1821, as syn. *Poa torreyana* Spreng.
= *Glyceria melicaria* Man. U. S.
- Glyceria erecta* Hitchc. in Jepson, Fl. Calif. 1: 161. 1912. Yosemite, Calif. Hitchc. 32504.
Panicularia erecta Hitchc. Amer. Journ. Bot. 2: 309. 1915. Based on *Glyceria erecta* Hitchc. *Glyceria californica* Beetle, Madrono 8: 161. 1946. Tulare Co. Cal. Purpus 2057.
Terreyochloa erecta Church, Amer. Journ. Bot. 36: 163. 1949. Based on *Glyceria erecta* Hitchc. *Terreyochloa californica* Church, Amer. Journ. Bot. 36: 163. 1949. Based on *Glyceria californica* Beetle.
- Glyceria expansa* Crep. Mém. Cour. Acad. Belg. 18: 206, 209. 1866.
[probably published in Notes Fl. Rar. Belg. 1865 reprint]
"Atropis distans var. festucaeformis Coss et Dr. in Expl. sc. Alg. Bot. II. p. 141." cited.
"Hab. Pâturage salés autour du lac Miserghin près d'Oran (Algérie-Durien de Maisonneuve)." *Puccinellia*
- Glyceria explanata* Lindb. Bot. Not. 1898: 151. 1898.
"Hafstränd....n. Hall. vid Gotskar; ex Boh. Styrsö, Käns, ...Göteb...Boh. Nösundskilen på Orust." Scandinavia
= *Puccinellia*
- Glyceria fernaldii* (Hitchc.) St. John, Rhodora 19: 76. 1917.
Based on *G. pallida* var. *Fernaldii* Hitchc. Maine Man. U. S.
- Glyceria festucaeformis* (Host) Heynh. ex Reichenb. Fl. Germ. Excurs. 45. 1830.
Based on *Poa festucaeformis* Host. Austria
= *Puccinellia*
- Glyceria festucaeformis* Schur, Enum. Fl. Transsylv. 780. 1866, as syn. of *Atropis intermedia* Schur. Not Heynh, 1830. Italy
= *Puccinellia*
- Glyceria festucaeformis* "Heyn." ex Somm. Bull. Soc. Bot. Ital. 211. 1900, nom. nud. Not Heynh, 1830?
a name only in list of "Flora dell Eiba." Italy
= *Puccinellia*
- Glyceria festucaeformis* "Herb. Rabat." ex Lindb. Acta Soc. Sci. Fenn. n. ser. B. 13: 22. 1932, as syn. of *Puccinellia embergeri* Lindb. Not Heynh. Morocco
= *Puccinellia*
- Glyceria festucaeformis* var. *convoluta* (Hornem.) Bég. Bull. Soc. Bot. Ital. 1908: 62. 1908.
Based on "*Poa convoluta* Hornem." "Hort. Hafn." [Cult. Copenhagen?] *Puccinellia*
- Glyceria festucaeformis* var. *hibernica* Druce, Rep. Bot. Soc. Exchange Club 1914: 174. 1915.
"Strangford Lough, Co. Down, Aug. 1909." Ireland
Puccinellia?
- Glyceria festucaeformis* var. *sardoa* Bég. Bull. Soc. Bot. Ital. 1908: 64. 1908. Italy?
Puccinellia
- Glyceria festucaeformis* var. *typica* Bég. Bull. Soc. Bot. Ital. 1908: 60. 1908. Italy?
= *Puccinellia*
- Glyceria festucaeformis* var. *violacea* Sommer, Bull. Soc. Bot. Ital. II. 2: 51. 1895.
"Montis Argentarii in Maremma." Italy
= *Puccinellia*
- Glyceria flava* Scribn. ex Farwell, Mich. Acad. Sci. Rep. 6: 203. 1904, as syn. of *Panicularia pallida* var. *flava* Farwell.
= *Glyceria pallida* Man. U. S.
- Glyceria flavescens* Jones, Bull. Univ. Mont. Biol. Ser. 15: 17. pl. 2. 1910.
"Gathered at Swan Lake Aug. 24, 1908." Univ. Mont. Biological Station, Bigfork, Montana. [Jones 9697] *Glyceria grandis* Man. U. S.
- Glyceria fluitans* (L.) R. Br. Prodr. Fl. Nov. Holl. 1: 179. 1810.
Based on "*Festuca fluitans* L." Europe Man. U. S.
- Glyceria fluitans* var. *acutiflora* Doell, Fl. Baden 1: 170. 1857.
"*Festuca fluitans* L." cited.
[Doell accepts *G. fluitans* R. Br. as *G. fluitans*, *Festuca fluitans* L. as var. *acutiflora*.] Europe
- Glyceria fluitans* var. *ascendens* Wahl. Fl. Suec. 1: 60. 1824.
"Retz, Scand. ed. 2. p. 24. Vet. Ac. Handl. 1769. p. 245 (neo *F. elongata* Ehrh.)" cited.
"Scaniae locis siccioribus ex gr. in Stenbyhällar parociae Benestad (Fries)." Scandinavia
- Glyceria fluitans* var. *angustata* Vasey ex Fernald, Proc. Portland Soc. Nat. Hist. 2: 91. 1895.
"Violette Brook, Van Buren (M. L. Fernald)" Maine
= *G. borealis* Man. U. S.
- Glyceria fluitans* var. *angustifolia* Beck, Fl. Nieder-Osterr. 1: 92. 1890. Austria
- Glyceria fluitans* f. *colorata* Maire, Fl. Afr. Nord 3: 108. 1955.
"Panicule et anthères violacées" entire description. North Africa
"rare: M. Moyan Atlas a Ras el Ma"
- Glyceria fluitans* var. *declinata* (Bréb.) Hook.f. Stud. Fl. Brit. Isles ed. 3. 494. 1884.
Based on "*G. declinata* Bréb." Man. U. S.
- Glyceria fluitans* f. *elatior* Zapal. Conspect. Fl. Galic. Crit., Rozpr. Wydz. Mat.-Przyr. Akad. Umiejtn. Krakow III. 4, B. 169. 1904. Aug. 11.
"Zwierzyńiec pod Krakowem (Krupa)." Poland
Only descr.: "culmus 1.15 m. altus, folia 6mm. lata."
- Glyceria fluitans* ssp. *eu-fluitans* Hack. in Briq. Fl. Cors. 1: 147. 1910.
= *G. fluitans* (L.) R. Br. Europe
- Glyceria fluitans* ssp. *eu-fluitans* var. *pedicellata* (Towns.) Syme in Sowerby, Engl. Bot. ed. 3. 1873.
Based on *G. pedicellata* Towns. England
- Glyceria fluitans* var. *fallax* K. Wein, Repert. Sp. Nov. Fedde 9: 389. 1911.
"--des Harzes" Germany
- Glyceria fluitans* var. *festuacea* Fries, Nov. Fl. Suec. Mant. 2: 7. 1839.
Cites: "*Festuca fluitans* Linn. Curt!"
"Haec in stagnis V. C. Smolandiae occ. frequ., ubi prior numquam obvia." Sweden
- Glyceria fluitans* var. *festuacea* subv. *pumila* Fries, Nov. Fl. Suec. Mant. 2: 8. 1839.
Cites "Wimm. & Grabousk, Fl. Sil. 1: 71. Herb. Norm. V. n. 93." Sweden
- Glyceria fluitans* var. *festuacea* subv. *triticea* Fries, Nov. Fl. Suec. Mant. 2: 7. 1839.
"Herb. Norm. V. n. 92." Sweden
- Glyceria fluitans* ssp. *fluitans* (L.) Hook.f. Student's Fl. Brit. Isl. 445. 1870. Europe
- Glyceria fluitans* ssp. *fluitans* subv. *triticea* (Fries) Litard, Arch. de Bot. 3: 7. 1929.
Based on "*G. fluitans* var. *triticea* Fries" [Should be Anderss.] which is based on *G. fluitans* = *festuacea* b. *triticea* Fries.

Glyceria fluitans var. *genuina* Coss. & Dur. Expl. Sci. Alger. 2: 143. 1855.*

Cites in Synonymy:

"*Glyceria fluitans* Fries" and others; none in Cat. [doubtless as used by Fries et al.]
"Festuca fluitans Schreb. Gram. I. v. 3."

"Hab. In Algeria nondum visa."

* Acc. to Stearn sheets 16-20 (i.e. pp. 121-241 [err. by Stearn for 240]) Vol. 2 betw. Apr. 1855 and Oct. 1855.

✓ 20 error by Stearn for 30

Glyceria fluitans var. *integra* Dum. ex Glück, Susswass. Fl. Mitteleur. ed. 2. Hft. 15: 144. 1936, as syn. of *Glyceria plicata* Fries.

The above was published as *G. integra* (Host) Dum.; given here as syn.

Europe

Glyceria fluitans var. *islandica* Löve, Act. Hort. Gotoburg 20: 186. 1956.

"these differences are small and have to be carefully measured"---p. 187.

Iceland

Glyceria fluitans var. *latifolia* Beck, Fl. Nieder-Osterr. 1: 92. 1890.

"im Wiener Prater. VI - IX."

Vienna, Austria

Glyceria fluitans "? var." *leptorrhiza* Maxim. Mém. Acad. St. Pétersb. Sav. Étrang. 9: 320. 1859.
[author questions "? var."]

"Hab. Am untern Amur: Chache, auf nassem Lehm Boden; oberhalb der Ussuri-Mündung (Maack)." coll.

East Siberia

Glyceria fluitans var. *loliacea* Hartm. Handb. Skand. Fl. ed. 5. 292. 1849.

Scandinavia

Glyceria fluitans var. *loliacea* (Huds.) Aschers. Fl. Brand. 1: 850. 1864. Not Hartm. 1849.

Based on *G. loliacea* Huds. [Godr.] which is based on *Festuca loliacea* Huds.

Glyceria fluitans var. *loliacea* (Fries) Zapal. Consp. Fl. Galio. Crit., Rozpr. Wydz. Mat.-Przyr. Akad. Umiejetn. Krakow III. 4, B. 169. 1904. [Aug. 11.] No descr.

Presumably based on *Glyceria loliacea* Fries

"Fries (jako spec.). Zakopane-Skibówki (Kotula), Cygany (Brook) Brody (Kloeber)." cited.

Poland

Glyceria fluitans var. *maritima* S. F. Gray, Nat. Arr. Brit. Fl. 2: 125. 1821.

[Great Britain]

Glyceria fluitans var. *obtusiflora* Sond. Fl. Hamburg. 57. 1851.

"in Gräben"

Germany

Glyceria fluitans var. *pedicellata* (Towns.) Husnot, Gram. Fr. Belg. 47. 1899.

Based on *G. pedicellata* Towns.

England

Glyceria fluitans [ssp.] *plicata* Fries, Nov. Fl. Suec. Mant 2: 6. 1839.

"? *Glyceria* (fluitans) *plicata*" [error? for fluitans *plicata*,* date of fluitans being 1810, that for *plicata* 1839.]

Based on *G. plicata* Fries 1839. ---in *maritima* ad Varberg."

Sweden

Glyceria fluitans ssp. *plicata* (Fries) Quénod, Fl. Tunisie 131. 1954.

Based on *G. plicata* Fries.

Scandinavia

Glyceria fluitans var. *plicata* (Fries) Griseb. in Ledeb. Fl. Ross. 4: 391. 1853; made ssp. by Douin in Bonn. Fl. Compl. 12: 24. 1927-32; same basis.

Based on *G. plicata* Fries

Scandinavia

Glyceria fluitans ssp. *plicata* f. *medians* Maire, Fl. Afr. Nord 3: 108. 1955.

"Panicule vert clair; anthères violacées." entire description

"rare: M. Grand Atlas---" North Africa

Glyceria fluitans ssp. *plicata* f. *normalis* Maire & Weiller, Fl. Afr. Nord 3: 108. 1955.

"Panicule vert clair puis paille; anthères jaune-clair"---entire description.

North Africa

Glyceria fluitans var. *plicata* subv. *spicata* (Cuss.) Coss. & Dur. Expl. Sci. Alger. 2: 143. 1855. ✓

Based on *Glyceria spicata* Cuss.

Sicily

*See Stearn on Dates --Sheets 16-20 (i.e. pp. 121-241 [error by Stearn for 240]) Vol. 2 betw. Apr. 1855 and Oct. 1855.

✓error by Stearn for 30.

Glyceria fluitans ssp. *plicata* var. *subspicata* Parnell ex Syme in Sowerby, Engl. Bot. ed. 3. 11: 98. 1873.

England. Scotland. Ireland

Glyceria fluitans var. *poseiformis* Fries, Nov. Fl. Suec. Mant. 2: 7. 1839.

"In regionibus campestribus v. o. Scaniae, sed nobis rara. Videtur australior."

Sweden

Glyceria fluitans var. *praeformis* Fries ex Fedtsch. Bull. Jard. Bot. Pierre Grand 14 (Suppl. 2): 82. 1915, nom. nud.

U. S. S. R. ?

Glyceria fluitans var. *pumila* Wimm. & Grab. Fl. Siles. 1: 71. 1827.

"in fossa. Gros Herlitz bei Troppau (Mayer)."

Silesia. Germany

Glyceria fluitans var. *pumila* Fries ex Anders. Fl. Scand. Gram. Fasc. 2: 51. 1852. Not Wimm. & Grab. 1827.

"H[erb.] N[orm] V. 93." Scandinavia

"Herbario Normali Florae Scandinaviae"

[Anders. gives it thus: "*G. fluitans* var. *pumila* (Fr. H. N. V. 93)."] This is evidently *exsiccatæ*.]

Glyceria fluitans ssp. *spicata* (Cuss.) Maire in Jah. & Maire, Cat. Fl. Maroc. 1: 68. 1931.

Based on *G. spicata* Cuss.

Sicily

Glyceria fluitans var. *spicata* (Cuss.) Trabut, Bull. Soc. Bot. France 34: 394. 1887.

Based on "*G. spicata* Cussone"

Sicily

Glyceria fluitans var. *spicata* Husnot, Gram. Belg. 48. 1899.

Based on *G. spicata* Cuss. ex Gren. & Godr.

Sicily

Glyceria fluitans var. *stricta* Desv. Gram. Chile 6: 390. 1853.

"Quillota (Bertero, no. 1240)." type coll. T Chile

Glyceria fluitans var. *subspicata* G. Meyer, Chloris Hanov. 629. 1836, without descr.

"Firstentum Lüneburg: bei Celle, Langenbrück, Lüneburg, Hanstedt, hier auch die Spielart, auf Hoheschaar."

[Germany]

Glyceria fluitans var. *subspicata* Cogniaux, l'Herb. Olum. Belg. fasc. II, no. 155; Thiel. Bull. Soc. Bot. Belg. 12: 202. 1873.

"A Hennuyères (Hainaut) (Cogniaux)."

[Belgium]

Glyceria fluitans var. *terrestris* S. F. Gray, Nat. Arr. Brit. Fl. 2: 125. 1821.

[Great Britain]

Glyceria fluitans var. *triticea* (Fries) Anders. Fl. Scand. Gram. Fasc. 2: 51. 1852.

Based on *G. fluitans* var. *festuacea* subv. *triticea* Fries.

Herb. Norm. V. n. 92.

[*G. fluitans* var. *triticea* Blytt, Norges Fl. 134. 1861--Same as Fries Blytt says, "*Fries* l.o. et Herbar. Norm. cit."]

Scandinavia

Glyceria fluitans var. *triticea* M. T. Lange ex Druce, List Brit. Fl. 82. 1908, without descr. Not Fries, 1852.

Glyceria fluitans var. *typica* Fiori, Nuov. Fl. Anal. Ital. 1: 132. 1923.

Europe

Glyceria fluitans var. *vivipara* S. P. Smith, Nat. Arr.
Brit. Fl. 2: 125. 1821.

[Great Britain]

Glyceria fluitans var. *loliacea* Huds. ex Borbás,
Math. Termesz. Közlem. 15: 329. 1878.

"(O. racemosa Kittel Taschenbuch I. p. 109.)"

Glyceria fordeana (F. Muell.) F. Muell. Fragm. Phyt.
Austr. 8: 130. 1873; as syn. *Poa fordeana*; Benth.
Fl. Austral. 7: 557. 1878.

Based on *Poa fordeana* F. Muell, 1873.

Australia

Glyceria formosensis Ohwi, Acta Phytotax. & Geobot.
2: 164. 1933.

"Hab. Formosa: Nokogoe in Karenkocho (J. Ohwi
n. 3193)."

Glyceria Foucaudi Coste, Fl. France 3: 608. 1906.

Based on "Atropis Foucaudi Hack." ex Foucaud.

Glyceria fuegiensis Speg. Anal. Mus. Nac. Buenos Aires
5: 91. 1896.

"Hab. In piscinis et ad margines rivulorum non
rara: Punta Arenas; Sarmiento Fjord; Iandagáia."
[Plantae per Fuegiam a Carolo Spegazzini anno 1882
collectae]

Glyceria fulva (Trin.) Fries, Summa Veg. Scand. 244.
1846.

Based on *Poa fulva* Trin.

= *Arctagrostis*

Alaska

V. spp. e simu Eschholz fret. Kotzebue

Glyceria X guttinenensis Bowden, Canadian Journ. Bot.
38: 126. 1960. "hybr. nov."

"(*Glyceria melicaria* X *G. striata*)"

"Voucher specimens: Quebec: Cyt. no. 1857---east of
Gatineau Park road, 3.3 miles north of Hardley---
W. M. Bowden & W. G. Dore 125-55; 2n = 30 det. on
2 clones from same patch; 1857 C 1, holotype; C 2,
isotype. Cyt. no. 2545---"

Glyceria glaucescens (R. A. Phil.) Benth. Journ.
Linn. Soc. Bot. 19: 116. 1881.

Based on *Catabrosa glaucescens* R. A. Phil.

Chile

Glyceria glumaris (Trin.) Griseb. in Ledeb. Fl. Ross.
4: 392. 1853.

Based on *Poa glumaris* Trin.

Siberia

Glyceria gracilis Palibine, Bull. Jard. Bot. St.
Petersb. 3: 46. 1903, nom. nud.; Bull. Jard. Bot.
St. Petersb. 6: 183. 1906, nom. nud.

"Krestowaja." U.S.S.R.

= *Glyceria Vahlana* Th. Fries, fide Palibine

Glyceria grandis S. Wats. ex A. Gray, Man. Bot. ed. 6.
667. 1890.

"(G. aquatica of American authors.)--Wet grounds,
N. Eng. to western N. Y., Mich., Minn. etc. west-
ward."

"[Dr. Robinson writes that there is at the Gray
Herbarium only one sheet upon which Watson wrote the
name *G. grandis*. This sheet has 2 specimens, one
Saskatchewan, Bourgeau, the other Quebec, Munro.
A.S.H.]

Quebec, Munro, in 1858 in Man. U. S.

Glyceria grandis var. *Komarovii* Kelso, Rhodora 36: 266.
1934.

Yukon Territory: Dawson, July 17-19, 1909, A. S.
Hitchcock no. 4362 (type in U. S. Nat. Herb.)."

Basin of *G. hulteniana* Löve, Svensk Bot. Tidskrift
48: 218. 1954.

Glyceria grandis f. *pallenscens* Fernald, Rhodora
23: 231. 1921.

"Nova Scotia: brooksides and wet meadows, Yarmouth,
July 4, 1920, Bissell, Pease, Long & Linder, no.
20,026 (Type in Gray Herb.)"

Glyceria gussonii (Parl.) Nyman, Syll. 422. 1854-55.

Based on *Puccinellia Gussonii* Parl."

Italy

= *Puccinellia*

Glyceria hulteniana Löve, Svensk Bot. Tidskrift 48:
218. 1954.

Based on *Glyceria grandis* S. Wats. var. *Komarovii*
Kelso, 1934.

Yukon Terr.: Dawson. A.S.Hitchcock 4362.

T U.S.

Glyceria humilis (M. Bieb.) Heynk. Nom. 1: 361. 1840.

Based on "Aira humilis M.-Bieb.

= *Catabrosa humilis* (M. Bieb.) Trin.

Caucasus Mts. Persia- Caspian Region

Glyceria hybrida Towns. Trans. Bot. Soc. (Edinburgh)
4: 27, in obs. 1853, as syn. of *G. pedicellata*.

England

Glyceria infirma Ohwi, Bot. Mag. Tokyo 45: 383. 1931.

Cites: *Glyceria fluitans* (non R. Br.) Honda Monogr.
Poaceae. Japonio. (1930) p. 61.

"Hab. Hondo; in orizetis prope Tokyo (Faurie
n. 4485)."

Japan

Glyceria integra Dum. Obs. Gram. Belg. 107. 1823.

Based on "Pestua fluitans Host. gr. 2. t. 77. An
species praecedente [G. fluitans Beauv. Agrost.
t. 19. f. 7] distincta?"

Europe

Glyceria intermedia Klinggr. Fl. Preuss. 491. 1848.

"Am Seestrand bei Danzig b. Zoppot." Prussia

Germany

Glyceria intersita Hausskn. Mitt. Thüring. Bot. Ver.
N. F. 9: 47. 1891.

"*Glyceria fluitans* X *plicata*"

"an einem Waldbach beim Wiesenbecker Teich ein
grosser Trupp zwischen den Eltern."

Glyceria intricata Crép. Mém. Cour. Acad. Belg. 18:
15. 1866. [This probably pub. in notes Fl. Bar.
Belg. 237. 1865, not in Agr. Libr.] See C.D.N.'s
cards Dates. Also Fritzel]

"trouvée à Saint-Nazaire, près de Toulon, par M. de
Bonnechose au mois d'avril 1863."

France

Glyceria ischyronseura Steud. Syn. Fl. Glus. 1: 427.
1855.

Type loc. "Japan."

Glyceria japonica (Steud.) Miquel. Ann. Mus. Bot.
Lugd. Batavi 2: 281. 1866.

Based on "Hemibromus japonicus Steud."

Japan

Glyceria kamschatkica Kom. Fl. U.R.S.S. 2: 459, 758,
pl. 34. f. 18. 1934.

Cites: *G. maxima* in Hultén, Fl. Kamtoch. I (1927) 139
G. aquatica Kom. Fl. Kamtoch. I (1927) 180.

"Spec. typ.: V. Komarov 20 julio 1909 prope pagum
Maschura; Protopopov L. G. 29 VIII 1909 prope
P. Usski."

Glyceria karafutensis Ohwi, Acta Phytotax. & Geobot.
10: 130. 1941, as syn. of *Glyceria debilior* var.
karafutensis Ohwi.

Glyceria kashmiriensis Kelso, Rhodora 37: 262. 1935.

"Kashmir: Liddar Valley above Falgam ...Duthie
13,092 (Type no. 948,543, in U. S. Nat. Herb.)"

Glyceria kjellmanni Lange ex Kjellm. & Lundstr. in
Nordensk. Vega-exped. 1: 314. pl. 7. 1882.

"Hab. In insulis Novaja-Semlja ad fretum Matotsch-
kin legerunt F. R. Kjellman et A. N. Lundström
7-13 julii 1875."

Novaya Zemlya, Arctic Ocean, Russia

Glyceria langeana Berlin in Kärlv. fr. Grönl. 79. 1883.

Cited by Trzel. Not. Syst. [Inst. Bot. Komarov
16: 51. 1954.

Glyceria langeana Berl. Örv. Kongl. Vet.-Akad.
Förhandl. 1884, 7: 79. 1884.

Humilis, dense caespitosa; foliorum fascioulis intra-
vaginalibus; foliis rigidiusculis arcuatis; culmis
rigidiusculis, vix folia superantibus; paniculis et
spiculis glabris; glumis inaequalibus acutiusculis;
paleis obtusis exterioribus apice laceratis.

Kangaitiak...

Greenland

Glyceria langeana Berl. ex Rosenb. Medd. Grönl.
3: 732. 1892, without descr.

See *G. langeana* var. *striata*

Greenland

1884 "Örvers Kongl. Vet.-Akad. Forh. 1884.

Glyceria langeana var. *arcuata* Rosenb. Medd. Grönl.
3: 733. 1892.

[Greenland]

Glyceria langeana var. *striata* Rosenb. Medd. Grönl.
3: 732. 1892. nom. nud.

"Ved Stranden paa en Ø i Sydostbugten (Hartz)!"

Greenland

1884 "Örvers Kongl. Vet.-Akad. Forh. 1884.

Glyceria latifolia Cotton, Bull. Torrey Club 29: 573.
1902.

"Railroad Creek, Okanogan county, Elmer, 721
(type)."

Washington

= *Glyceria elata* Man. U. S.

Glyceria latispicea (F. Muell.) Benth. Fl. Austral.
7: 658. 1878.

(Bentham gives descr. under "*G. latispicea* F. Muell. Fragm. 8: 127", with *Festuca latispicea* F. Muell. as syn. Muell. published *Glyceria latispicea* as syn. of *Festuca latispicea*)

Based on *F. latispicea* F. Muell.
Australia

Glyceria laxa (Scribn.) Scribn. in Rand & Redfield, Fl.
Mt. Desert 180. 1894.

Based on *Panicularia laxa* Scribn. Rand & Redfield
state "republished at his desire."
= *G. canadensis* var. *laxa* Man. U. S.

Glyceria lemmonii Vasey, Bull. Torrey Club. 13: 119.
1886. (Vasey, Desor. Cat. Grasses U. S. 88. 1885.
nom. nud.; Vasey had *Poa lemmonii* Vasey in mind but
no basis is given)
1886. based on "*Poa lemmonii* Vasey."
= *Puccinellia lemmonii* Man. U. S.

Glyceria leptolepis Ohwi, Bot. Mag. Tokyo 45: 381.
1931.

Glyceria aquatica (non Wahlbg.) auct. Japon.
Glyceria maxima Hultén Fl. Kantsch. 1: 139. 1927
cited.

"Typus: Hondo; Okudamura in Tomodagori, prov.
Mimasaka (2. IX. 1930. Z. Tashiro)."
Japan

Aff. *G. aquatica* Wahlbg.

Glyceria leptolepis var. *formosensis* (Ohwi) Ohwi, Acta
Phytotax. Geobot. 6: 151. 1937.

Based on *Glyceria formosensis* Ohwi.
Formosa

Glyceria leptolepis var. *laxior* Keng, Sinensia 11: 410.
1940.

"Type in the Herbarium of the Department of Biology,
the National Central University, no. 5602, collected
from Chu-hwa Shan, Anhwei province, June 29, 1925,
by R. C. Ching (no. 4107)."
China

Glyceria leptophylla Steud. Syn. Fl. Glum. 1: 286.
1854.

Based on *G. tenuifolia* Boiss. ...non Presl. Hispan."

Gades = Cadiz, Spain
Oran = Algeria, Africa

Glyceria leptorrhiza (Maxim) Kom. Acta Hort. Petrop.
20: 307. 1901.

Based on "*Glyceria fluitans* var. *leptorrhiza* Maxim."
Amur. East Siberia

Glyceria leptorrhiza var. *infirmis* (Ohwi) Ohwi, Acta
Phytotax. & Geobot. 10: 129. 1941, as syn. of
G. infirma Ohwi.

Ohwi indicates the basis but publishes as "sched."
[manuscript name] under *G. infirma*.

Glyceria leptostachya Buokl. Proc. Acad. Phila. 1862:
95. 1862.

"Oregon, Columbia River, Nuttall."

Man. U. S.

Glyceria leptostachys Speg. Anal. Mus. Nao. Buenos
Aires 5: 94. pl. 4. f. G. 1896. Not Buokl. 1863.

"Hab. Semel tantum sed abunde ad marginem piscinae
salatae prope oram maris: Punta Anegada." [Plantae
per Fuegiam a Carolo Spegazzini anno 1882 collectae]

Patagonia

Glyceria lithuanica (Gorski) Lindm. Bot. Jahrb. Engler
44: 45. 1909.

Based on *Poa lithuanica* Gorski
Europe

Glyceria lithuanica f. *violacea* (Neum.) Holmb. Skand.
Fl. Häfte 2: 230. 1926.

Based on "*G. remota* f. *violacea* Neum., Sv. Fl.
(1901) p. 748."

Europe

Glyceria lithuanica f. *viridescens* Nakai, Journ. Jap.
Bot. 17: 329. 1941.

Said to be nom. nov. A few words of description
added. Several synonyms cited, the first of which
is:
Glyceria norvegica Sommerfeld (1837)

Glyceria litorea (Retz.) Fries, Fl. Scand. 207. 1835.

Based on *Bromus litoreus* Retz.

Glyceria loliacea Fries, Fl. Scand. 208. 1835.

"*Festuca* Curt. *F. adscendens* Retz." cited.

"Ad Christianstad Retz! ipse ad Benestad hano,...."
[Flora Scandinavica].

Scandinavia

Glyceria loliacea (Huds.) Godr. Fl. Lorr. 3: 168.
1844. Not Fries, 1835.

Based on *Festuca loliacea* Huds.

England

Glyceria longiglumis Hand.-Mazz. Oesterr. Bot.
Zeitschr. 87: 130. 1938.

"Innere Mongolei, Gobi: ...zwischen dem Schitong-
gol und yendo-sune, o. 116°E, 19. VI. 1924.
(Licent 7463, Typus)."

China

aff. *G. lithuanica* & *G. natans* Kom.

Glyceria magellanica (Hook.f.) Benth. Journ. Linn.
Soc. 19: 116. 1881.

Based on "*Catabrosa magellanica* Hook.f."

Magellan region

Glyceria maritima (Huds.) Wahlb. Fl. Gothob. 17. 1820.

Based on *Poa maritima* Huds.

= *Puccinellia maritima* Man. U. S.

Glyceria maritima Roep. ex Nym. Consp. 831. 1882, as
syn. of *Glyceria borrori* Bab. Not Wahlb. 1820.

Glyceria maritima var. *amethystina* G. Meyer, Chloris
Hanov. 629. 1836.

"Herzogthum Bremen: die Spielart bei Otterndorf."
[Germany]

Glyceria maritima f. *amethystina* Druce, List. Brit.
Fl. Ed. 2. 131. 1928, without descr.

England

Glyceria maritima var. *arctica* (Hook.) Kurtz, Bot.
Jahrb. Engler 19: 423. 1894.

Presumably based on *G. arctica* Hook.

Glyceria maritima var. *arenaria* Fries, Nov. Fl. Sueo.
Mant. 2: 9. 1839.

"*Poa maritima* Huds" cited.

Glyceria maritima var. *arenaria* Anderss. Fl. Scand.
Gram. Fasc. 2: 56. 1852. Not Fries 1839.

Scandinavia

Glyceria maritima var. *deflexa* (Syme) Druce, List
Brit. Fl. 83. 1908.

No basis nor description given.

Britain

Glyceria maritima var. *distansiformis* Druce, List Brit.
Fl. Ed. 2. 131. 1928, without descr.

Britain

Glyceria maritima var. *festucaeformis* Fries, Nov. Fl.
Sueo. Mant. 2: 9. 1839.

Herbarium Normali n. 95. Scandinavia.

Glyceria maritima var. *festucaeformis* (Host) Hartm.
Handb. Skand. Fl. ed. 10. 265. 1870.

Based on *G. festucaeformis* Heynh., this based on
Poa festucaeformis Host.

In Dalmatia....insulae Ugliano, non multum a
Civitate Zara dissitae. I. Host. Jugo Slavia.

Glyceria maritima var. *foucaudii* (Hack.) Druce, List
Brit. Fl. 83. 1908.

No basis nor description given.

Made ssp. by Douin in Bonn. Fl. Compl. 12: 25. 1927
- 32.

Probably based on *Atropis foucaudii* Hack 1893.

Glyceria maritima var. *hibernica* Druce, List Brit. Fl.
Ed. 2. 131. 1928, without descr. Only cites
"(festucaeformis Praeger)."

Europe

Glyceria maritima var. *hispida* Parn. ex Hook.f. Stud.
Fl. Brit. Isles ed. 3. 495. 1884.

[British Isles]

Glyceria maritima var. *nana* Lange ex Jacobsen, Bot.
Tidsskr. 11: 93. 1879-80.

Læss and Aholt-Denmark Jacobsen may be collector-
He is author of article fide Th. Holm.

Glyceria maritima var. *palustris* (Scenus) Fries, Nov.
Fl. Sueo. Mant. 2: 8. 1839.

Based on *Festuca palustris* Scenus
Istria, Europe

Glyceria maritima var. *palustris* Anderss. Fl. Scand.
Gram. Fasc. 2: 56. 1852. Not Fries 1839.

Scandinavia

Man. U. S.

Glyceria ochroleuca (Dum.) Cuss. Fl. Sic. Syn. 1: 100. 1843.

Based on "*Catabrosa ochroleuca* Dumor." [Dum.]
Sicily

Glyceria orientalis Kom. Report. Sp. Nov. Fedde 13: 162. 1914.

"Crescit in pratis humidis apertis, ad ripas vel rarius in salicetis ripariis lucidis. Legi multis (13) in locis peninsulae Kamchatka annis 1908-09."

Glyceria otisii Hitchc. Amer. Journ. Bot. 21: 128. 1934.

"Type in U. S. Nat. Herb. no. 1538644, collected in a small creek near Mile 15 on trail to Hoh, Jefferson Co. Washington, alt. 100 meters, July 10, 1927, by I. C. Otis (no. 1548)."

Man. U. S.

Glyceria X ottawensis Bowden, Canadian Journ. Bot. 38: 127. 1960.

"(*Glyceria canadensis* X *G. striata*)"

"*G. X ottawensis* n. n. ottawensis: Ontario: Qyt. No. 1810. --- W. G. Dore & L. Jenkins 15206; ---"

Glyceria pallida (Torr.) Trin. Mém. Acad. St. Pétersb. VI Sci. Nat. 2¹: 57. 1836.

Based on "*Windsoria pallida* Torr." 1819.

New York Man. U. S.

Glyceria pallida var. *Fernaldii* Hitchc. Rhodora 8: 211. Nov. 1906.

Fernald 191

Arroostook Co. Me.

= *G. fernaldii* (Hitchc.) St. John.

Man. U. S.

Glyceria paludificans Kom. Bull. Jard. Bot. Pierre Grand 16: 152. 1916; Kom. op. cit. 14(Suppl. 2): 83. 1915, nom. nud.

"= *G. aquatica* Sp. var. *acutiflora* Maxim. Frim. Fl. Amurensis, 321, N° 840."

"Legi in prov. Austro-ussuriensi in vallibus fl. Suifun, Maiche, etc. et ad lacus Ell-Pausea. Prius Clar. viri S. I. Korschinski; et I. V. Kusnetsov in provincia Amurensi atque in districtu Chabarovsk *Glyceriam* illam legerunt; Tschersky circa lacus ohan-ohai etc."

Siberia

Glyceria palustris (Fries) Lange, Fl. Dan. 15: 3. pl. 2582. 1858.

Based on *Glyceria maritima* var. *palustris* Fries
Denmark

Glyceria Parlatoresii Bég. Bull. Soc. Bot. Ital. 1908: 59. 1908.

"subsp." of *G. distans*, but binomial given as above.

"Abruzzi et in Aprutis: Casparrini (Hb. Casp. et Hb. centr. it. sub: *Poa distans*); ---" first spec. cited.

Italy

Glyceria pauciflora Presl, Bot. Haenk. 1: 257. 1830.

"Hab. in sinu Hootka" Haenke, Coll.

Vancouver Isl.

Man. U. S.

Glyceria pauperula Holm, Report. Sp. Nov. Fedde 3: 337. March 10, 1907. (section *Atropis*)

leg. Dr. R. Bell

Mansfield Island, Hudson Bay.

= *Puccinellia*

Glyceria pedicellata Towns. Ann. & Mag. Nat. Hist. II. 5: 105. 1850.

"in Cambridgeshire, and at Dovedale near Blookley, Worcestershire."

"Parnell (Brit. Grasses, t. 45)...fair figure..of *G. pedicellata*."

[In Clap. Tutin & Warb. Fl. Brit. Isles p. 1420 1952: is "*G. X pedicellata* Towns. (*G. fluitans* (L.) R. Br. X *plicata* Fr.)"

England

Glyceria pendulina Laestad. in Wahl. Fl. Suec. ed. 2. 1088. 1833.

"Hab. ad ripas inundatas fluminis Tornensis usque ad Turtula...Laestadius; antea anno 1811 ad paludem Vargas juxta Strömfors, Finlandiae lecta a Forselles."

Sweden

Glyceria pensylvanica (Spreng.) Haynh. Nom. 1: 361. 1840.

Based on *Aira pensylvanica* Spreng.

= *Sphenopholis nitida* Man. U. S.

Glyceria pernixta Cuss. Fl. Sic. Syn. 1: 99. 1843.

"In argillosis inundatis; Palagonia al lago di Palioi, Mineo al lago di Martia."

Sicily

Glyceria phryganoides (Trin.) Fries, Nov. Fl. Suec. Mant. 3: Add. 176. 1843.

Based on *Poa phryganoides* Trin.

Sweden

Glyceria pilosa Steud. Syn. Fl. Glum. 1: 287. 1854.

"*Catabrosa pilosa* Hochst. hrbr. Mubio. nr. 413. Mubia" cited.

Africa

Glyceria plicata Fries, Nov. Fl. Suec. Mant. 2: 6. 1839.

"Herb[aric] Norm[ali] V. n. 91. In paludosis, rivulis etc. Copiose legi in maritimis ad Varberg."

Scandinavia

Glyceria plicata var. *acuminata* (Schur) Aschers. & Graebn. Syn. Mittel-eur Fl. 2: 449. 1900.

Based on *G. acuminata* Schur

Rumania

Glyceria plicata var. *declinata* (Bréb.) Druce, List. Brit. Fl. 83. 1908.

No basis nor description given

[Presumably based on *Glyceria declinata* Brébiss.]

France

Man. U. S.

Glyceria plicata var. *depauperata* Crép. 1^o Herb. Glum.

Belg. fasc. II, no. 136; Thiel. Bull. Soc. Bot. Belg. 12: 202. 1873.

"Braine-le-Comte (Hainaut)," [Belgium]

Glyceria plicata Fries f. *effusa* Jungblut, Bull. Soc. Roy. Bot. Belg. 86: 33. 1953.

Belgium

Glyceria plicata var. *grandis* Podpěra, Květena Moravy 6: 173. 1926; Acta Soc. Sci. Nat. Morav. 2: 443. 1926, desor. Czechoslov.

"U Žáru (Kovář)!" Czechoslovakia

Glyceria plicata f. *latifolia* Zapal. Consp. Fl. Galio. Crit., Rozpr. Wydz. Mat.-Przyr. Akad. Umiej. Krakow III. 4, B. 169. 1904. [Aug. 11]

Only desor.: "foliis ovatis ad 18 mm latis."

"Miura, (Lanz)."

[Galicia, Poland]

Glyceria plicata var. *litoralis* Hausskn. Mitt. Geogr. Ges. Thüringen 3: 287. 1885.

"So in Menge am sandigen, wenig feuchten Westufer des Breitungser Sees bei Salzwungen."

Germany

Glyceria plicata var. *memoralis* (Uechtr. & Koern.) Sanio, Verh. Bot. Ver. Brand. 23: Abh. 30. 1882.

"(C. Uechtr. et Körnicke in Bot. Zeitg. 1866 S. 121) [*Glyceria memoralis*]"

Germany

Glyceria plicata var. *normalis* F. Junge, Jahrb. Hamb. Wiss. Anst. 3. Beih. Mitt. Bot. Staatsinst. Hamburg 30(1912): 245. 1912. Not Sanio 1882.

"Schleswig-Holstein"

Europe

Glyceria plicata var. *normalis* f. *acuminata* (Aschers. & Graebn.) F. Junge, Jahrb. Hamb. Wiss. Anst. 3. Beih. Mitt. Bot. Staatsinst. Hamburg 30(1912): 245. 1913.

Based on *G. plicata* var. *acuminata* Aschers. & Graebn.

Germany

Glyceria plicata var. *normalis* subv. *Filkuks* Podpěra, Květena Moravy 6: 173. 1926; Acta Soc. Sci. Nat. Morav. 2: 443. 1926, desor. Czechoslovak.

"Brno: Lelekovičské louky (Filkuks 1915)!"

Czechoslovakia

Glyceria plicata var. *normalis* f. *glauca* F. Junge, Jahrb. Hamb. Wiss. Anst. 3. Beih. Mitt. Bot. Staatsinst. Hamburg 30(1912): 245. 1913.

"Angeln: am Fusse der quelligen Strandhöhen von Langballighols 1911!"

Germany

Glyceria plicata var. *normalis* subv. *polia* Podpěra, Květena Moravy 6: 173. 1926; Acta Soc. Sci. Nat. Morav. 2: 443. 1926, desor. Czechoslovak.

Cites: *Glyc. plic. var. minor* Podpěra, Doplnky 30. 1914, as syn.

Holešov: písečník u Třebětice."

Glyceria plicata var. *scabriflora* Hack. in Stuck. Anal. Mus. Nac. Buenos Aires 21: 161. 1911.

St[uckert] no. 2700. Estancia S. Fermin, Partido General Rodríguez, B.-A. (Fladrich).

Argentina

Glyceria plicata var. *spicata* (Cuss.) Lange, Naturhist. For. Kjöbenhavn Vid. Medd. II. 1: 45. 1860.

Based on *G. spicata* Cuss.

Sicily

Glyceria plicata var. *Suzana* Podpěra, Květena Moravy
6: 173. 1926; Acta Soc. Sci. Nat. Morav. 2: 443.
1926, descr. Czechoslovak.

"Brno: při potoku Vrbovci ned. Jundrova (Suza,
1923)!"

Brum. Czechoslovakia

Glyceria plicata ssp. *triticea* Lange, Haandb. Dansk.
Fl. 2: 1856.

Denmark

Glyceria plicata var. *versicolor* Hausskn. ex Fedtsoh.
Bull. Jard. Bot. Pierre Grand 14(Suppl. 2): 82.
1915, nom. nud.

Glyceria poaeoides Stapf in Hook.f. Fl. Brit. Ind.
7: 348. 1896.

"Western Tibet; Rupohu, grassy plains at the head
of the Salt Lake, Thomson."

Glyceria pratensis Fries, Fl. Scand. 207. 1835.

[Flora Scandinavia]

Scandinavia

Glyceria procumbens Dum. Obs. Gram. Belg. 145. 1823.

"*Festuca procumbens* Sm." cited, probably error for
Poa procumbens Curt. [= *Puccinellia rupestris* (With.)
Fern. & Weath.] since Dumortier places it between
Glyceria maritima and *G. distans*, both species of
Puccinellia.

England

see *G. procumbens* (Curt.) Smith, English Flora
1: 119. 1824.

Glyceria procumbens var. *erecta* Druce, List Brit. Fl.
ed. 2. 132. 1928, without descr.

Cites: "(*Poa proc.* Curt. 1795 = *Festuca proc.* Kunth
= *Poa rupestris* With. 1796 = *Sclerorchloa*
proc. = *Glyco. rupest.*)"

= *Puccinellia rupestris* (With) Fern. & Weath. as to
name.

Glyceria pseudo-distans Crép. Bull. et Mém. Cour.
Acad. Belg. 18: 17. 1866.

[Probably published in Notes Fl. Rar. Belg. 239.
1865, reprint, not available; see Fritzel, p. 72]

"*G. distans* Godr. Fl. Fr. III. 536. (pro parte)....
Puccinellia maritima Parl. ... *Atropis distans* var.
vulgaris Coss. & Dur." cited.

---(France, Duval-Jouve, 1859);---Sardaigne!
(Italie-Parlatore)---(Algerie Durieu de Maisson
neuve)"

Glyceria pulchella (Nash) Schum., Just's Bot. Jahresb.
29: 513. 1903.

Based on *Panicularia pulchella* Nash
Alaska

Glyceria pumila Vasey, Bull. Torrey Club 15: 48. 1888.

= *Puccinellia pumila* Man. U. S.
Vancouver Island. J. Macoun [in 1887]

Glyceria ramigera (F. Muell.) Benth. Fl. Austral
7: 659. 1878.

Based on *Poa ramigera* F. Muell.
Australia

Glyceria remota (Forselles) Fries, Nov. Fl. Suec.
Mant. 2: 5. 1839.

Based on "*Poa remota* Forselles!"
Nyland, Finland

Glyceria remota var. *japonica* Hack. Bull. Herb. Boiss.
7: 712. 1899.

"Coll. Faurie: 4723 Iwagisan, 8231 Iwanai first
cited....." [Japan]

Glyceria reptans (Laest.) Krok. Bot. Not. 1899: 137.

Based on "*Glyceria distans* var. *reptans* (Laest. in
Hn." [Hartm. Handb. Skand. Fl. ed. 5. 294. 1849.]

Scandinavia

Glyceria retinosa (M. Bieb.) Velen. ex Nyman, Consp.
Fl. Eur. Suppl. 339. 1889, without descr.

"(*G. arundinacea* "MB." Velen. 1888)." [*G.*
arundinacea (Bieb.) Kunth" cited; this based on *Poa*
arundinacea M.-Bieb.

Terek. Russian Caucasus

Glyceria retroflexa (Curt.) Salmon, Journ. Bot. Brit.
& For. 67: 243. 1929.

published inadvertently, name given in title. In
Kew Ind. Suppl. 8: 102. 1933.

Based on *Poa retroflexa* Curt.

Glyceria rigida (L.) J. E. Smith, Engl. Fl. 1: 119.
1824.

Based on "*Poa rigida* L."

= *Scleropoa rigida* Man. U. S.

Glyceria rigida (Nash) Rydb. Fl. Prairies & Plains
Centr. N. Amer. 122. 1932. Not Smith, 1824.

Based on *Panicularia nervata* var. *rigida* Nash
= *Glyceria striata* Man. U. S.

Glyceria rivularis Jacquem ex Hook.f. Fl. Brit. Ind.
7: 346. 1896, as syn. of *G. tonglensis* Clarke.

India

Glyceria rupestris (Rendle & Britt.) Marshall, Journ.
Bot. Brit. & For. 46: 319. 1908.

G. rupestris E. S. Marshall nom. nud? Lond. Cat.
Brit. Fl. ed. 10. 45. 1908 Feb.

Based on "(*Sclerorchloa rupestris* Rendle & Britten)"

England

Glyceria salina Zabel, Arch. Ver. Freund. Naturgesch.
Meklenburg 13: 91. 1859.

"*G. distans* Meyer" cited.
Germany

X *Glyceria salina* Druce, Rep. Bot. Exch. Club Brit.
Isles 8(1928): 877. 1929. Not Zabel 1859, at
least not cited.

Parents: *G. distans* X *maritima*

British Isles

= *Puccinellia*

Glyceria salina var. *conferta* (Fries) Zabel, Arch.
Ver. Freund. Naturgesch. Meklenburg 13: 91. 1859.

Based on *Glyceria conferta* Fries.
= *Puccinellia*

Glyceria salina var. *distans* (L.) Zabel, Arch. Ver.
Freund Naturgesch. Meklenb. 13: 91. 1859.

Based on *Glyceria distans* Wahlenb. this based on
Poa distans L.

= *Puccinellia distans* (L.) Parl.

Europe

Glyceria salina var. *intermedia* (Klinggr.) Zabel,
Arch. Ver. Freund Naturgesch. Meklenburg 13: 91.
1859.

Based on *Glyceria intermedia* Klinggr.

Europe

= *Puccinellia*

Glyceria salina var. *maritima* (Huds.) Zabel, Arch.
Ver. Freund. Naturgesch. Meklenburg 13: 91. 1859.

Based on *Poa maritima* Huds.

= *Puccinellia maritima* (Huds.) Parl.

Glyceria scaberrima Nees ex Steud. Syn. Fl. Glum.
1: 287. 1854.

"(mpt. et Royle hrbr. nr. 376.) Ind. or."

Glyceria scabriglumis Deg. & Andras, Erdészeti Közér-
letek 18: 28-80. 1916. Not verified

[Copied from Bot. Centralbl. No. 40: 221. 1918.]
Not in Ind. Kew--to 1940.

Glyceria septentrionalis Hitchc. Rhodora 8: 211. 1906.

Wm. M. VanSickle

Guttenberg, N. J. Man. U. S.

Glyceria septentrionalis var. *arkansana* (Fern.) Steyer.
& Kucera, Rhodora 63: 24. 1961.

Based on *Glyceria arkansana* Fernald.
Varnier, Ark. Bush 9 in 1898.

Arkansas

Glyceria songarica Schrenk ex Fisch. & Mey. Omm. Fl.
Nov. 1. 1841.

"ad fl. Karatal versus montes Karatau." Songaria.
Cl. Schrenk lectarum.

= *Eremopoa songarica* (Schrenk.) Rosher.

Manchuria

aff. *Eremopoa persica* Trin.

Glyceria spectabilis var. *densiflora* Waisb. Oesterr.
Bot. Zeitschr. 51: 127. Apr. 1901.

"In Wassergraben in Szombathely und im benachbarten
Comitat, in Csepreg."

Europe

Glyceria spectabilis var. *flaccida* Trin. ex A. Gray,
Proc. Acad. Phila. 1862: 336. 1863, [as syn. of
G. microtheca Buckl., *G. leptostachya* Buckl.
confused with it.]

= *G. pauciflora* Man. U. S.

Glyceria spectabilis var. *laxa* Trin. ex Hultén,
Svensk. Vet. Akad. Handl. III. 5: 140. 1927,
without descr.

Kamchatka;...."Eb. Nees "without collector"
The above name "(written by Trinius)" in Hb. Berol."

= *Glyceria lithuanica* fide Hultén

Glyceria spectabilis f. *laxiflora* Waisb. Oesterr. Bot.
Zeitschr. 51: 127. 1901.

"Wächst so in Wassergräben und in einem Teich in
Tómörd."

Europe

Glyceria spectabilis var. *retinosa* Velen. Abh. Böhm. Ges. Wiss. VII. 18: 45. 1886.

"Im Devno-See bei Varna und Kebedze stellenweise massenhaft"...

Bulgaria

Glyceria spectabilis var. *vivipara* Mert. & Koch in Roehl. Deutschl. Fl. ed. 3. 1: 586. 1823.

"Umgebend von Bremen---1816"

[Germany]

Glyceria sphenopus Steud. Syn. Fl. Glum. 1: 287. 1854.

Based on "*Sphenopus gouani* Trin. Europ. austr."

Glyceria spicata Guss. Fl. Sic. Syn. 2: 784. 1844.

"In rivulis, stagnis, inundatis in Sicilia."

Glyceria spiculosa (Schmidt) Roshev. in Fedtsch. Fl. Transbaical. 1: 85. 1929, in Russian but basis given.

Based on *Scolochloa spiculosa* Schmidt.

Sachalin Island, Japan

Glyceria spiculosa var. *coreana* Ohwi, Bot. Mag. Tokyo 45: 282. 1931.

"Hab. Korea borealis; Daitaku in prov. Kankyo-hokudo (24. VII. 1930. J. Ohwi n. 2614-Typus)."

Aff. *G. lithuanica* Lindm.

Glyceria striata (Lam.) Hitchc. Proc. Biol. Soc. Washington 41: 157. 1928.

Based on *Poa striata* Lam.

Virginia; Carolina Man. U.S.

Glyceria striata var. *mexicana* Kelso, Rhodora 37: 263. 1935.

"Mexico: El Chico, State of Mexico, Aug. 1928. P. Lyonnet 267 (Type, no. 1,034,156 in U. S. Nat. Herb.)"

Glyceria striata ssp. *striata* (Scribn.) Hultén, Acta Univ. Lund. n. ser. 38: 232. 1942. = same Fernald 1929.

Based on *Panicularia nervata striata* Scribn.

= *Glyceria striata* (Lam.) Hitchc. 1928. not in Man. U.S. Colo.-Wyo. state line

Glyceria striata var. *striata* (Scribn.) Fernald, Rhodora 31: 47. 1929.

Based on *Panicularia nervata striata* Scribn.

= *Glyceria striata* (Lam.) Hitchc. 1928. Man. U. S. Colo. Wyo. State Line

Glyceria striata Hook.f. Fl. Nov. Zeland. 304. 1853.

"Hab. Middle Island: Akaroa, Raoul."

Hook.f. Handb. New Zeal. 1864-67 cites Fl. Nov. Zealand.

Hooker, Bot. Antarctio Voy. 2: Fl. Nov. Zeal. at L.O. in Rare Book Room.

Glyceria striata Buckl. Proc. Acad. Nat. Sci. Phila. 1862: 95. 1863. Not Hook.f. 1853.

"Middle Texas." [Buckley]

= *Sporobolus asper* var. *hookeri*, diseased Man. U. S.

Glyceria subfastigiata (Trin.) Griseb. in Ledeb. Fl. Ross. 4: 392. 1853.

Based on *Poa subfastigiata* Trin.

Altai, Siberia

Glyceria subspicata Regel, Acta Hort. Petrop. 7: 624. 1881.

"In valle fluvii Sarawshan in angustis Sangi-dschuman, prope Ansoh et Dschidschik (O. Fedtschenko)"

Turkestan

Glyceria taurica Steud. Syn. Fl. Glum. 1: 286. 1854.

"Kotschy Hrbr. 1836 sine nr. In monte Tauro."

Mt. Taurus, Asiatic Turkey

Glyceria tenella Lange ex Kjellin. in Nordensk. Vega-Exped. 1: 313. pl. 6. 1882.

"Hab. In sinu Bogatschew insularum Novaja-Semlja et ad promontorium Urebeni insulae Wajgatsch legemunt P. B. Kjellman et A. N. Lundstram mense Julii 1875."

Novaya Zemlya Arctic Ocean, Russia

Asia - Europe

Glyceria tenuiflora (Griseb.) Steud. Syn. Fl. Glum. 1: 286. 1854.

Based on "*Atropis tenuiflora* Griseb."

...Siberia baikalensi...pr. Selenginsk et...Pogromez! (Turoz) et orientali inter Jakutsk et Ochotsk! (Turoz), ..Davuria (Turoz)..."

Glyceria tenuifolia Boiss. & Reut. Pugell. Fl. Nov. 127. 1852.

"Hab. prope Gades Monard in herb. Fauchè, in paludosis subsalsis pro b. Misserghin, circa Oran copiose (Reuter)."

Gades = Cadiz. Spain
Oran = Algeria. Africa

Spain and Africa

Glyceria tenuifolia (Presl) Steud. Syn. Fl. Glum. 1: 286. 1854. Not Boiss & Reut. 1852.

Based on "*Catabrosa tenuifolia* Presl."

=

Type Haenke is *Catabrosa*

Cordilleris Chilensis

Chile

Glyceria tenuispica Steud. Syn. Fl. Glum. 1: 285. 1854.

"Drummond hrbr. coll. V. nr. 347. N. Holl."

Australia

Glyceria thomsoni Stapf in Hook.f. Fl. Brit. Ind. 7: 347. 1896.

"Western Tibet, Rupchu above Fugha....Thomson."

Glyceria tonglensis C. B. Clarke, Journ. Linn. Soc. Bot. 15: 119. 1876.

"Collected between Darjeeling and Tonglo. Himalaya"

India

Glyceria tonglensis var. *honshuana* Kelso, Rhodora 37: 263. 1935.

"Japan: Honshu, Lake Nikko to Chuzenji, ...A. S. Hitchcock 18,341 (Type no. 1,166,457 in U. S. Nat. Herb.)."

Glyceria Torreyana (Spreng.) Hitchc. Rhodora 8: 211. Nov. 1906.

Based on *Poa Torreyana* Spreng.

Mass.

= *G. melicaria* Man. U. S.

Glyceria transilvanica Schur, Enum. Fl. Transsilv. 780. 1866, as syn. of *Atropis intermedia* Schur.

Rumania

Glyceria triflora (Korsh.) Kom. Fl. U.R.S.S. 2: 459, 758. pl. 34. f. 17. 1934.

Based on *G. aquatica* var. *triflora* Korsh.

= *Catabrosa aquatica*

Glyceria turcomanica Kom. Fl. U.R.S.S. 2: 452, 757. 1934.

G. fluitans Roshev. in Fedtsch. Fl. Turcom. 148(ex p.)

"Asia media. Turcomania meridionalis in jugi Kopet-dagh angustis Aj-dere neo non Mustafa-dere prope Nuchur...supra mare 27 VI 1925, leg. E. G. Bobrov."

Central Asia

Glyceria ussuriensis Kom. Fl. U.R.S.S. 2: 460, 758. pl. 34. f. 11, 19. 1934.

"Spec. typ.: Regio Ussuriensis pagum Kondratenkova in valle fl. Suputinka. 27 VIII 1933, leg. V. L. Komarov"

Eastern Asia

Glyceria vaginata Lange, Fl. Dan. 15: 3. pl. 2583. 1858.

"Hab. ad littora Groenlandiae borealis, v.o. ad Tessermut, Omenak, ubi legit beat. J. Vahl."

Greenland

Glyceria vaginata f. *contracta* Lange in Nordenskiöld, Vega-Exped. 1: 273. 1882.

"Preobrascheni-on; Irkajpi; Pitlekaj."

Siberia

Glyceria vaginata var. *effusa* Rosenv. Medd. Groenl. 3: 731. 1892.

"Lerbugten ved Clausshavn, 1 tpr Lerbund naer Stranden (Hartz)!"

Greenland

Glyceria vahliana (Liebm.) T. Fries, Öfv. Svensk. Vet. Akad. Forh. 26: 140. 1869.

Presumably based on *Poa vahliana* Liebm.

"Groenlandiae prope Niokornak Colonias Umanak"

Glyceria vilfoidea (Anderss.) T. Fries, Öfv. Svensk. Vet. Akad. Forh. 26: 139. 1869.

Presumably based on *Catabrosa vilfoidea* Anderss. Spitzbergen

Glyceria vilfoidea var. *vilfoidea* (Anderss.) Fedtsch. Bull. Jard. Bot. Pierre Grand 14(Suppl. 2): 82. 1915.

Based on *Catabrosa vilfoidea* Anderss. Spitzbergen

Glyceria viridis Honda, Bot. Mag. Tokyo 43: 294. 1929.

"Hondo: Isosaka, prov. Shimotsuke (H. Sekimoto, anno 1928)."

Japan

Glyceria viridula (Poir.) Heynh. Nom. 1: 361. 1840.

Based on *Aira viridula* Poir.

Habitat unknown

Onomonia elatior (L.) Lunell, Amer. Mid. Nat. 4: 224. 1915.

Based on *Festuca elatior* L.

Europe

Man. U. S.

Onomonia nutans (Willd.) Lunell, Amer. Mid. Nat. 4: 224. 1915.

Based on "*Festuca nutans* Willd." = *F. nutans* Bieler
= " *paradoxa*."

Man. U. S.

Onomonia octoflora (Walt.) Lunell, Amer. Mid. Nat. 4: 224. 1915.

Based on *Festuca octoflora* Walt.

= " " " " Man. U. S.

Onomonia ovina (L.) Lunell, Amer. Mid. Nat. 4: 224. 1915.

Based on *Festuca ovina* L.

= " " " " Man. U. S.

Onomonia ovina var. *supina* (Hack.) Lunell, Amer. Mid. Nat. 4: 224. 1915.

Based on *Festuca ovina* *supina* Hack.

= " " " " "

Europe

Onomonia viridula (Vasey) Lunell, Amer. Mid. Nat. 4: 224. 1915.

Based on *Festuca viridula* Vasey

= " " " " Man. U. S.

Goldbachia mikani Trin. in Spreng. Neue Entdeck. 2: 42, 81. 1821.*

"Hab. in Brasilia. (Entdeckt vom Herrn. Prof. Mikani)"

= *Arundinella brasiliensis* Raddi 1823.

See Bullock, Kew Bull. 1957: 296. 1957.

* not *Goldbachia* DC. Syst. Veg. 2: 576. May 1821.
[= *Cruciferae*] [*Goldbachia* Trin. in Spreng. 1821
Gramineae; Reichenbach, granting priority to
De Candolle, changed this name to *Calamochloa*, 1828.]

Gouinia barbata (Hack.) Swallen, Amer. Journ. Bot. 22: 37. 1935.

Based on *Diplachne barbata* Hack.

Gouinia brandegei Hitchc. U. S. Dépt. Agr. B. P. I. Bull. 33: 21. 1903.

Based on "*Leptochloa brandegei* Vasey."

[*Diplachne brandegei* Vasey intended]

= *Chloris brandegei* (Vasey) Swallen

Mexico

Gouinia brasiliensis (S. Moore) Swallen, Amer. Journ. Bot. 22: 36. 1935.

Based on *Pogochloa brasiliensis* S. Moore

Brazil

Gouinia cearensis (Ekman) Swallen, Amer. Journ. Bot. 22: 39. 1935.

Diplachne cearensis Ekman

Brazil

Gouinia ekmanii Alain, Contr. Ocas. Mus. Hist. Nat. Coleg. "De La Salle" no. 12: 5. f. 6. 1953.

Cuba

Gouinia gracilis Ekman ex Swallen, Amer. Journ. Bot. 22: 33, f. 1. 1935.

Type in the U. S. National Herbarium no. 1,161,268 collected in thickets on Cerro del Fraile at Holguín, Prov. Oriente, Cuba, Nov. 17, 1922, by E. L. Ekman."

Gouinia guatemalensis (Hack.) Swallen, Carnegie Inst. Washington Publ. 436: 334. 1934.

Based on *Diplachne guatemalensis* Hack.

Guatemala

Gouinia latifolia (Griseb.) Vasey, Contr. Nat. Herb. 1: 365. 1895.

Based on "*Triouspis latifolia* Griseb."

Argentina

Gouinia longiramea Swallen, Carnegie Inst. Washington Publ. 436: 334, f. 2. 1934.

"Type in the U. S. National Herbarium No. 1,538,059 collected in brush around clearing at Chichen Itzá, Yucatan, Mexico, July 7-13, 1932, by Jason R. Swallen (No. 2385)."

Gouinia mexicana (Scribn.) Vasey, Contr. U. S. Nat. Herb. 1: 365. 1895.

Based on "*Leptochloa mexicana* Scribn."

"No. 3252, collection C. G. Pringle, San Luis Potosí Mexico."

Gouinia papillosa Swallen, Carnegie Inst. Washington Publ. 436: 334, f. 3. 1934.

"Type in the U. S. National Herbarium No. 1,538,062 collected in brush along trail in forest, Tancanh, Quintana Roo, Mexico, Aug. 4-5, 1932 by Jason R. Swallen (No. 2829)."

Gouinia paraguayensis (Kuntze) Parodi, Rev. Mus.

La Plata 34: 176, 192. 1934.

Based on *Arundinaria paraguayensis* Kuntze

Paraguay

Gouinia polygama Fourn. in Hensl. Biol. Centr. Am. Bot. 3: 581. 1885, as syn. *Festuca fournieriana* Hensl.; Fourn. Mex. Fl. 2: 103. 1886.

"In sylvis umbrosis pr. Vera Cruz, ... (Gouin. n. 76) Acapulco secus rivum pr. Pónte Griffon (Thiebaut n. 1042); San Agustín, ... (Liebm. n. 504, 505); abaque loco (Karw. n. 1000). Florida (Karw. n. XLIV) = *Gouinia virgata* (Presl) Scribn."

Gouinia polygama var. *major* Fourn. Mex. Fl. 2: 103. 1886.

"Vera Cruz (Gouin n. 77)."

= *Gouinea virgata*

Mexico

Gouinia ramosa Swallen, Carnegie Inst. Washington Publ. 436: 333, f. 1. 1934.

"Type in the U. S. National Herbarium, No. 1,538,060 collected in brush at Chichen Itzá, Yucatan, Mexico, July 7-12, 1932, by Jason R. Swallen (no. 2436). Known only from the type collection."

Mexico

Gouinia tortuosa Swallen, Amer. Journ. Bot. 22: 41, f. 5. 1935.

Type in the U. S. National Herbarium, no. 1,538,642, collected at Patquia, Province La Rioja, Argentina, March, 1933, by Lahitte y Castro (no. 13).

Gouinia virgata (Presl) Scribn. U. S. Dept. Agr. Div. Agrost. Bull. 4: 10. 1897.

Based on *Bromus virgatus* Presl.

Peru

Gouardia biflora (Brign.) Husnot, Gram. Fr. Belg. 83. 1899.

Based on *Triticum biflorum* Brign.

Italy

= *Agropyron biflorum*

Gouardia canina (L.) Husnot, Gram. Fr. Belg. 83. 1899.

Based on "*Elymus caninus* L."

Europe

= *Agropyron caninum*.

Gracilea nutans Koen. ex Rottl. in Ges. Nat. Fr. Neue Schrift. 4: 218. 1803, as syn. of *Pommereullia monoica*; Hook. f. Fl. Brit. Ind. 7: 283. 1896.

1803-no description of genus, *Gracilea nutans* cited as syn. sub *Pommereullia monoica*.

Hook. f. 1896. generic descr. "*G. nutans* Koen." described "*Melanocenchris Rothiana* Nees in Proc. Linn. Soc. 1: 95. 1841" cited as syn.

Mysore and the Carnatic, Heyne, &c. Ceylon; Mannar district, Trimen."

India

Gracilea royleana Hook. f. Fl. Brit. Ind. 7: 284. 1896.

Based on "*Melanocenchris Royleana* Nees."

India

Gracilea royleana var. *plumosa* Hook. f. Fl. Brit. Ind. 7: 284. 1896.

"*Ptilonema plumosum* Steud."

Abyssinia

Gramen rubrum (Rohb.) Krause, Beih. Bot. Centralbl. 32: 331. 1914.

Festuca rubra Rohb. [must refer to fig. 321 "*F. rubra* Linn." in Reichenb. Icon. Fl. Germ. & Helv. 1: pl. 137. 1850.]

Gramerium convolutum Desv. Opusc. 61. 1831. (pl. 7. f. 1.)

"Habitat in regno chilense."

= *Digitaria adusta* (Nees) Griseb. or close ally

Graminastrum macusaniense Krause, Beih. Bot. Centralbl. 32: 348. 1914.

"*Vilfa Macusaniensis* Steudel-Lechler-Hohensacker pl. Peruv. No. 1836. (Peru, in pascuis prope Macusani Juni 1854)."

= *Dissanthelium minutum* Trin.

Grasses Cent. Andes 356. 1927.

Peru

Graphephorum altijugum Fourn. Bull. Soc. Bot. Fr. 24: 182. 1877, nom. nud.; Mex. Fl. 2: 111. 1886.

In monte Orizabensi 12-14000', Mex.

Liebmann 603.

Mexico

Graphephorum arundinaceum Aschers. Fl. Brandenb.
852. 1864.

"*Aira arundinacea* Liljeblad....nicht L." cited as syn.

not based on this, described by Ascherson.

"(Sjödahl Schweden; mittleres Russland; Sibirien; Nord-America---Minnesota; Iowa.)"

= *Scolochloa festuacea* (Willd.) Link
not in Man. U. S.

Graphephorum brandegei (Scribn.) Rydb. Fl. Rocky
Mount. 61. 1917.

Trisetum brandegei Scribn.

= *Trisetum wolfii* Man. U. S.

Graphephorum Cooley (A. Gr.) Farwell, Papers Mich.
Acad. Sci. 1: 88. 1921.

Dupontia Cooley A. Gr.

= *Trisetum melicoides* Man. U. S.

Graphephorum densiflorum Fourn. in Bull. Soc. Bot.
Fr. 24: 182. 1877, nom. nud.

"(*Aira mexicana* Trin. msc., Berl. no. 1617)." this cited sub *Eatonia densiflora* Fourn. in Mex. Fl. p. 112.

Mexico

= *Sphenopholis obtusata* Man. U. S.

Graphephorum ? elliotii Kunth, Rev. Gram. 1: 80. 1829

Based on "*Aira triflora* Ell."

= *Poa cuspidata* Man. U. S.

Graphephorum festuaceum (Willd.) A. Gray, Proc. Amer.
Acad. Sci. 5: 191. 1861; Ann. Bot. Soc. Can.
1: 57. 1861.

Based on *Arundo festuacea* Willd.

= *Scolochloa festuacea* (Willd.) Link.

Germany Man. U. S.

Graphephorum fischeri A. Gray, Proc. Amer. Acad.
5: 191. 1861; Ann. Bot. Soc. Can. 1: 57. 1861.

Based on "*Dupontia fischeri* R. Br."

Arctic America

Graphephorum fischeri var. *psilosanthum* A. Gray, Proc.
Amer. Acad. 5: 191. 1861; Ann. Bot. Soc. Can. 1:
57. 1861.

Based on "*Poa psilosantha* Rupr."

Eur. Russia

Graphephorum flexuosum Thurb. in A. Gray, Proc. Acad.
Nat. Sci. Phila. 1863: 78. 1863.

"Colorado Territory", probably Nebraska

"Hall & Harbour 635."

= *Redfieldia flexuosa* Man. U. S.

Graphephorum fulvum A. Gray in Proc. Amer. Acad.
5: 191. 1861; Ann. Bot. Soc. Can. 1: 57. 1861.

Based on *Poa fulva* Trin.

Escholtz Alaska

= *Colpodium fulvum*

Graphephorum melicoides var. *majus* A. Gray, Ann. Bot.
Soc. Canada 1: 57. Jan. 30. 1861, without descr.;

Proc. Amer. Acad. 5: 191. 1861, without descr.
(Not an exact copy of above, but same combinations made. The date as given by Ewan for this publication is title p. date 1862. Date of issuance and det. by distributed reprints (?) 1861.)

Jan. 30. 1861 publ. gives: "*Dupontia Cooley*, Gray, Man. Bot. N.U.S., ed. 2, p. 556."

Graphephorum melicoides var. *triflorum* (Ell.) Wood,
Amer. Bot. & Flor. Ft. 2. 398. 1871.

Based on *Aira triflora* Ell.

Ga.

= *Poa cuspidata* Man. U. S.

Graphephorum melicoides Desv. Nouv. Bul. Soc.
Philom. Paris 2: 189. 1810.

Based on *Aira melicoides* Michx.

same comb. Beauv. Ess. Agrost. 77, 164. t. 15. f. 8. 1812. same basis

Canada Michaux

Graphephorum melicoides var. *cooley* (A. Gray)
Scribn. Mem. Torrey Club 5: 53. 1894.

Based on *Dupontia cooley* A. Gray

Washington, Macomb Co., Michigan

= *Trisetum melicoides* Man. U. S.

Graphephorum muticum (Boland.) Heller, Cat. N. Amer.
Fl. ed. 2. 31. 1900.

Presumably based on *Trisetum subspicatum* var. *muticum* Boland.

Calif.

= *Trisetum Wolfii* Man. U. S.

Graphephorum nipponicum Honda, Journ. Jap. Bot.
10: 694. 1934.

"Hab. Honshu: in monte Naeba, prov. Echigo (S. Sakawa, anno 1934-typus in Herb. Imp. Univ. Tokyo)."

"A genus new to grass family of Japan!"

Graphephorum nutans Munro ex Duthie, Grasses N. W.
India 41. 1883. No description

"Hab.--N. W. Himalayas 8-9000 feet (Stol.) Nepal (Wallich)."

India

Graphephorum pendulinum A. Gray in Proc. Amer. Acad.
5: 191. 1861; Ann. Bot. Soc. Can. 1: 57. 1861.

Based on "*Poa pendulina* J. Vahl....*Glyceria pendulina* Laestad."

Europe - Am. bor.

Graphephorum pringlei Scribn. in Beal, Grasses N.
Amer. 2: 561. 1896.

"Mexico---summit of Sierra San Felipe"
Fringie 4765.

Graphephorum psilosanthum (Rupr.) Fourn. in Bull. Soc.
Bot. Fr. 24: 182. 1877.

Based on *Poa* (*Dupontia*) *psilosantha* Rupr.

Ins. Kolgujew, Arctic Eur. Russia

Graphephorum shearii (Scribn.) Rydb. in Bull. Torr.
Bot. Club 32: 602. 1905.

Based on "*Trisetum shearii* Scribn....1901."

= *Trisetum montanum* Man. U. S.

Graphephorum wolfii Vasey, Desor. Cat. 55. 1885.

"*Trisetum subspicatum* v. *muticum* Thurb"; Vasey, in Coulter. Man. Rocky Mount. 423. 1885.

"Bot. Wheeler Exped. 294 as *Trisetum wolfii*. Colorado"
Vasey, Cat. preface March 1885.
Coulter preface Jan. 1885.

Graya elegans Nees ex Steud. Syn. Fl. Glum 2: 119.
1854. "Nees (mpt.)"

"*Panicum elegans* W. Arn. in Hrbo. Wight nr. 2033."

"*Andropogon Graya* Steud. Moltr. 4 Zeylon.

= *Sphaerocaryum elegans* Nees

not same as *Graya* Steud.

Graya zeylanica Arnot, ex Steud. Nom. Bot. ed. 2.
1: 705. 1840, nom. nud.

Referred to *Andropogon grayia*. [not in Hack. Monogr.]

op. cit. 1: 94. 1840 "*Graya* Steud. Zeylon."
"*Graya zeylanica* Arnott."
"*Schizachyrium zeylanicum* Nees in Wight hrb."

Hack. in DC. Monogr. Phan. 6: 370. 1889. refers
"*Schizachyrium zeylanicum* W. Arn. ap. Benth Fl. Hongk. p. 423 non Steud." to "*Andropogon pseudo-graya* Steud. Syn. 1: 365," but nowhere accounts for *Graya* nor *Graya*

Greenia arkansana Nutt. Trans. Amer. Phil. Soc. n. ser.
5: 142. 1837.

"On the calcareous hills in the grassy plains of Red river."
[Arkansas]

= *Limnorea arkansana* (Nutt.) L. H. Dewey
Man. U. S.

Greslania circinata Balansa, Bull. Soc. Bot. France
19: 320. 1872.

"Mont Humboldt, dans les bois... (Bal. no. 3580).--Viellard (sine loco) no. 3347." Nouvelle Calédonie
New Caledonia, South Pacific

Greslania montana Balansa, Bull. Soc. Bot. France
19: 320. 1872.

"Dent de Saint-Vincent [Comboul]... (Bal. no. 2917)."

Nouvelle - Calédonie

New Caledonia, South Pacific

Greslania multiflora Pilger, Bot. Jahrb. Engler
39: 23. 1906.

"Sud-Bezirk: auf den Bergen am Ngoye, ... (n. 15177.-Oktober 1902)." Neu-Kaledonien, [R. Schlechter, Collector]

New Caledonia, South Pacific

Greslania rivularis Balansa, Bull. Soc. Bot. France
19: 320. 1872.

"Bord des ruisseaux.--Rivière du Pamboui, près de Missionne (Bal. no. 1742)."

Nouvelle--Calédonie.

Guadua aculeata Rupr. ex Fourn. Cnpt. Rend. Acad.
Sci. (Paris) 84: 198. 1877.

Mentioned in discussion of polygamy of grasses, but enough descr. for publication; Mex. Fl. 2: 130. 1886

"*Colipa* (Liebm. n. 131, 137, 141, 142....Karw. n. 944)...."

(Liebm. 135 and 136 also after note)

Mexico

Guadua aculeata var? *liebmanniana* E. O. Camus, Bamb.
Monogr. 112. 1913.

"Potrero de Cazadero et S. Sebastian, Calipa (Liebm. nos. 135-136)."

Mexico

Quadua amplexifolia Presl, Rel. Haenk. 1: 256. 1830.

"Hab. in Mexico." Haenke

Quadua angustifolia Kunth, Syn. Fl. Aequin. 1: 253.

1822.

Based on *Bambusa guadua* Humb. & Bonpl.

New Granada (Colombia)

Quadua ? capitata (Trin.) Munro, Trans. Linn. Soc.

26: 81. 1868.

Based on "*Bambusa capitata* Trin."

Rio Pardo, Brazil

Quadua dioica Steud. Syn. Fl. Glum. 1: 334. 1854.

"Leprieur legit in Guiana gallico."

French Guiana

Quadua distorta (Nees) Rupr. Mém. Acad. St. Pétersb.

VI Sci. Nat. 34: 131. 1839.

"based on *Bambusa distorta* Nees."

Brazil

Quadua exalata Doell. in Mart. Fl. Bras. 23: 181.

1880.

"Habitat in Venezuelae colonia Tovar (Moritz n. 1685) in Brasilia adhuc quaerenda."

Quadua fasciolaris Doell. in Mart. Fl. Bras.

23: 186. 1880.

"Habitat ad Guianae anglicae fluvium Emékuni, in Merewari flumen decurrentem (Schomburgk), Brasiliae vix exsul."

Quadua flabellata Fourn. ex Hemsl. Biol. Centr. Amer.

Bot. 3: 587. 1885; Mex. Fl. 2: 131. 1886.

"South Mexico, peak of Orizaba ... (Liebmann)." Lieb. 131. [error for 132, type in hb. Haun. is marked 132.]

Quadua glaziowii (Hack. & O. Camus, Bamb. Monogr.

108. 1913.

"*Bambusa glaziowii* Hackel" [glaziowii]

Rio Janeiro, Brazil, Glaziou 17450.

Quadua glomerata Munro, Trans. Linn. Soc. 26: 79.

1868.

"Hab. in Brasilia: in vicinibus Barra, Gape de Rio Negro, Spruce, no. 1196! V. S."

Quadua inermis Rupr. ex Hemsl. Biol. Centr. Amer. Bot.

3: 588. 1885, nom. nud.; ex Fourn. Mex. Fl. 2: 129. 1886.

"*Papantla* (Karw. n. 946b); Colipa (Liebm. n. 138)." Mexico

Quadua intermedia Rupr. ex Hemsl. Biol. Centr. Amer.

Bot. 3: 588. 1885, nom. nud.; ex Fourn. Mex. Fl. 2: 130. 1886.

"*Papantla* (Karw. n. 1464)." Mexico

Quadua latifolia (Humb. & Bonpl.) Kunth, Syn. Fl.

1: 254. 1822.

Based on "*Bambusa latifolia* Humb. & Bonpl."

Venezuela

Quadua Lindmani E. G. Camus, Bamb. Monogr. 113.

pl. 67. f. B. 1913.

Based on: *Quadua* sp. Hack. & Lindm. in Lindm. Svenska (Konigl.) Vetensk.-Akad. Hand. 34: 22. pl. 11, fig. C. 1900 (1901 teste Camus)

Type: "Hab. in Brasilia austr., Rio Grande do Sul, colonia Silveira Martins, in silva primaeva, "*Cecilia*" incolis, Exp. I. Regnell., A. 1343." (from Hack. & Lindm., p. 22)

Quadua longifimbriata E. G. Camus, Bamb. Monogr.

113. 1913.

"Brésil: Petropolis, Sao Christovao (Glaziou, no. 5717)." U.S.

Quadua macrostachya Rupr. Mém. Acad. St. Pétersb. VI.

Sci. Nat. 34: 129, pl. 15. f. 35. 1839.

Guyana gall. (V. sp. ex Herb. Mus. Paris.)

French Guiana

Quadua maculosa (Hack.) E. G. Camus, Bamb. Monogr.

106. 1913.

"*Bambusa maculosa* Hack."

Goyaz, Brazil

Quadua pallescens Doell. in Mart. Fl. Bras. 23: 186.

1880.

Brazil "Habitat prope Rio de Janeiro (Glaziou n. 2832)."

Quadua paniculata Munro, Trans. Linn. Soc. 26: 85.

1868.

"Hab. in Brasilia tropica, prov. Goyaz ad flum. Tocantins, in sylvis, Burchell, no. 8852!; prov. Pernambuco, Rio Preto, in sylvis... Gardner, no. 2981! V.S."

Quadua paraguayana Doell. in Mart. Fl. Bras.

23: 179. 1880.

"Habitat in ripa fluminis Paraguay (Balansa n. 133, in Brasilia adhuc quaerenda."

Quadua parviflora Presl, Rel. Haenk. 1: 257. 1830.

"Hab. in montanis Peruviae huanocoensis."

Haenke

Quadua (?) perligulata Pilger, Bibl. Bot. 116: 57.

with fig. 1937.

"Mittel-Ecuador: Interandines Hochland: Prov. Chimborazo Tipococha, feuchte Stellen im oberen Bergwald, ca. 3200 m d M., Aug. 1933 (Diels 565--Typus speciei!)"

Quadua philippinensis Gamble, Philippine Journ. Sci.

Bot. 8: 203. 1913.

"Mindanao, District of Davao, Mati, C. W. Piper 475, May 15, 1911."

Philippines

Quadua polycolados Doell. in Mart. Fl. Bras.

23: 182. 1880.

"Habitat ad Caracas in colonia Tovar (Karsten 1849); in Brasilia adhuc quaerenda."

Venezuela

Quadua refracta Munro, Trans. Linn. Soc. 26: 84. 1868.

"Hab. in Brasilia tropica, prov. Goyaz, Burchell, no. 7642! Gardner, no. 4063! V.S."

Quadua Ribbentropii Herter, Revist. Sudamer. Bot.

6: 148. 1940.

Based on *Bambusa taouara* Ar[ech], non *B. taouara* Nees.

[illustr. f. 192. Herter, Fl. illustr. Uruguay 14: 48. 1940]

Quadua riograndensis (Dutra) Herter, Revist. Sudamer.

Bot. 6: 148. 1940.

Based on *Bambusa riograndensis* Dutra

Rio Grande do Sul

Brazil

Quadua spinosa (Swallen) McClure, Phytologia 5: 82.

1954.

Based on *Arthrostylidium spinosum* Swallen

British Honduras

Quadua spinosissima (Hack.) E. G. Camus, Bamb.

Monogr. 112. 1913.

"*Bambusa spinosissima* Hackel"

Santa Catharina, Brazil

Quadua superba Huber, Bol. Mus. Goeldi 4: 479. 1904.

"rio Purús" Brazil [Huber?]

Quadua tagora (Nees) Kunth, Rev. Gram. 1: Suppl. XXXIII.

1830; Enum. Fl. 1: 434. 1833.

Based on "*Bambusa tagora* Nees"

São Paulo, Brazil.

Quadua tessmannii Pilger, Notizbl. Bot. Gart. Berlin

10: 124. 1927.

"Ost-Peru: Mittlerer Ucayali, Yarina Cocha, Sumpfgebiet am See, Tessmann n. 5441; Typus)." .

Quadua tomentosa Hack. & Lindm. Svensk Vet. Akad.

Handl. 34(6): 20. pl. 12. 1900.

"Hab. in Brasil austr. ... Exp. I. Regnell., A. 1433." [Lindman Rio Grande do Sul, Colonia Ijuí.]

Quadua trinitii (Nees) Rupr. Mém. Acad. St. Pétersb. VI.

Sci. Nat. 34: 130. pl. 15. f. 38. 1839.

Rupr. gives Nees as author of *Quadua trinitii*. He very probably meant it for basis.

"Based on *Bambusa trinitii* Nees."

Brazil Sello

Quadua trinitii var. *scabra* Doell. in Mart. Fl. Bras.

23: 179. 1880.

"Varietas /3 prope Lagoa Santa in silvae margine ad Lapa Vermelha frequens (Warming)."

Brazil

Quadua venezuelae Munro, Trans. Linn. Soc. 26: 86.

1868.

"Hab. in Venezuela, Dr. Krueger! V.S."

Quadua virgata (Trin.) Rupr. Mém. Acad. St. Pétersb.

VI. Sci. Nat. 34: 130. 1839.

"Based on *Bambusa virgata* Trin."

Est. Minas, Brazil

Quadua weberbaueri Pilger, Repert. Sp. Nov. Fedde
1: 152. 1905.

"Peru: Moyobamba (Dep. Loreto), in formatione
„Matorral“....(Weberbauer no. 4562...
U.S."

Quaduella densiflora Pilger, Bot. Jahrb. Engler
30: 123. 1901.

"Kamerun:....Waldes bei Bantago (Dinklage n. 1343-
1891."

Africa

Quaduella foliosa Pilger, Bot. Jahrb. Engler
45: 211. 1910.

"Kamerun: zwischen Babong und Bakaka, auf steinigem
Boden im Hochwald, 400-500 m. ü. M. (Ledermann
n. 1177.-Blühend im November 1908)."

Africa

aff. *G. ledermannii* Pilger

Quaduella ledermannii Pilger, Bot. Jahrb. Engler
43: 387. 1909.

"Kamerun: Nkolebunde, am Malende-Ufer im Walde kleine
Bestände bildend (Ledermann n. 982.)"

Africa

Quaduella longifolia E. G. Camus, Bamb. Monogr.
114. 1913.

"Gabon"

West Trop. Africa

Quaduella macrostachys (Schum.) Pilger, Wiss. Ergebn.
Deutsch.-Zentr.-Afr. Exped. 2(1910-11): 93.
1922, in obs.

Based on *Microbambus macrostachys* Schum.

Quaduella marantifolia Franch. Bull. Soc. Linn.
Paris 1: 676. 1887.

[misspelled *Quadella* in text]

"Gabonia, in sylvis, loco non indicato, legit R. P.
Duparquet." Africae tropicae occidentalis.

Quaduella marantifolia var. *brevifolia* Franch. Bull.
Soc. Hist. Nat. Autun 8: 389. 1893.

"Hab.--Congo, région de l'Ogooué dans l'île de
n'Djole (Thollon, n. 51)."

Africa

Quaduella marantifolia var. *duparqueti* Franch. Bull.
Soc. Hist. Nat. Autun 8: 388. 1893.

"Hab.--Gabon (R. P. Duparquet)...."

West Trop. Africa

Quaduella mildbraedii Pilger, Bot. Jahrb. Engler
51: 422. 1914.

"Kamerun: Südkameruner Waldgebiet; Bez. Kribi-
Kampo, Randgebirge zwischen Ebolowa und Kampo
(A. Schultze in coll. J. Mildbraed n. 6182)."

West Trop. Africa

Quaduella oblonga Hutch. & Dalziel, Fl. West. Trop.
Afr. 2: 503. 1936, without descr.

Fuelia ciliata Franch. misappl. by Chev. Expl. Bot.
1: 753. 1920; Rev. Bot. Appl. Agr. Trop. 1934.

Côte d'Ivoire: Pays Téo. Chevalier 19758.

Ivory Coast. Africa

Quaduella zenkeri Pilger, Bot. Jahrb. Engler
30: 123. 1901.

"Kamerun: Bipinde, im Urwald am Bijokawasserfall
(Zenker n. 1144.....1896)."

Trop. West Africa

Gymnachne Jaffuelii Parodi, Not. Mus. La Plata 3: 30.
f. 4. 1938.

"Chile. Concepción, leg. Félix Jaffuel no. 1884,
XII - 1931 (Typus sp. in herb. L. R. Parodi)
y no. 1884a XI - 1937."

"Aff. *Rhombolytrum Berteroanum* and *Tridonia* [*Tridens*]
filiformis"

Gymnandropogon annulatum Munro, Duthie in Atkins, Gaz.
N. W. Ind. 638. 1878! Not verified; not in
Hackel

= *Andropogon annulatus*.---Ind. Kew.

India

Gymnandropogon triste [Munro] Duthie in Atkins, Gaz.
N. W. Ind. 638. 1878! Not verified; not in
Hackel

India

Gymnanthelia commutata (Steud.) Schweinf. & Aschers.
in Schweinf. Beitr. Fl. Aethiop. 299, 310 [error
for 306] 1867.

Based on *Andropogon commutatus* Steud.

Basis of *Cymbopogon commutatus* (Steud.) Stapf

Africa

Gymnanthelia connata (Hochst.) Schweinf. & Aschers.
in Schweinf. Beitr. Fl. Aethiop. 299, 310 [error
for 306] 1867.

Based on *Andropogon connatus* Hochst.

= "

Africa

Gymnanthelia lanigera, Anderss. in Schweinf. Beitr.
Fl. Aethiop. 300, 310 [error for 306] 1867.

Based on *Andropogon laniger*[a] Desf.

= *Cymbopogon schoenanthus* Spreng. fide Stapf

Africa

Gymnanthelia martini Anderss. in Schweinf. Beitr. Fl.
Aethiop. 300, 310 [error for 306] 1867.

Based on *Andropogon martini* Roxb. Not L.

= *Cymbopogon giganteus* fide Stapf.

Africa

Gymnanthelia nervata (Hochst.) Schweinf. & Aschers.
in Schweinf. Beitr. Fl. Aethiop. 300, 310 [error
for 306] 1867.

Based on *Andropogon nervatus* Hochst.

= *Cymbopogon nervatus* fide Stapf.

Gymnanthelia proxima Anderss. in Schweinf. Beitr. Fl.
Aethiop. 300, 310 [error for 306] 1867.

Based on *Andropogon proximus* [Hochst.]

= *Cymbopogon proximus* (Hochst.) Stapf.

Africa

Gymnanthelia semnaarensis (Hochst.) Schweinf. & Aschers.
Beitr. Fl. Aethiop. 300, 310 [error for 306] 1867.

Based on *Andropogon semnaarensis* Hochst.

= *Cymbopogon semnaarensis* (Hochst.) Chiov.

Gymnopogon ambiguus (Michx.) B.S.P. Prel. Cat. N. Y.
69. 1888, without descr.

Presumably based on *Andropogon ambiguus* Michx.

"(*G. racemosus*, Beauv.)" cited.

"Carolina, Michaux." Man. U. S.

Gymnopogon aristiglus Hitchc. Proc. Biol. Soc.
Washington 40: 82. 1927.

"Typus in the U. S. National Herbarium, no. 1169956,
collected at Rosario, El Salvador, January, 1924,
by Salvador Calderón (no. 1924)."

Salvador, Central America

Gymnopogon Beyrichianus (Kunth) Parodi, Univ. Nac.
Buenos Aires Rev. Céntr. Estud. 18: 148. f. 55. 1925

Based on *Chloris Beyrichiana* Kth.

= *Chloris*

Brasil, Rio de Janeiro

Gymnopogon biflorus Pilger, Bot. Jahrb. Engler
30: 139. 1901.

"Mattogrosso: auf trocknem, steinigem Boden im
oberen Cuyabáthal (n. 489.-- April 1899)."
[Hermann Meyer, Coll.]

Brazil

Gymnopogon brevifolius Trin. Gram. Unifl. 238. 1824.

"V. spp. e Delaware"

Man. U. S.

Gymnopogon burchellii (Munro) Elman, Ark. fdr Bot.
11(4): 35. 1912.

Based on "*Leptochloa Burchellii* Munro sp. Doell"

Brazil

Gymnopogon Chapmanianus Hitchc. Amer. Journ. Bot.
2: 306. 1915.

"Type specimen in the U. S. National Herbarium, no.
733684, collected in a sandy meadow at Sanford,
Florida, September 25, 1907, by Agnes Chase (no.
4135)."

Man. U. S.

Gymnopogon delicatulus (C. B. Clarke) Bor, Grasses of
Burma, Ceylon, India and Pakistan 472. 1960.

Based on *Chloris delicatulus* C. B. Clarke

Exsicc.- J. H. Lace 5007, Burma; C. B. Clarke 33855,
Hazaribagh.

Gymnopogon digitatus Nees ex Steud. Nom. Bot. ed. 2.
1: 713. 1840, as syn. of *Chloris tetrameris*

= *Chloris incompleta* ?

East Indies?

Gymnopogon distichophyllus Steud. Syn. Fl. Glum.
1: 218. 1854.

"*Sciadonardus distichophyllus* Steud. Fl. 1850 p. 229
Agrostis Boeckeleri Seubert Hrbr. Texas nr. 128.
Louisiana Herbr. Hartmann nr. 57. Texas."

= *Gymnopogon ambiguus* Man. U. S.

Gymnopogon elongatus Nees ex Steud. Nom. Bot. ed. 2.
1: 713. 1840, as syn. of *Chloris tetrameris*.

= ? *Cynodon elongatus*

= ? *Chloris incompleta*

East Indies?

Gymnopogon fastigiatus Nees, *Agrost. Bras.* 430. 1829.

"Habitat in campis altis, Generales diotis, provinciae S. Pauli."

Brazil

[*Monochaete fastigiatus* based on this]

Gymnopogon filiformis Griseb. *Fl. Brit. W. Ind.* 538. 1864.

"Trinidad!, Cr."

= *Gymnopogon spicatus* (Spreng.) Kuntze

Grass. W. I. Man. W. I.

Gymnopogon floridanus Swallen, *N. Amer. Fl.* 17: 607. 1939.

"Type collected on open sandy prairie, Penny Farms, Clay County, Florida, Nov. 15, 1938, Swallen 5596 (U. S. Nat. Herb. no. 1723536)."

Man. U. S.

Gymnopogon foliosus (Willd.) Nees, *Agrost. Bras.* 426. 1829.

Based on "*Chloris foliosa* Willd." [1805]

St. Thomas, W. I. Man. W. I.

Gymnopogon haumanii Parodi, *Physis* 4: 183. 1918.

Cites: *Chloris radiata* Hack. non Swartz.

"Trinidad, Asunción leg. M. S. Bertoni, número 2493." Argentina

[*Chloris pycnothrix* Trin.]

Gymnopogon jubiflorus Hitchc. *Contr. U. S. Nat. Herb.* 24: 412. 1927.

Type in the U. S. National Herbarium no. 879400, collected at Guanay, northern Bolivia, alt. 600 meters, May 1886, by H. H. Rusby (no. 215)."

Gymnopogon laevis Nees, *Agrost. Bras.* 428. 1829.

"ad Monte Video. (Sellow....Vidi in Herb. Reg. Berol.)"

Uruguay

T = *spicatus*

Gymnopogon laevis var. *pluriflorus* Doell in *Mart. Fl. Bras.* 23: 81. 1878.

"prope Xpanema (Riedel)." [S. Paulo]

Brazil

Gymnopogon longifolius Fourn. ex Hemsl. *Biol. Centr. Amer. Bot.* 3: 560. 1885, nom. nud.; *Max. Fl.* 2: 144. 1886.

"Vera Cruz,...(Gouin n. 52)."

Mexico

= *Chloris chlorides* Man. U. S.

1886 ref. given in Man.

Gymnopogon mensense Schweinf. *Bull. Herb. Boiss.* 2 (Append. 2): 32. 1894.

"Aethiopian., Colonia Eritrea. Geleb, am Bach (1700 M.) 1510, coll. 91." [Schweinfurth, Coll.]

"aus dem Gebiet der Mensa-----"

Eritrea, Italian East Africa.

Abyssinia

Gymnopogon mollis Nees, *Agrost. Bras.* 427. 1829.

"in graminosis planis super terram arenosam camporum, quos Mimosa dicunt, prov. Pernambucoe et Piahiensis, inde a Joazeiro ad Oeiras usque; in ripa fluminis Peruaquae prope Oppidum Cachoeira et in graminosis prope Soteropolin prov. Bahiensis."

= *Chloris mollis* (Nees) Swallen

Brazil

Gymnopogon muticus Hack. in *Stuck. Anal. Mus. Nac. Buenos Aires* 21: 117. 1911. "nomen ad inter."

"St[uokert] no. 20,282---Colonia Benites, Chaco." Argentina

"*Gymnopogon pilosus* (Willd.) Nees", *Ramia, Sabanas de Apure* 47. 1959.

"Pilosus" error for *foliosus* (Willd.) Nees, based on *Chloris foliosus* Willd.

Brazil....insula St. Thomas...., Porto Rico; S. Domingo (Trin.)

Gymnopogon pullulans Doell in *Mart. Fl. Bras.* 23: 82. 1878.

"Habitat in provincia S. Pauli (Burchell n. 5398)."

= *foliosus*

Brasil

Gymnopogon racemosus Beauv. *Ess. Agrost.* 41, 164. pl. 9. f. 3. 1812.

"Evidently a change of name for *Andr. ambiguus* Michx. with which the figure agrees"---A.C.

= *G. ambiguus* (Michx.) B.S.P. Man. U. S.

Gymnopogon radiatus (L.) Parodi, *Physis* 4: 180. 1918.

Based on *Agrostis radiata* L.

= *Chloris radiata* Man. W. I. Man. U. S.

Gymnopogon radiatus var. *Beyrichiana* (Kunth) Parodi, *Physis* 4: 173. 1918.

Based on *Chloris beyrichiana* Kunth

= *Chloris pycnothrix*

Brazil....prope Rio de Janeiro

Gymnopogon rigidus Thwaites, *Enum. Fl. Zeyl.* 372. 1864

"Hab. Hot drier parts of the island." Ceylon.

"C.P. 914"

Gym. *rigidus* Thw. is basis of *Dichaetaria wightii* Nees in *Steud. Syn. Fl.* 1: 145-146. 1854. *Herb. Wight 1035*. Ind. Or.

[not 914 cited by Thwaites]

Gymnopogon rigidus Doell in *Mart. Fl. Bras.* 23: 80. 1878. Not Thwaites 1864.

"Habitat ad Lagoa Santa prov. Minarum (Warming)."

Brazil

Gymnopogon rupestris Ridley, *Journ. Linn. Soc. Bot.* 27: 73. 1890.

"tolerably abundant in Portuguese Bay. It also occurred along the woodcutters' track in the Sapate, and on the summit of Tangle Rock." [Fernando Noronha]

Brazil

[coll. Ridley, Lea & Ranage]

= *Chloris rupestris* (Ridley) Swallen

Gymnopogon scoparius Trin. *Gram. Unifl.* 237. 1824.

"V. spp. e New Jersey."

= *G. ambiguus* (Michx.) B.S.P. Man. U.S.

Gymnopogon spicatus (Spreng.) Kuntze, *Rev. Gen. Fl.* 33: 354. 1898.

Based on *Polypogon spicatus* Spreng.

Brazil

Valid - Gr. W. I.

Gymnopogon spicatus var. *brevisetus* Hack. in *Stuck. Anal. Mus. Nac. Buenos Aires* 21: 117. 1911.

[Stuckert]
"St. no. 18,744. Estancia Santa Rita, por Vela, Prov. B.-A. (M.B.)."

[Prov. Buenos Aires]

Argentina, S. Amer.

Gymnopogon spicatus var. *longiaristatus* Kuntze, *Rev. Gen. Fl.* 33: 354. 1898.

"Bolivia: Ost-Velasco 200m."

Gymnopogon spicatus var. *pluriflorus* Doell, ex Rojas, *Revist. Jard. Bot. Paraguay* 2: 170. 1930, without description.

"Rojas No. 2767 Campo pendiente de loma San Salvador. Marzo 1917 - Paraguay."

Gymnopogon virletii Fourn. in *Hemsl. Biol. Centr.*

Amer. Bot. 3: 560. 1885, nom. nud.; *Fourn. Mex. Fl.* 2: 144. 1886.

"San Luis de Potosi (Virlet n. 1441)."

= *Chloris chloridea*

Mexico

Gymnopogon wightii (Nees) Koord. *Ex-kursionsfl.*

Java 1: 152. 1911.

Based on *Dichaetaria wightii* Nees

same as *Gymnopogon rigidus* Thw. but different collection cited.

Gymnostichum californicum Boland. ex Thurb. in *S. Wats. Bot. Calif.* 2: 327. 1880.

[Boland. *Cat. Fl. San Francisco* 35. 1870, nom. nud.]

"Red Woods, near San Francisco (Boland); Saucelito [Sausalito], Kellogg & Harford n. 1107."

= *Hystrix californica* Man. U. S.

Cite: Boland. ex Thurb. in *S. Wats.*

Thurber wrote *Gramineae* in *S. Wats.* cites Bolander after species. This refers to Bolander's *Cat.* 35, without descr.

Gymnostichum gracilis Hook.f. *Fl. Nov. Zeland* 1: 312. pl. 70. 1853.

"Hab. Northern and Middle Islands: Woods at Patea and Tarauera villages, Colenso; Akaroa, Raoul."

= *Cockaynea gracilis* (Hack.) Zotov

New Zealand

Gymnostichum hystrix (L.) Schreb. *Beschr. Gräs.* 2: 127. pl. 47. 1810.

Based on *Elymus hystrix* L.

= *Hystrix patula* Moench Man. U. S.

Gymnostichum majus Heynck. *Nom.* 1: 371. 1840, without description.

Gives "(Fresen.)" in parenthesis

Gymnostichum patulum (Moench) Lunell, *Amer. Midl. Nat.* 4: 228. 1915.

Based on *Hystrix patula* Moench

Virginia, Clayton

= *Hystrix patula* Moench Man. U. S.

Gymnostrix nubia Hochst. *Ann. Sci. Nat. Bot.* III. 5: 351. 1846, (error for *Gymnothrix* Hochst. q.v.) as syn. *Setaria* Hochstetteri Kth.

Africa

Gymnothrix adoensis Hochst. ex Steud. Nom. Bot. ed. 2.
1: 713. 1840, nom. nud.; Hochst. ex A. Rich. Tent.
Fl. Abyss. 2: 381. 1851, as syn. of *Pennisetum*
schimperii A. Rich.

Abyssinia, Africa

= *Pennisetum*

Gymnothrix alopecuroides Nees ex Steud. Syn. Fl. Glum.
1: 102. 1854, (species not cited, only "mspt. sub
Gymnothrix"); Jacks. Ind. Kew 1078. 1893.

as syn. of *Pennisetum alopecuroides*

"Wight hrbr. nr. 66."

East Indies

Gymnothrix bambusiformis Fourn. in Hemsl. Biol. Centr.
Amer. Bot. 3: 507. 1885, nom. nud.; Mex. Fl.
2: 48. 1886.

"In virgultis argillosis prope *Mirador* (Schaffn. n. 338)."

= *Pennisetum bambusiforme*.
Mexico

Gymnothrix caudata Schrad. Goett. Anz. Ges. Wiss.
3: 2073. 1821.

Cape of Good Hope. Hesse, Collector.

Africa

Gymnothrix cenchroides Roem. & Schult. Syst. Veg.
2: 499. 1817.

Based on *Cenchrus hordeiformis* Thunb.

"From. Bonae Spei", Africa Coll. Thunberg

= *Pennisetum*

Gymnothrix cenchroides Wight. ex Steud. Syn. Fl.
Glum. 1: 102. 1854, as syn. of *Pennisetum alopecuroides* Steud.

"Wight hrbr. nr. 66."

= *Pennisetum*

Ceylon

Gymnothrix chilensis E. Desv. in C. Gay, Fl. Chil.
6: 251. pl. 74. 1853.

"Esta especie traída de Chile por el señor Cl. Gay."

Pennisetum

Gymnothrix cladodes Hochst. ex Steud. Syn. Fl. Glum.
1: 104. 1854, as syn. of *Pennisetum glaucifolium*
Hochst.

("Hrbr. un. it. Abyss. nr. 390.")

= *Pennisetum*

Gymnothrix complanata Nees, Bonplandia 3: 83. 1855.

"Seemann n. 1560. Panama."

= *Pennisetum complanatum*.

Gymnothrix compressa (R. Br.) Brongn. in Duperrey, Bot.
Voy. Coquille 2: 103. pl. 9. 1831.

Based on "*Pennisetum compressum* R. Br."

Nov. Holland

Gymnothrix orinita H.B.K. Nov. Gen. & Sp. 1: 112. 1815.

"Crescit in littore lacus Cuiseo, prope La Puerta
de Andaraques, et juxta S. Rosa, inter segetes, in
regno Mexicano, alt. 900 hexap.
[Humb. & Bonpl.]

Mexico

= *Pennisetum orinitum* (H.B.K.) Spreng.

Gymnothrix distachya Fourn. in Hemsl. Biol. Centr.
Amer. Bot. 3: 509. 1885, nom. nud.; Mex. Fl.
2: 48. 1886.

"*Pennisetum distachyum* Rupr.... (Gal. n. 5680)
nom. nud."

see = *Pennisetum distachyum* (Fourn.) Rupr. Bull.
Acad. Sci. Brux. 9: 242. 1842, nom. nud.; ex Chase
Contr. U. S. Nat. Herb. 22: 229. f. 74. 1921.

Mexico

Gymnothrix domingensis Spreng. ex Schult. Mant.
2: 284. 1824.

Hab. "In S. Domingo. Bertero."

= *Pennisetum domingense* (Spreng.) Spreng.

W. I. Grass.

Gymnothrix elegans (Hassk.) Buse in Miquel, Fl.
Jungh. 368. 1854.

Based on "*Serioura elegans* Hassk."

Java

Buse, not Buese acc. to Henr.

= *Pennisetum*

Gymnothrix flaccida Munro ex Aitch. Cat. Punjab Fl.
163. 1869.

Presumably based on *Pennisetum flaccidum* Griseb.

1868.

India

Gymnothrix geniculata Schult. Mant. 2: 284. 1824.

"In Martinica Hortul. D. Sieber."

[= *Pennisetum sieberi*]

"*Setaria geniculata* Sieb." nom. nud. cited.

= *Pennisetum setosum* (Sw.) L. Rich.

Gymnothrix gigantea (A. Rich.) Walp. Ann. Bot. 3: 722.
1852-53.

Based on *Pennisetum giganteum* A. Rich.

in ripis rivuli Mariam-chawito, non procul ab urbe
Adoua, ... (Martin Dillon)

Africa

= *Pennisetum*

Gymnothrix glabra Hochst. Flora 24(Intell. 1): 19. 1841,
nom. nud.; ex Rich. Tent. Fl. Abyss. 2: 381. 1851,
as syn. of *Pennisetum schimperii* A. Rich.

Abyssinia

= *Pennisetum glabrum* (Hochst.) Steud.

Gymnothrix glaucifolia (Hochst. ex A. Rich.) Walp.
Ann. Bot. 3: 722. 1852-53.

Based on *Pennisetum glaucifolium* Hochst. ex A. Rich.

India

= *Pennisetum*, acc. to Leake

Gymnothrix grisebachiana Fourn. in Hemsl. Biol. Centr.
Amer. Bot. 3: 508. 1885, nom. nud.; Fourn. Mex.
Fl. 2: 48. 1886.

"Mirador (Schaffn. n. 185 pl. ed. Hohen.)."

= *Pennisetum complanatum* (Nees) Hemsl.

Mexico

Gymnothrix hordeiformis (Thunb.) Nees, Linnaea
7: 276. 1832.

Based on "*Panicum hordeiforme* Thunb."

[Thunberg, Fl. Jap. 46. 1784, cites "*Alopecurus*
hordeiformis L. Sp. Fl. p. 99." but describes a
plant from Nagasaki, Japan.]

= *Pennisetum*

Gymnothrix ? hordeoides (Lam.) Kunth, Rev. Gram.
1: 48. 1829.

Based on *Panicum hordeoides* Lam.

Sierra Leone, Africa

Gymnothrix humilis (Hochst. ex A. Rich.) Walp. Ann.
Bot. 3: 722. 1852-53.

Based on *Pennisetum humile* Hochst. ex A. Rich.

= *Pennisetum*

Gymnothrix japonica (Trin.) Kunth, Rev. Gram. 1: Suppl.
XII. 1830. (Kunth, Enum. Fl. 1: 158. 1833)

Based on *Pennisetum japonicum* Trin.

Japan

= *Pennisetum* acc. to Leake

Gymnothrix japonica var. *viridescens* Miquel, Ann.
Mus. Bot. Lugd. Batavi 2: 276. 1866.

"Buerger, Siebold; locis arenosis prope Jedo ins.
Nippon Pierot." [Japan]

= *Pennisetum*

Gymnothrix latifolia (Spreng) Schult. Mant. 3(Add. 1):
601. 1827

Based on "*Pennisetum latifolium* Spreng."

=

Monte Video

Andes Grasses

Gymnothrix latifolia Presl, Rel. Haenk. 1: 316. 1830.
Not Schult. 1827.

"Hab. in Peruviae montanis huanocensisibus."

Haenke

= *Pennisetum*

Gymnothrix longiglumis Munro ex Hook. f. Fl. Brit.
Ind. 7: 85. 1896, as syn. of *Pennisetum dichotomum*
Delile

Cited in Frain, Fl. Trop. Afr. 9: 973. 1934:
"*Gymnothrix longiglumis* Munro, Cat. Fl. Griffith,
Falconer & Helfer 56. 1865, name only."

= *Pennisetum*

Gymnothrix macrostachys Brongn. in Duperrey, Bot. Voy.
Coquille 2(2): 104. pl. 10. 1831.

"Loc.: Bourou, dans les Moluques."

Malay Archipelago

= *Pennisetum*

Gymnothrix mexicana Fourn. in Hemsl. Biol. Centr.

Amer. Bot. 3: 508. 1885, nom. nud.; Mex. Fl. 2: 48
1886.

"Orizaba---(Bourg. n. 3139, Schaffn. n. 105, 174,
Thomas in herb. Buchinger, F. Müll. n. 2015, Bott.
n. 143, 1486); Papantla (Liebm. n. 344)."

= *Pennisetum complanatum*

Gymnothrix nervosa Nees, Agrost. Bras. 277. 1829.

Brazil

"Habitat in cultis graminosis ad Bahiam provinciae
ejusdem nominis."

= *Pennisetum nervosum*

Gymnothrix nigricans Presl, Rel. Haenk. 1: 315. 1830.

= *Pennisetum nigricans*

"Hab. in Luzonia."

Luzon, Philippine Isl.

Gymnothrix nitens Anderss. in Peters, Reise
Mossamb. Bot. 552. 1864.

"Standort: Auf trocknen sandigen, oder in der
Nähe sumpfiger Wiesen der Halbinsel Cabapeira,
15° S. B." [Peters 1842-48/Mozambique from title]

East Africa

= *Pennisetum*

Gymnothrix nubica Hochst. Flora 27: 251. 1844.

"(In pll. exsicc. Un. it. ex Kotschy it. Nubico
nr. 152. et in Fl. Aethiopica Th. Kotschy exsicc.
nr. 13 et 368.)"

(Beckera)

Hochst. Flora 25: Beibl. 133. 1842, nom. nud.
No spec. cited. Title says "Sendung von Pflanzen
aus Nubien und Kordofan" (Kotschy, Coll.)

Africa

Gymnothrix paupera Nees ex Steud. Syn. Fl. Glum.

1: 102. 1854. (species not mentioned, only
"mpt. sub *Gymnothrix*"); Jacks. Ind. Kew. 1078.
1893.

= *Pennisetum exaltatum* fide Leeke p. 32.

Galapagos

Gymnothrix peruviana (Trin.) Doell in Mart. Fl.

Bras. 2: 302. 1877.

"*Pennisetum peruvianum* Trinius apud Poeppig in
Linnaea X. 295."

"Peru: Without locality, Poeppig"

= *Penn. peruvianum* Trin. In Grass. Ecuador, Peru,
& Bolivia

Gymnothrix petiolaris Hochst. Flora 27: 250. 1844.

"(*Setaria dioica* Hochst. foemina in pll. exsicc.
Un. it. ex itin. Schimper Abyssinico nr. 126)."
(Beckera)

Abyssinia, Africa

Gymnothrix polystachya (L.) Swartz in Trin. Gram. Pan.

66. 1826, in obs.

Based on *Panicum polystachyon* L.
stachion L.

[East Indies]

Gymnotrix preslii Kunth, Rev. Gram. 1: Suppl. XII.

1830; Enum. Fl. 1: 160. 1832.

Based on "*Gymnotrix latifolia* Presl."

= *Pennisetum preslii* Trin.

[not Schult. 1827] See note in Grass. Ecuador, Peru
& Bol. - p. 486.

Huanuco, Peru, Presl.

Gymnotrix purpurascens Schrad. Goett. Anz. Ges. Wiss.

3: 2072. 1821.

Cape of Good Hope. Hesse, Collector.

= *Pennisetum Thunbergii*

Gymnothrix purpurascens Swartz ex Steud. Nom. Bot.

1: 713. 1840, as syn. of *Pennisetum compressum*
R. Br. Not Schrad. 1821.

= *Pennisetum compressum*.

Gymnotrix quartiniana (A. Rich.) Walp. Ann. Bot.

3: 723. 1852-53.

Based on "*Pennisetum quartiniana* A. Rich."

Prov. Chiré, Abyssinia (Dillon)

Africa

Gymnothrix ramosa Hochst. Flora 27: 252. 1844.

"(Fl. exsicc. Aethiopica Th. Kotschy nr. 199)"

"Habitat in provincia Sennaar."

Africa

Gymnothrix rigida Griseb. Goett. Anz. Wiss. Ges.

19: 263. 1874.

"Cordoba, frequens, e.c. in regione montana pr.
Ascochinga." [Lorentz, coll.]

Argentina

Gymnotrix riparia (Hochst. ex A. Rich.) Walp. Ann.

Bot. 3: 722. 1852-53.

Based on *Pennisetum riparium* Hochst. ex A. Rich.

Adoua, Abyssinia, Africa
(Schimper)

Pennisetum

Gymnotrix riparioides (Hochst. ex A. Rich.) Walp. Ann.

Bot. 3: 723. 1852-53.

Based on *Pennisetum riparioides* Hochst. ex A. Rich.

prov. Chiré (Dillon)... Adoua (Schimper)

Abyssinia, Afr.

Gymnothrix schimperii (Steud. ex A. Rich.) Walp. Ann.

3: 722. 1852-53.

(*Gymnothrix schimperii* Hochst. Flora 24(Intell. 1):
19. 1841, nom. nud.
Gymnothrix schimperii Hochst. ex A. Rich. Tent. Fl.
Abyss. 2: 381. 1851, as syn. of *Pennisetum*
schimperii Steud. ex A. Rich.)

Based on *Pennisetum schimperii* Steud. ex A. Rich.

Adoua (Dillon & Schimper), Abyssinia, Africa

= *Pennisetum*

Gymnothrix sphacelata Nees, Fl. Afr. Austr. 68. 1841.

"In vallibus montium Stormbergen 4500' alt., ad
Gekau 1000' alt. et inter Gekau et Basche
1500-2000' alt., (Drège)."

Africa

Gymnotrix thouarsii Steud. Nom. Bot. 1: 386. 1821,

as syn. of *G. oenochroides* Roem. et Schult.

"vid. *oenochroides*"

= *Pennisetum*

Gymnotrix thuarii Beauv. Ess. Agrost. 60. pl. 13. (f.6)
1812.

"---communiquée par M. Dupetit - Thouars, ---l'Is-
de-France."

[Probably *Pennisetum cafferum* (Bory) Leeke]

Gymnotrix tristachya H.B.K. Nov. Gen. & Sp. 1: 113.

1815; 7: pl. 678. 1825.

"Crescit in valle arcta, umbrosa prope Puembo, in
humidis regni Quitensis." Humb. & Bonpl.

Ecuador

= *Pennisetum tristachyum* (H.B.K.) Spreng.

Grass. Ecuador, etc.

Gymnotrix uniseta Nees, Fl. Afr. Austr. 66. 1841.

"In hortis Caffrorum ad Port Natal (Drège)"

(*Pennisetum unisetum*)

= *Beckeriopsis uniseta* (Nees) Schum.

Africa

Gynerium argenteum Nees, Agrost. Bras. 462. 1829.

"Habitat ad Sebastianopolin et in provincia S. Pauli
(Mart); ad Monte-Video (Sellow) (Vidi in Herb. Reg.
Berol.)"

Brazil, Uruguay

= *Cortaderia argentea*

Gynerium argenteum var. *parviflora* E. Desv. in C. Gay,

Fl. Chil. 6: 328. 1853.

En Mal Paso, cordillera de Guanta, á la orilla de
los arroyos...en donde forma copas apretadas de 1
metro y mas (Gay)."

[Chile]

= *Cortaderia*

Gynerium argenteum var. *purpurascens* Sodiro, Anal.

Univ. Quito 1889: 9. 1889. [inadequate descrip-
tion in Spanish but enough for publication.]

Ecuador

= *Cortaderia*

Gynerium argenteum var. *stricta* E. Desv. in C. Gay

Fl. Chil. 6: 328. 1853.

"Rio Copiapo, junto á Nantoco (Meyen)."

Chile

Cortaderia

Gynerium atacamense Phil. Linnaea 33: 289. 1864-65.

"Prope S. Pedro de Atacama legi potest."

Chile

= *Cortaderia atacamensis* (Phil.) Pilger

Gynerium columbianum Pilger, Bot. Jahrb. Engler

27: 31. 1899.

"Columbia = [Venezuela] Merida (Moritz n. 1558 et
1559)."

= *Cortaderia columbiana* (Pilger) Pilger.

Danthonia hapalotricha Pilg. = this, fide Pilger.

Gynerium dioicum Dalliére, Fl. Ornam. 2: pl. 42. 1874,

as syn. of *Gynerium argenteum* Nees.

= *Cortaderia argentea*

Cult.

Gynerium jubatum Lemoine ex Carr. Rev. Hort. 449.

1878.

"découverte par M. Roetzl, dans le Chimborazo
(Équateur) [Ecuador]...Achetés et semés par M.
Lemoine, horticulteur à Nancy."

seed from Ecuador, S. Amer.

= *Cortaderia jubata* (Lem) Stapf

Gynerium modestum Doell, in Mart. Fl. Bras.

2: 240. 1880.

"Habitat prope Rio de Janeiro (Glaziou n. 4352),
post campos deustos lectum. Specimina feminea adhuc
legenda."

Brazil

= *Cortaderia modesta* (Doell) Hack.

Gynerium nanum Phil. Anal. Univ. Chile 94: 155. 1896.

"In insulis Maclovianis decembris 1884 legit orn.
doctor Carolus Martin."

Chile?

Gynerium Neesii Meyen, Reise Erde 1: 380, 392, 407.

1834, nom. nud.

[Nantoco, prov. Copiapo. Chile. Meyen, Coll.]

Cynierium nitidum (Kunth) Pilger, Bot. Jahrb. Engler
27: 31. 1899.

Based on *Arundo nitida* Kunth [H.B.K.]

"Crescit in frigidis montanis Provinciae de los
Pastos, inter Quachucal et Tuqueres, in crepidinibus
montis ignivomi Chiles, Columbia. Cauca, alt. 1650.
hexap." Humb. & Bonpl., Collectors.

South Amer.

= *Cortaderia nitida* (H.B.K.) Pilger

Cynierium parviflorum Nees, Agrost. Bras. 463. 1829.

"Habitat in tractu montano sylvatico inter Bahiam
et Rio de Janeiro, in ripariis prope S. Domingum
hinarum no. varum, in tractu sylvarum maritimarum,
et in depressis ad Flumen S. Francisci, prov. Rio
de Janeiro, Bahiensis, Spiritus Sancti, Anarum etc.
(Mart.); in ripa Fluminis lenis (Rio doce) aliisque
in ripis fluminum Brasiliae, (Maxim, Princ. Wied.)"

Brazil, S. Amer.

Cynierium pilosum (D'Urv.) Maclosk. in Scott, Rep.
Princeton Univ. Exped. Patagonia 8: 213. 1904.

Based on *Arundo pilosum* D'Urv.

= *Cortaderia pilosa* (d'Urv.) Haak.

Malouines, Falkland Islands

South Amer.

Cynierium procerum Beauv. Ess. Agrost. 164. pl. 24. f. 6.
1812.

Based on *Saccharum sagittatum* Aubl.

= *Cyn. sagittatum*

French Guiana, South Amer.

Cynierium purpureum Carr. Rev. Hort. (Paris) 37: 419.
1866.

Garden variety

Cynierium pygmaeum Meyen, Reise Erde 1: 484. 1834,
nom. nud.

Titicaca See. Peru [Meyen, Coll.]

Cynierium quila (Molina) Nees & Mey. ex Nees, Nov.
Act. Acad. Caes. Leop. Carol. 19: Suppl. 1: 21.
1841; 153. 1843.

Based on *Arundo quila* Molina

Chile

Cynierium quila var. *pygmaeum* Nees, Nov. Act. Acad.
Caes. Leop. Carol. 19: Suppl. 1: 21. 1841; 153.
1843.

"*Cynierium pygmaeum* Meyen," nom. nud. cited.

"Ad lacum Titicacum."

[Peru. Meyen, Coll.]

Cynierium ramosum Haak. in Dusén, Arch. Mus. Nac. Río
Janeiro 13: 73. 1903, (nomen seminudum!)

"Brasilia, Serra do Itatiaya." [Dusén]

Cynierium rufiusculum (Stapf) Kuntze ex Haak. in Stueck.
Anal. Mus. Nac. Buenos Aires 11: 125. 1904.

Based on *Cortaderia rufiuscula* Stapf

=

"Argentine, Tucuman, Serra Acomquija, ...
Lorentz & Hieronymus 732; Salta, Nevado del Castillo
L. Lorentz & Hieronymus 78. Chile, Santiago L.,
Philippi; Santa Rosa de los Andes L. Ball."

Cynierium saccharoides Humb. & Bonpl. Fl. Aequin. 2:
105 pl. 115. 1813. [Date acc. to Sherb. & Woodw.
Journ. Bot. Brit. & For. 39: 203. 1901]

Venezuela

"Habitat in America meridionali, prope Cumanam, in
humidis." Humb. & Bonpl., Collectors.

= *Cynierium sagittatum*

Cynierium sagittatum (Aubl.) Beauv. Ess. Agrost. 138,
153. pl. 24. f. 6. 1812.

Based on *Saccharum sagittatum* Aubl.

Originally described from French Guiana
[In Grass. Ecuador, Peru & Bolivia]

Cynierium speciosum Nees & Meyen ex Nees, Nov. Act.

Acad. Caes. Leop. Carol. 19: Suppl. 1: 21. 1841;

153. 1843. [Meyen, Reise Erde 1: 407. 1834,
nom. nud.]

"Ad flumen Copiapó dictum circa Nantoco in pro-
vincia Copiapó reipublicae chilensis." [Meyen] Coll.

Chile, S. Amer.

Cynierium triaristatum Sodiro, Anal. Univ. Quito 1889:
8. 1889, nom. nud.

"Niebly", Ecuador, S. Amer.

Cynierium wolfii Sodiro, Anal. Univ. Quito 1889: 8.
1889, nom. nud.

Ecuador, S. Amer.

Cynierium zeelandicum Steud. Syn. Fl. Glum. 1: 198.
1854.

Type loc.: "N. Zealand."

Habrurus elegantissimus Hochst. Flora 39: 90. 1856.

No description--differentiated from *Elyonurus* and
Batzbergia.---Schimper 851. Arabia.

[831 in Steud. Syn. Fl. Glum. 1: 364. 1854]

= *Elyonurus rogleanus* Nees fide Haak.
fide Stapf

Haackelia angustifolia Vasey; Beal, Grasses N. Amer.

2: 438. 1896, as syn. of *Leptochloa polygama*
(Pourn.) Beal

= *Gouinia virgata*

Mexico

Haackelochloa granularis (L.) Kuntze, Rev. Gen. Fl.
2: 776. 1891.

Based on *Cenchrus granularis* L.

East Indies

Man. U. S.

Haackelochloa porifera (Haak.) Rhind, Grass. Burma
2, 77. 1945.

(same comb. made by Chou, Journ. Washington Acad.
Sci. 36: 282. 1946.)

Based on *Manisuris porifera* Haak.

Hakonechloa maora var. *albo-aurea* Makino, Illustr. Fl.
Nipp. 859. 1940.

[copied from Ohwi, Acta Phytotax & Geobot.
10: 267. 1941]

Japan

Hakonechloa maora f. *albo-aurea* (Makino) Ohwi, Acta
Phytotax. & Geobot. 10: 267. 1941.

Based on *H. maora* var. *albo-aurea* Makino

Japan

Hakonechloa maora var. *albo-variegata* Makino in
Jissai-engei 26: 1085. 1940.

Copied from Ohwi, Acta Phytotax. & Geobot.
10: 267. 1941.

Japan

Hakonechloa maora f. *albo-variegata* (Makino) Ohwi,
Acta Phytotax. & Geobot. 10: 267. 1941.

Based on *H. maora* var. *albo-variegata* Makino

Japan

Hakonechloa maora var. *aureola* Makino, Journ. Jap.
Bot. 5: 24. 1928.

Japan, cultivated

Hakonechloa maora f. *aureola* (Makino) Ohwi, Acta
Phytotax. & Geobot. 10: 267. 1941.

Based on *H. maora* var. *aureola* Makino

Japan, cult.

Haloophloa acerosa Griseb. in Goett. Abh. 24: 285. 1879.

"Ct. = Prov. Catamarca

"Ct.: in medio deserto salto Salinas dicto, in
confinio prov. Cordoba." [Lorentz]

= *Monanthochloa littoralis*

Argentina

Halopyrum mucronatum Stapf, in Hook. Io. Fl. t. 2448.
1896.

Based on "*Uniola mucronata* L."

India, Burmann.

Harpachne pilosissima Presl. Mel. Haenk. 1: 235. t. 38
1830.

"Hab. in insulis Marianis."

Basis of "*Dimeria pilosissima* (Presl) Trin.

Harpachne bogdanii Kennedy O'Byrne, Revised List of
Kenya Grasses, Kenya Colony and Protectorate 17. 195
(Bogdan 3763, 3767).

Harpachne bogdanii Kennedy-O'Byrne, Hook. Icon. Fl.
6(4): tab. 3596. 1962.

Kenya, "Southern Province: 35 miles southeast of
Eldoret---11 July 1953, Bogdan 3767 (K. holotype)."

Mentioned by Bogdan in "A Revised List of Kenya
Grasses" 17. 1958, without description.

Harpachne harpachnoides (Haak.) Keng, Claves gram.
prim. Sinicarum 179. 1957.

Based on *Eragrostis harpachnoides* Haak.

China, prov. Yun-nan

Delavay 1807.

Harpachne schimperii Hochst. ex Rich. Tent. Fl. Abyss.
2: 431. 1851.

Basis of *Eragrostis schimperii*

"in pl. Schimp. Abyss., sect. 1, no. 171."

"Crescit in collibus siccis prope Adoua....(Quartin
Dillon et Schimper)."

Abyssinia

Harpachne Schimper var. *brachypoda* Peter, Repert. Sp.
Nov. Fedde Beih. 40: (Anhang 99). 1930; 311. 1931.

"D O Afr., Kilimandscharo: oberhalb Marangu"
"Specimina authentica: Peter 42163"

Tanganyika Africa

Harpochloa altera Rendle in Trans. Linn. Soc. II.

4: 57. pl. 10. f. 7-12. 1894.

"Hab. Milanji...Oct. 1891 (A. Whyte, no. 64);
Nyasa-land, 1891 (Buchanan, no. 163); Transvaal,
Aug. 1880 (Nelson, no. 14); Natal."

Microchloa altera (Rendle) Stapf in Stapf Fl. Cap.
Africa

Harpochloa capensis Kunth, Rev. Gram. 1: 92. 1829.

Based on "*Cynosurus falcatus* Thunb.*Melica*
falx Linn."

= *Harpochloa falx* (L.) Kuntze
Africa

Harpochloa falx (L.) Kuntze, Rev. Gen. 764. 1891.

Based on "*Melica falx* L.f."
S. Africa

Haynaldia breviaristata Lindb. Acta Soc. Sci. Fenn.
n. ser. B. 17: 17, f. 3a. 1932.

Morocco. "Atlas major, in convalle fluminis Ait
Messane...juxta flumen prope pagum Anferkou. Atlas
medius, Ras-el-Ma prope pagum Azrou..."

Haynaldia hordeacea Hack. in Engl. & Prantl. Naturl.
Pflanzenfam. 2: 80. 1887, [see Batt. & Trab. 1893]

Presumably based on *Triticum hordeaceum* Coss. & Dur.
but no synonym cited.

Haynaldia hordeacea Batt. et Trab. Fl. de l'Alger.
Monoc. 242. 1895 ---same as Hack. 1887.

Based on "*Triticum hordeaceum* Coss. & DR."
(Dur)

Haynaldia hordeacea var. *breviaristata* (Lindb.)
Maire, Bull. Soc. Hist. Nat. Afr. Nord 25: 325.
1934.

Haynaldia breviaristata Lindb.
No. Africa

Haynaldia hordeacea var. *velutina* Maire, Bull. Soc.
Hist. Nat. Afr. Nord 25: 325. 1934.

"Algérie: Djebel Touggour a l'W de Batna."

Haynaldia villosa (L.) Schur. Enum. Fl. Transs. 807.
1866.

Based on "*Secale villosum* L."

Hekaterosachne elatior Steud. Syn. Fl. Glum. 1: 118.
1854.

"N. Zeeland"

descrip. applies to *Oplismenus*

Heleochoa acutiglumis Boiss. Fl. Orient. 5: 476. 1884.

"Hab. in regione subalpina Libani infra Cedretum
Hadet in alveo siccio et in valle Kanobin (Bl. 3846!
et 3847!), in monte Gebel Kenisa supra Felugha
(Schweinf!)." Syria

Heleochoa alopecuroides (Pill. & Mitterp.) Host. Icon.
Gram. Austr. 1: 23. pl. 29. 1801; ex Roemer, Col-
lect. Rem. Bot. 233. 1809.

Based on "*Phleum alopecuroides* [Pill. &] Mitterb."
Iter Posegan Man. U. S.
[Hungary]

Heleochoa alopecuroides var. *acutiglumis* (Boiss.)
Post, Fl. Syria, Palestine & Sinai 863. [1896]

Based on *H. acutiglumis* Boiss
Syria

Heleochoa alopecuroides var. *angustifolia* Beck.
Flora von Nieder-Osterr. 1: 53. 1890.

"Münchendorf. VII - IX."
Austria

Heleochoa alopecuroides var. *nigricans* (Coss.) Dur.
& Schinz. Consp. Fl. Afr. 5: 814. 1894.

"*C[rypsis] alopecuroides* var. *nigricans* Coss."
North Africa

Heleochoa alopecuroides Host.f. *subvaginata* Hackel
in Kneucker, Allg. Bot. Zeitsch. 11: 53. 1905.

Kneuck. Gram. Exs. no. 489. Banol.
Hungary, Richter

Heleochoa alpicola Boiss. Fl. Orient. 5: 477. 1884.

Based on *Crypsis alpicola* Hochst.
Kurdistan, west Asia

Heleochoa ambigua Benth. & Hook.f. Gen. 3: 1146.
1883, comb. implied but not made; Ind. Kew. 1109.
1893, nom. nud.

Crypsis ambigua Balansa ex Benth. & Hook.f. Gen.
Fl. 3: 1146. 1883.

In Ind. Kew 1: 659. 1893, this listed as *C.*
ambigua Boiss. & Bal.

[Western Asia]

Heleochoa aquatica Fries, Fl. Scand. 202. 1835.

"*Poa* L." *Poa aquatica* L.

Basis of *Glyceria aquatica* Wahl. not Presl.

Heleochoa borszczowi (Regel) Roshev, Bull. Jard.
Bot. Pierre le Grand 14(Suppl. 2): 52. 1915.

Crypsis Borszczowi Regel
Turkestan

Heleochoa brachystachys C. Richt. Fl. Europ.
1: 35. 1890.

Based on *Vilfa brachystachys* Presl.
Sicily

Heleochoa compacta Th. Dur. & Schinz. Consp. Fl.
Afr. 5: 814. 1894.

Based on *Crypsis compacta* Steud.
Senegal, Africa

Heleochoa crucianelloides Benth. & Hook.f.
Index Kew 1: 1109. 1893, nom. nud.

Crypsis crucianelloide Balansa ex Benth. & Hook.f.
in Gen. Fl. 3: 1146. 1883.

[Western Asia]

= *Rhizocephalus*

Heleochoa diandra Host. Fl. Austr. 1: 77. 1827.

"...ad litus maris adriatici; in Hungaria ad Isous."
Europe

Heleochoa distans Hartm. ex Fries, Fl. Scand. 202.
1835.

Scandinavia

[*Hydrochloa distans* (L.) Hartm. 1819?]

Based on *Poa distans* L., this = *Puccinellia distans*

Heleochoa dura Boiss. Fl. Orient. 5: 477. 1884.

Based on *Crypsis dura* Boiss.
Sind, Baluchistan

Heleochoa dura ssp. *kuriensis* Vierhapper, Oest.-Bot.
zeit. 53: 481. 1903.

"Abdal Kuri...Wadi Maleima (Simony). 19 Jänner 1899
Island in Indian Ocean, dependency of Socotra

Heleochoa explicata (Link) Hackel ex Fritsch in
Mitteil. Naturw. Ver. Steiermark 45: 145. 1909.

Based on *Phalaris explicata* Link
Portugal

Heleochoa explicata var. *angustifolia* (Beck) Podpera,
Květena Moravy 6: 399. 1926; Act. Soc. Sci. Nat.
Morav. 2: 669. 1926.

Based on *Heleochoa alopecuroides* var. *angustifolia*
Beck
Austria

Heleochoa juncea Beauv. Ess. Agrost. 24, 147. 1812.

Based on "*Agrostis juncea* Mich."

= *Sporobolus junceus* Man. U. S.

Heleochoa myosurus Th. Dur. & Schinz. Consp. Fl.
Afr. 5: 814. 1894.

Based on *Crypsis myosurus* Nees.
Egypt

Heleochoa orientalis (Boiss.) Dinsm. in Post, Fl.
Syria, Palest. & Sinai ed. 2, 2: 717. f. 691. 1933.

Based on *Rhizocephalus orientalis* Boiss.
" "
Mesopotamia

Heleochoa phalaroides (Koel.) Beauv. Agrost. 24, 173.
1812.

Based on *Phleum phalaroides* Koel.; this based on
Phalaris phleoides L.
Europe

Helicohloa pygmaea (Benth. & Hook.f. Gen. 3: 1146.)
comb. not made; Jaks, Ind. Kew. 1109. 1893, nom.
nud.

Benth. & Hook. cite *Oryza pygmaea* but *H. pygmaea*
is not published.

Helicohloa schoenoides (L.) Host, Icon. Gram. Austr.
1: 23. pl. 30. 1801; ex Roemer, Collect. Rem. Bot.
233. 1809.

Based on *Phleum schoenoides* L.

Eur.-Asia

Man. U. S.

Helicohloa schoenoides var. *macrostachys* Podpěra,
Květena Moravy 6: 400. 1926; Act. Soc. Sci. Nat.
Morav. 2: 670. 1926.

"Brno: ...Sokolnice a Těšany!!"

Czechoslovakia

Helicohloa schoenoides var. *microstachys* Podpěra,
Květena Moravy 6: 400. 1926; Act. Soc. Sci. Nat.
Morav. 2: 670. 1926.

"Rakvice u Podivína (Laus)!"

Czechoslovakia

Helicohloa setulosa (Trin.) Blatter & McCann, Bombay
Grasses 205. 1935.

Vilfa setulosa Trin.

Arabia

Helicohloa turkestanica Litw. in Komarov, Fl. U.R.S.S.
2: 743. 1934.

"Asia media, Buchara, ad Kermine Apr. 16
anno 1895 defl., leg. S. Korshinsky"

Helictotrichum abietetorum (Ohwi) Ohwi, Acta Phytotax.
& Geobot. 6: 151. 1937.

[misspelled *Helictotrichum*]

Based on *Avena abietetorum* Ohwi

Formosa: m. Nütaka (J. Ohwi n. 3675 - typus)

Helictotrichum adzhariensis (Albov) Grossh. Trudy Bot.
Inst. Azerbaidzh. Fil. Akad. Nauk S.S.S.R. 8: 214.
1939.

Distribution map No. 133

(Same comb. made by Henr. Blumea 3: 429. 1940)

Based on *Avena adzhariensis* Albov

Helictotrichum aetoliolum (Reehinger) Holub, Preslia
31: 50. 1959.

Based on *Avenastrum aetoliolum* Reehing.

Helictotrichum agropyroides (Boiss.) Henr. Blumea
3: 430. 1940.

Based on *Avena agropyroides* Boiss.

"Hab. in Argolide unde misit amicis. Spruner"

[Greece]

Helictotrichum albinerve (Boiss.) Henr. Blumea 3: 429.
1940.

Same comb. same basis Petzalt, Bot. Jahrb. 75: 331.
1951.

Based on *Avena albinervis* Boiss. which is based on
A. splendens Boiss. 1838 non Guss. 1839-45.

Sierra d'Estepona

Spain

Helictotrichum alpinum (J. E. Smith) Henr. Blumea
3: 431. 1940.

Based on *Avena alpina* J. E. Smith

Discovered in 1807 on rocks upon the summits of the
highest mountains of Clova, Angusshire.

[Scotland]

Helictotrichum altius (Hitchc.) Ohwi, Jourm. Jap.
Bot. 17: 440. 1941.

Based on *Avena altius* Hitchc.

Type in the U. S. Nat. Herb. no. 1245731, collected
south of Sining, in the La One Tze Mountains, Kansu
Province, China R. C. Ching (no. 716)

Helictotrichum angustum C. E. Hubb. Kew Bull. Misc.
Inf. 1936: 330. 1936.

"Kenya Colony: Ngong Hills, in red loam, 2100-2400
m., Edwards 2960."

aff. *H. umbrosum* (Hookst.) C. E. Hubb.

Helictotrichum argaeum (Boiss.) Holub, Preslia 31: 50.
1959.

Based on *Avena argaea* Boiss.

"Hab. in regione alpina montis Argaei Cappadociae
4200' (Bal. exs. 347! sub *A. pratensis*)."

Asia Minor

Helictotrichum armeniacum (Schischk.) Grossh. Trudy
Bot. Inst. Azerbaidzh. Fil. Akad. Nauk S.S.S.R.
8: 214. 1939.

Distribution on map No. 190.

Based on *Avena armeniacae* Schischk.

"Hab.: Armenia... Sarykanysh... Sapozhnikov!
Distr. Erzerum ad fontes fl. Sonamer-su, ... in
jugo Palantecken non procul ab oppido Chasankala.
Fl. 16. VII. 1916 Sapozhnikov!"

Helictotrichum asiaticum (Roshev.) Grossh. Trudy Bot.
Inst. Azerbaidzh. Fil. Akad. Nauk S.S.S.R. 8: 215.
1939.

Distribution map No. 194.

Based on *Avenastrum asiaticum* Roshev.
Grossh. gives (Roshev.) as above.
He also gives *Avena Scheuchzeri*
(non All.)

Griseb. [All. misappl. by Griseb.] in Ledeb. IV,
415.--Boiss. V, 545.

Russia. Eur. & Asia

Helictotrichum asperum (Munro) Bor, Indian Far. Rec.
n. ser. Bot. 1: 68. 1938.

Based on *Avena aspera* Munro

Newera Ellia and other, of the more elevated parts
of the island.

Ceylon

Helictotrichum asperum var. *Roylei* (Hook.f.) R. R.
Stewart, Brittonia 5: 432. 1945.

[in Munro mss.]

Based on *Avena aspera* Munro ex Thw. var. *Roylei*
Hook.f.

India.

Helictotrichum australe (Parlat.) Holub, Preslia
31: 50. 1959.

Based on *Avena australis* Parlat.

Italy

Helictotrichum avenoides (Stapf) A. Camus, Rev. Bot.
Appl. 27: 276. 1947.

Based on *Avenastrum avenoides* Stapf

Helictotrichum barbatum (Nees) Schweick. Bethalia
3: 190. f. 4. 1937.

Based on *Trisetum barbatum* Nees var. ... non Steud.

"Cape Province: Namaqualand, on the Kamiesbergen,
Nev., Drège 2572b! in Herb. Nees & in Herb. Mus.
Austr.-Afr."

"The type spec. is deposited in the Berlin Herb."

[Schweick. says Ecklon is probably an error for
Drège]

Helictotrichum besseri (Griseb.) Janohen, Phytom
5: 64. 1953.

Based on *Avena besseri* Griseb.

Russia

Helictotrichum Blavii (Aschers. & Janka) C. E. Hubb.
Kew Bull. Misc. Inf. 1939: 101. 1939.

(Comb. also made by Henr. Blumea 3: 430. 1940)

Based on *Avena Blavii* Aschers. & Janka

Europe

Helictotrichum breviaristatum (Barr.) Henr. Blumea
3: 430. 1940.

Based on *Avena breviaristata* Barr.

"Ouled-Sahari entre Bighari et Bou-Saïda au-dessus
du Zhaires-Chergui (Letourneaux 1882, herb. Cesson)."

Algeria, Africa

Helictotrichum bromoides (Gouan) C. E. Hubb. Kew
Bull. Misc. Inf. 1939: 101. 1939.

Based on *Avena bromoides* Gouan, Hort. Romsp. 52.
1768.

Helictotrichum bromoides St. Yves, Anal. I. Bot.
A. J. Cavanilles de Madrid Tomo XVII 1: 278. 1959.
"por Elena Faumero" [title page]

= *Helictotrichum bromoides* (Gouan) C. E. Hubb. Kew
Bull. Misc. Inf. 1939: 101. 1939.

Based on *Avena bromoides* Gouan. 1768.

Helictotrichum bromoides ssp. *Gouanii* St. Yves, Anal. I
Bot. A. J. Cavanilles de Madrid Tomo XVII, Vol. 1.
278. 1959. "por Elena Faumero" [title page]

subvar. *genuina* l.o.
"grandispioulata St. Yves, l.o. p. 279
f. *stenophylla*

ssp. *australis* 279.

var. *strigilosa*

"filifolia

subv. *iberica*

var. *pruinosa*

subv. *Hackelii* p. 280

"crassifolia p. 280.

Helictotrichum bulbosum (Hitchc.) Parodi, Revist.
Argentina Agron. 16(4): 211. 1949.

"Distribución Geográfica.-Ha sido hallado en Chile
central, Concepción y, más o menos en el mismo
paralelo, en la Sierra de Balneario, sur de la provin-
cia de Buenos Aires."

Based on *Trisetum bulbosum* Hitchc. 1927. Chile
Los Generos de Avenas de la Flora Argentina.

Specimens cited: Chile, E. Barros nos. 428, 758, 3951
(locotypus) E. Barros, 26-x-1927 (H. Gunkel 7673).
Argentina, E. Martinez Crovetto 3623, Nov. 1945.

Helictotrichum cespense Schweick. Bethalia 3: 193. f. 7
1937.

"Syn.: *Avenastrum antarcticum* Stapf pre parte"

"Cape Province.---Kongha distr.: near Kongha,
Flanagan 935 (type)."

aff. *H. hirtulum* (Steud.) Schweick.

Heliotetrichon cartilagineum C. E. Hubb. Kew Bull.
Misc. Inf. 1936: 331. 1936.

"Kenya Colony: ...Kinangop, 2100 m., Turner 1578
(type)"

Africa

ab *H. elongate* (Hochst.) Hubbard

Heliotetrichon compactum (Boiss. & Heldr.) Henr.
Blumea 3: 430. 1940.

Based on *Avena compacta* Boiss. & Heldr.

"in fissuris rupium Taygeti exelsioris de Heldreich
Jul. 1844." Balkan Peninsula, Eur.

Heliotetrichon compressum (Heuff.) Henr. Blumea
3: 429. 1934.

Based on *Avena compressa* Heuff. Flora 18: 244. 1835.
Se. Europe and N. Africa

Heliotetrichon compressum (Heuff.) Petzthal, Bet.
Jahrb. Engler 75: 331. 1951. See Henr. 1934.

Based on *Avena compressa* Heuff. Flora 18: 244. 1835.
Se. Europe & N. Afr.

Morokke, Catalonien, Unteritalien, Sicilien, Serbien,
Ungarn, Bulgarien, Rumänien, Griechenland

Heliotetrichon conjugens (Hack.) Widder, Neue Beitr.
Fl. Komitates Vas. [Eisenburg] III. 1: 7/8. 1932.

[made from Janchen & Neumayer, Wien. Bot. Zeitschrift
93: 223. 1944.] name only

Hungary Europe

C. D. Miles ref.: "Heliotetrichon conjugens (Hack.)
Widder, Vgl. Gayer Gy., Neue Beitr. Flora Komitates
Vas (Eisenburg) III, in Annales Sabarienses/Folia
Musealia 1(1932) S. 7-11. speziell S. 7/8, und

Widder, Ber. d. Deutsch. Bot. Ges. 57: 32. 1939.
(name only) "Vas"= Hungary fide Lippincott.

Heliotetrichon convolutum (Presl) Henr. Blumea 3: 430.
1940.

Based on *Avena convoluta* Presl.

"in rupibus montis Cusci Panormi."

Palermo, Sicily

Heliotetrichon cycladum (Bech. f. & Scheff.)

Reehinger f., Denkschr. Akad. Wiss. Math.-Naturw.
Wien 105: 791. pl. 19. f. 1. 1943.

Based on *Avenastrum cycladum* Bech. f. & Scheff.

"Kykladen: Insel Naxos ...des Berges Phanarietissa
gegen Apiranthos ...nr. 2240.
"Kykladen: Insel Amorgos ... Berges Krikelas ober
Langada ... nr. 2355 [Reehinger, Coll.]

[Dreecian Archipelago]

Heliotetrichon dahuricum (Kemer.) Kitagawa, Rep. Inst.
Sci. Res. Manchukuo 3 (App. 1): 77. 1939.

Based on *Avena planiculmis* subsp. *dahurica* Kom.
peninsula Kamtsch.

Russia, Asia

Heliotetrichon decorum (Janka) Henr. Blumea 3: 430.
1940.

Based on *Avena decora* Janka

Transylvania & Hungary -- non Ledeb. Fl. Ross.

Heliotetrichon Delavayi (Hack.) Henr. Blumea 3: 427.
1940.

(Same comb. made by Ohwi, Journ. Jap. Bot. 17: 440.
1941)

Based on *Avena Delavayi* Hack.

China, prov. Yun-nan

in montanis Hoe-ohan-men (Lankong) ...leg. abb.
Delavay (sub nr. 726a Mus. Paris distrib.

Heliotetrichon desertorum (Less.) Pilger, Repert. Sp.
Nov. Fedde 45: 7. 1938.

Based on *Avena desertorum* Less.

ad rivulum Gumbelika pr. Werchne-Uralsk

Werchne--Uralsk

Russia, Eur.

Heliotetrichon desertorum (Lessing) Miki, preles bas-

alticum (Podp.) Holub, Freslia 31: 50. 1959.

Same Pilger 1938.

Based on *Avena desertorum* var. *basalticum* (Podp.)
Holub. ["Podp. Oesterr. bot. Zeit. 52: 335. 1902.]
See Pilger 1938.

[Werchne-Uralsk, Russia, Eur.]

Heliotetrichon Dedii (Stapf) Schweick. Bethalia
3: 197. f. 12. 1937.

Based on *Avenastrum Dedii* Stapf

Coast Region: Cape Div. ...near Outlands Point,
Wetley Dod, 2775

Africa

Heliotetrichon elongatum (Hochst.) C. E. Hubb. Kew
Bull. Misc. Inf. 1936: 335. 1936.

Based on:
Danthonia elongata Hochst.

in montis Sellauda prope Adoua (Quartus Dille et
Schimper)

Abyssinia, Africa

Heliotetrichon Fedtschenkoi (Hack.) Henr. Blumea
3: 429. 1940.

Based on *Avena Fedtschenkoi* Hack.

Turkestan: Schugnan: in valle fl. Restondara sub
trajectu Bogusich. B. A. Fedtschenko 6.VIII. 1904.

Heliotetrichon filifolium (Lag.) Henr. Blumea
3: 430. 1940.

Based on *Avena filifolia* Lag.

in Uchille monte, prope Orellin, et in montium
catena meridionali prope Murcia urbem alibique in
Hispania meridionali.

Spain

Heliotetrichon filifolium ssp. *cantabricum* (Lag.) Paun.

Anales del I Botanico A. J. Cavanilles de Madrid.

Tomo XVII. 1: 266. 1959.

Based on *Avena cantabricum* Lag.

Heliotetrichon filifolium ssp. *filifolium*, Anales del
Inst. Botanico A. J. Cavanilles de Madrid tomo XVII:
vol. 1: 266. 1959.

Based on *Avena filifolia* Lag. sens. str.

Spain

Heliotetrichon filifolium ssp. *filifolium* var. *filifolium*, Anales del Inst. Botanico A. J. Cavanilles
de Madrid tomo XVII: 1: 266. 1959.

var. *filifolium* p. 266

A. *filifolia* Lag. var. *glabra* Boiss. Voy. II.

655. (1839-45).

A. *filifolia* Lag. var. *lagascae* St. Yv.

Candollea 4: 416. 1931.

Spain

Heliotetrichon filifolium ssp. *filifolium* var. *veluti-*
num (Boiss.) Paunero, Anales del Inst. Botanico
A. J. Cavanilles de Madrid tomo XVII. 1: 266. 1959.

Cited as syns.

A. *filifolia* Lag. var. *velutina* Boiss. Voy. II:

655. (1839-45).

A. *filifolia* var. *convoluta* (Presl) St. Yves

subvar. *fallax* (R.S.) St. Yves.

f.a. *velutina* St. Yves, Candollea 4: 422. 1931.

Heliotetrichon friesiorum (Pilger) C. E. Hubb. Kew
Bull. Misc. Inf. 1936: 333. 1936.

Based on *Avenastrum elongatum* var. *friesiorum* Pilger.

Kenya Colony: Mt. Kenya, Forest Station, 2300 m.
Fries 697 (type), 818.

Heliotetrichon Galpinii Schweick. Bethalia 3: 192.
f. 6. 1937.

"Cape Province.-Barkly East distr., ...on Ben
Mo Dui (Wittebergen) March, Galpin 6902 pre parte
(type deposited in Nat. Herb. Pretoria and in the
Kew Herbarium)."

Galpin's gathering 6902 is a mixture of the above
species and typical *H. turgidulum* (Stapf) Schweick.,
the latter distinguished by glabrous lemmas.

Heliotetrichon Gonzalesi (Senn.) Petzthal, Bot. Jahrb.
Engler 75: 331. 1951.

Based on *Avena Gonzalesi* Senn. Fl. Esp. (1925).

Spanien, Sudfrankreich.

Published as synonym only, no description.

Heliotetrichon Hackelii (Henriq.) Petzthal, Bot.
Jahrb. Engler 75: 330. 1951.

Based on *Avena Hackelii* Henriq. in Bull. Soc. Bot.
20: 87. 1903.

Arrhenatherum Hackelii (Henriq.) Sampaio,
Am. Fac. Sci. Porto 13: 42. 1931.

Portugal

Heliotetrichon Hidesi (Honda) Ohwi, Acta Phytotax. &
Geobot. Kyoto 6: 292. 1937.

Based on
Avena Hidesi Honda.

"Honshu: Misayama, prov. Shinano (H. Koizumi,
anno 1921).

Japan

Heliotetrichon hirtulum (Steud.) Schweick. Bethalia
3: 193. f. 8. 1937.

Based on *Trisetum hirtulum* Steud. [which is based
on *T. hirtum* Nees, not Trin.]

Olifantshoek ad flumen Boschesmanrivier ...
(Uitenhage), Eoklon

aff. *H. capense*

Heliotetrichon hissaricum (Roshev.) Henr. Blumea
3: 431. 1940.

Based on *Avenastrum hissaricum* Roshev.

Tadshikistan: Jugum Hissaricum ... versus antium fl.
Tohaptare, 26 IX 1928, N. Gentscharow

Turkestan, Russia, Asia

Heliotetrichon Hookeri (Scribn.) Henr. Blumea 3: 429.
1940.

Based on *Avena Hookeri* Scribn., this based on *A.*
versicolor Hack. Fl. Ber. Amer. 2: 244. 1840.
Not Vill.

Mem. U. S.

Heliotetrichon Humbertii (A. Camus) Henr. Blumea
3: 429. 1940.

Also A. Camus, Revue. Inter Bet. Appliquée 296:
276. 1947.

Based on *Avenastrum Humbertii* A. Camus.

Madagascar: ...entre le haut Mandrare et le haut
Itemampy; ... (Humbert ne. 6856)

Africa

Heliotetrichon Jahandiezii (Litard.) Petzthal, Bot.
Jahrb. Engler 75: 330. 1951.

Based on *Avena Jahandiezii* Litard. in Bull. Soc.
Hist. Nat. Afr. 67. 1925.

Morokke

Heliotetrichon Jungkuhnii (Buse) Henr. Blumea 3: 425. 1940.

Based on [*Avena Jungkuhnii* Buse]
Ins. Java...mentis Dieng (Jungch.)

Heliotetrichon Krylovii (Pavl.) Henr. Blumea 3: 431. 1940.

Based on *Avenastrum Krylovii* Pavl.

"Jakutia, in loco stuppeo Neligor...ad ripam fluvii Lena prope urb. Jakutsk, 8.VI. 1932 fl., sine numero, lg. ol. A. J. Bronsøy (conserv. in Herb. Univers. Mosco.)"

Asia

Heliotetrichon lachnanthus (Hochst.) C. E. Hubb. Kew Bull. Misc. Inf. 1936: 335. 1936.

"*Trisetum lachnanthus* Hochst."

"in pl. Schimp. Abyss., sect. II. no. 859."

"...et in editis umbrosis montis Taber, prope Tschonaua in provincia Semlène... (Schimper)."

Abyssinia, Africa

Heliotetrichon laevis (Hack.) Petzalt, Bot. Jahrb. 75: 331. 1951.

Synonymy: *Avena laevis* Hackel, Ost. Bot. Zeit. 27: 46. 1877.

Spain, Portugal

Heliotetrichon laevigatum (Schur.) Petzalt, Bot. Jahrb. 75: 330. 1951.

Avena laevigata Schur, Ost. bot. Zeitschr. 10: 72. 1860.

Trisetaria sesquiteria Baumg. Enum. Transs. III (1816), 260.

Heuffelia laevigata Schur, Enum. pl. Transs. (1866) 760.

Avena sesquiteria Simenkai, Enum. (1860) 573.

Avena praenata Hausknecht, bei Bornmüller, Bull. Herb. Boiss. IV (1896) 16.

Siebenbürgen, Apenninen, Schweiz, Frankreich.

Heliotetrichon leianthum (Keng) Ohwi, Journ. Jap. Bot. 17: 440. 1941.

Based on *Avena leiantha* Keng

Li-Shih, Mien-shan, southern Shansi, ...T. Tang (no. 895)

Heliotetrichon leoninum (Steud.) Schweick. Bethalia 3: 191. f. 5. 1937.

Based on *Avena leonina* Steud.

"Nr. 928" Cape of Good Hope, Ecklon, Coll.

Africa

Heliotetrichon Letourneuxii (Trab.) Henr. Blumea 3: 430. 1940.

Based on *Avena Letourneuxii* Trabut

"Hab. Tunisie, dj. Semata, ... (Letourneux, 1887)."

Africa

Heliotetrichon longifolium (Nees) Schweick. Bethalia 3: 195. f. 10. 1937.

Based on *Trisetum longifolium* Nees

"In dunis Capensis...et in planitie Witzenberg, Vogelvalley etc. (District Cap.), Ecklon; in rupestribus montium Wittenberg... (Drège)."

Africa

Heliotetrichon longum (Stapf) Schweick. Bethalia 3: 189. f. 2. 1937.

Based on *Avena longa* Stapf

Cape Colony. Cape of Good Hope, R. Brown; Cape Flats, Doorn Hogte, Ecklon and Zeyher 1807, 1807B in U.S.N. Herb.

Africa

Heliotetrichon macrostachyum (Bal. ex Coss. & Dur.) Henr. Blumea 3: 430. 1940.

Based on *Avena macrostachya* Bal. ex Coss. & Dur.

Balansa in pl. Alger. exsicc. n. 718. Djebel-Tougour prope Batna...in valle Feudj-Guersa! ad basin montis Djebel-Mahmel in montibus Aurasiis... (Balansa)

Algeria, Africa

Heliotetrichon Maitlandii C. E. Hubb. ex Hutch. in Hutch. & Dalziel, Fl. West Trop. Afr. 2: 528. Feb. 1936. English descr. only; C. E. Hubb. Kew Bull. Misc. Inf. 1936: 332. 1936, Latin descr.

"S. Nigeria: Bamenda; Lakem, on grass covered plateau, 7000 ft. (May)! Exsicc.--Maitland 9A."

aff. *H. rigidula* (Pilger) C.E. Hubb.

Heliotetrichon Mannii (Pilger) C. E. Hubb. ex Hutch. in Hutch. & Dalziel, Fl. West. Trop. Afr. 2: 528. 1936, English descr. only.

Avenastrum Mannii Pilger

"Kamerun: Kamerun-Berg, ... (G. Mann n. 2020, Typus Herb. Berol.)"

Heliotetrichon milanjanum (Rendle) C. E. Hubb. Kew Bull. Misc. Inf. 1936: 334. 1936.

Based on: "*Bromus milanjanus* Rendle"

Hab. Milanji. Oct. No. 9. Collected by Mr. Alexander Whyte.

Madagascar

Heliotetrichon mongolicum (Roshev.) Henr. Blumea 3: 431. 1940.

(Comb. also made by Ohwi, Journ. Jap. Bot. 17: 440. 1941)

Based on *Avena mongolica* Roshev.

"Mongolia borealis, districtus Tunka et Transbaikalia australis! In alpe Czokende (Turozaninov 1832!) In alpe Nuchu Daban (Kusnetsov, 1834!); Munku-Sardyk 14/viii/1871, Czokanowsky!; Mongolia borealis."

China. Asia

Heliotetrichon montanum (Vill.) Henr. Blumea 3: 430. 1940.

Based on *Avena montana* Vill. 1787. Not *A. montana* (L.) Wigg. 1780 which is *Deschampsia*.

"à la Grande-Chartreuse, à la Mure."

France

Heliotetrichon Mortonianum (Scribn.) Henr. Blumea 3: 429. 1940.

Based on *Avena Mortonianum* Scribn. Man. U. S. Type "

Mountain summit near Silver Plume, Colo.....nos. 697 C. L. Shear. and 2439 P. A. Rydberg 1895.

Heliotetrichon namaquense Schweick. Bethalia 3: 189. f. 3. 1937.

Nom. nov. Syn.: *Trisetum Dregeana* Steud.

"barbatum { minus Nees

Avenastrum dregeana (Steud.) Stapf

"Cape Province: Namaqualand, Kamiesbergen, steinige Berggegend bei Ezelsfontein, ...Drège 2526!"

Berlin Herbarium

Heliotetrichon natalense (Stapf) Schweick. Bethalia 3: 194. f. 9. 1937.

Based on *Avenastrum caffrum* var? *natalensis* Stapf.

"Natal Province.-Umvoti distr.: Rietvlei, Buchanan 238 (type)."

Natal

[Union of South Africa]

Heliotetrichon Neumayerianum (Visiani) Henr. Blumea 3: 430. 1940.

Based on *Avena Neumayeriana* Visiani

"Hab. in graminosis apricis rupestribus montis Orien, ubi invenit Fr. Neumayer"

Yugoslavia [Dalmatia]

Heliotetrichon Newtonii (Stapf) C. E. Hubb. Kew Bull. Misc. Inf. 1936: 334. 1936.

Based on: *Avena newtonii* Stapf

Portuguese West Africa. Massamedes, Serra da Chella Newton, 6. [new Angela]

Heliotetrichon oligostachyum (Munro) Holub, Preslia 31: 50. 1959.

Based on *Avena oligostachyum* Munro in Aitchinson Journ. Linn. Soc. London 19: 193. 1882.

Heliotetrichon parlatorei (Woods) Pilger, Repert. Sp. Nov. Fedde 45: 7. 1938.

Based on *Avena Parlatorei* Woods.

[Austria]

Heliotetrichon phaneraneuron C. E. Hubb. Kew Bull. Misc. Inf. 1936: 332. 1936.

"Tanganyika Territory: Iringa District; Msima Steek Farm, common in vleis, Ensen 348 (type)."

Heliotetrichum planiculme Bess. ex Schur, Enum. Fl.

Transsilv. 762. 1866, as syn. of *Heuffelia planiculmis* Schur.

Error for *Heliotetrichum*

= *Heliotetrichum planiculme* (Schrad.) Pilger.

Heliotetrichum planiculme (Schrad.) Pilger, Repert. Sp. Nov. Fedde 45: 6. 1938.

[*Heliotetrichum planiculme* Bess. ex Reichenb. Fl. Germ. Exours. 140(6): n. 352. 1832, as syn. of *Avena planiculmis* Schrad.)]

Based on *Avena planiculmis* Schrad.

montis Schneeberg in Comit. Glazensi Silentiae (Selinger)

Glatz, Silesia Prussia, Germany

Heliotetrichum polyneurum (Hook.f.) Henr. Blumea 3: 425. 1940.

Based on *Avena polyneura* Hook.f.

"Nilgiri Hills; Dedabetta, Gamble"

India

Heliotetrichum pratense (L.) Pilger, Repert. Sp. Nov. Fedde 45: 6. 1938.

Based on *Avena pratensis* L.

Europe

Heliotetrichum pratense (L.) Bess. proles *hirtifolium* (Pedp.) Holub. Preslia 31: 50. 1959.

Based on *Avenastrum pratense* var. *hirtifolium* Pedp. Květ. Hně 139. 1911 (nom. nud.) Deplňky 23. 1914.

Heliotetrichum pratense var. *pseudelucidum* (Hauss.) Henr. Blumea 3: 430. 1940.

Based on *Avena pratensis* var. *pseudelucida* Hauss.

[Austria]

Heliotetrichon pruinosum (Hack. & Trab.) Henr. Blumea
3: 430. 1940.

Based on *Avena pruinea* Hack. & Trab.

"Dj. Mzi, dj. Aissa, Sud-granais"

North Africa

Heliotetrichon pubescens (Huds.) Pilger, Repert. Sp.
Nov. Fedde 45: 6. 1938.

Based on *Avena pubescens* Huds.

Supra Banstead Downs, espiesse.

England.

Man. U.S.

Heliotetrichon pubescens var. *alpinum* (Gaudin) Nevski
in Bordzil. Fl. U.R.S.R. (Fl. Reipub. Sov. Sec.

Urain.) vid. (ed.) 2: 185. 1940. Same
("proles" for var.) Holub, Preslia 31: 50. 1959.

Based on *Avena pubescens* b. *alpina* Gaudin.

M. Croy supra Castrodunum
M. Dolaz, Rev. Duores

Switzerland

Heliotetrichon pubescens (Huds.) Pilger proles *anatolicum*
Holub, Preslia 31: 51. 1959.

*Syn.: *Avena bornmulleri* Hausskn. in Bornmuller Fl.
Anatol. orient. no. 18269 (nom. nud. in sched.), nom
Domin.

Types in herb. Mus. Nat. Prague----

Heliotetrichon pubescens (Huds.) Pilger proles *laevigatum*
(Schur) Holub, Preslia 31: 50. 1959.

Based on *Avena laevigata* Schur 1860.

"-----auf dem Konigstein, Butsats-----"

Rumania

Heliotetrichon pubescens var. *typicum* (Krylev) Nevski
in Bordzil. Fl. U.R.S.R. (Fl. Reipub. Sov. Sec.
Urain.) vid. (ed.) 2: 185. 1940.

Based on *Avena pubescens* a. *typica* Krylev, Fl. Alt.
VII: (1914) 1618.

Heliotetrichon quinquesetum (Steud.) Schweick.
Bethalia 3: 188. f. 1. 1937.

Based on *Avena quinqueseta* Steud.

"Nr. 929" Cape of Good Hope [Ecklon, Coll.]

Africa.

Heliotetrichon Requienii (Mutel) Henr. Blumea 3: 430.
1940.

Based on *Avena Requienii* Mutel.

"inter pineta prope Narbonne reperit el. Requien."

France

Heliotetrichon rigidulum (Pilger) C. E. Hubb. ex
Hutch. in Hutch. & Dalziel, Fl. West. Trop. Afr.
2: 528. Feb. 1936, short English descr.; does not
give basis; C. E. Hubb. Kew Bull. Misc. Inf. 1936:
335. 1936.

Based on
Avenastrum rigidulum Pilger.

"Kamerun: Kamerun-Berg... (G. Mann n. 2068--1859-63)?"

Africa

Heliotetrichon roylei (Hook.f.) Keng, Claves gram.
prim. Sinicarum 200. 1957.

Based on *Avena roylei* (Hook.f.) Keng, this based on
Avena aspera var. *Roylei* Hook.f.

India

Heliotetrichon sarraenenorum (Candog.) Holub, Preslia
31: 50. 1959.

Based on *Avena sarraenenorum* Candog. 1913.

Heliotetrichon Schellianum (Hack.) Kitagawa, Rep.

Inst. Sci. Res. Manchukuo 3 (App. 1): 78. 1939.

(Comb. also made by Henr. Blumea 3: 429. 1940.)

Based on *Avena Schelliana* Hack.

"ad Amur medium prope estium zojae Konstantinowka,
Blagaslownoje"

Russia, Asia

Heliotetrichon Schmidii (Hook.f.) Henr. Blumea 3: 427.
1940.

Based on *Avena aspera* var. *Schmidii* Hook.f.

"Milghiri Hills, Schmid; Ootacamund, alt. 7500-
8000 ft., Clarke."

India

Heliotetrichon sempervirens (Vill.) Pilger, Repert.

Sp. Nov. Fedde 45: 7. 1938.

Based on *Avena sempervirens* Vill. This referred
to *Heliotetrichon montanum* (Vill.) Henr. by
Faure in 1959.

[France]

Heliotetrichon setaceum (Vill.) Henr. Blumea 3: 430.
1940.

Based on *Avena setacea* Vill.

une montagne du Noyer en Champsaur, appelée le
Chastela, & à Die sur le Glandaz. M. Chaix l'a
trouvée aux Baux au rocher de Bare.

Die, etc., France

Heliotetrichon suffusum (Hitcho.) Ohwi, Journ. Jap.
Bot. 17: 440. 1941.

Based on *Avena suffusa* Hitcho.

Type in the U. S. National Herbarium, No. 1245557,
collected at Ta Hwa, near Pingan, Province of Kansu,
China, at 2900 to 3100 meters alt., July 17, 1923,
by R. C. Ching (no. 527).

China

Heliotetrichon suleatum (Gay) Petzalt, Bot. Jahrb.
75: 331. 1951.*

Based on *Avena suleata* Gay in Delastre, Fl. Vienne
(1842) 472, unpublished.

Extracts from Gay's MSS. in Journ. Brit. & For.
67: 108. 1929. "Habitat in pasuis alpinum
Asturicoarum, locis editissimis; nominatim in
montibus prope de Leitariegos et pro d'Arvas, ibi
medio Augusto florescens (Durieu)."

Westfrankreich, Spanien, Portugal

* [see (Gay) Henrard, Blumea 3: 430. 1940.]

Heliotetrichon sumatrense Ohwi, Bull. Tokyo Sci. Mus.
no. 18: 7. 1947.

"Sumatra (Gajolanden in Atjeh: G. Lesir, Middentop,
3300-3500 m. van Steenis, 8572, in Herb. Bogor.)"

Compares with H. Schmidii Henr. and H. Junghuhni
Henr.

Heliotetrichon tentense (Honda) Kitagawa, Rep. Inst.

Sci. Res. Manchukuo 2: 282. 1938, as syn. of

Avenastrum tentense (Honda) Kitagawa, Rep. Inst.

Sci. Res. Manchukuo 3 (App. 1): 78. 1939.

[Spelled "Heliotetrichum" in 1st ref.]

Based on *Avena tentensis* Honda.

In herbidis summa montis Wu-ling-shan, Nakai, Honda
& Kitagawa, Sept. 2, 1933. --Typus

Asia

Heliotetrichon Thomasii C. E. Hubb. Kew Bull. Misc.
Inf. 1936: 500. 1936.

"Sudan: Mongalla Province; Imatong Mts., Mt. Kineti
2700 m., Thomas 1862." Africa

aff. H. anguste C. E. Hubbard.

Heliotetrichon tianschanicum (Roshev.) Henr. Blumea
3: 429. 1940.

Based on *Avenastrum tianschanicum* Roshev.

Kasakstan orientalis: Tian-shan, dist. Przewalski
...(Krasnow, Roshevitz, Saposhnikov, Schischkin!)

Turkestan, Asia

Heliotetrichon tibeticum (Roshev.) Keng f. in Keng,
Claves gram. prim. Sinicarum 200. 1957.

Based on *Avena tibetica* Roshev. 1959. [Roszevic in
Holub. 1951.]

"Tibet borealis"

284 Przewalski.

Heliotetrichon tibeticum (Roszevic) Holub, Preslia
31: 50. 1959. see Keng 1957.

Based on *Avena tibetica* Roszevic Bjul. glav. bot.
Sada SSSR 27: 98. 1928.

Heliotetrichum trisetoides Kitagawa, Rep. Inst. Sci.

Res. Manchukuo 2: 282. 1938, as syn. of *Avenastrum*

trisetoides Kitagawa; (Kitagawa) Kitagawa, Rep.

Inst. Sci. Res. Manchukuo 3 (App. 1): 78. 1939.

2nd ref.: *Heliotetrichon*

Based on *Avenastrum trisetoides* Kitagawa

"Manchuria: Prov. Lung-Chiang. Inter Pei-an-shen et
Fai-chia (K. Ookube Jun. 9. 1937. Typus in Herb.
Imp. Univ. Tokyo.)"

Heliotetrichon turgidulum (Stapf) Schweick. Bethalia
3: 196. f. 11. 1937.

Based on *Avena turgidula* Stapf

South Africa, Cape Colony: Without locality, Zeyher
463...first cited.

Heliotetrichon umbrosum (Hochst.) C. E. Hubb. Kew
Bull. Misc. Inf. 1936: 334. 1936.

Trisetum umbrosum Hochst.

Ex collectione a Schimper Argentina missa Abyssinia
Africa

Heliotetrichon umbrosum var. *micrantherum* C. E. Hubb.
Kew Bull. Misc. Inf. 1936: 334. 1936.

Tanganyika Territory: Mt. Kilimanjore, Peters Hut,
3750 m., Hitchcock 24639.

Africa

Heliotetrichon versicolor (Vill.) Pilger, Repert.
Sp. Nov. Fedde 45: 7. 1938.

Based on *Avena versicolor* Vill.

[France]

Heliotetrichon versicolor (Vill.) Pilger proles *caucasica*
Holub, Preslia 31: 51. 1959.
See same Roshev. Fl. SSSR. 2: 275. 1934 pp"
("tantum quoad pl. caucas")

Heliotetrichon virescens (Nees) Henr. Blumea 3: 425.
1940.

Based on *Trisetum virescens* Nees ap. Steud.

"Royle hrbr. nr. 137, 138. Ind. or."

East Indies

Helleria fragilis Lucas, Journ. Washington Acad. Sci.
32: 157. f. 1. 1942.

"The type is in the Herbario Nacional de Venezuela, Ministerio de Agricultura y Cria, a duplicate type in the U. S. National Herbarium, collected in Paramo de Tucumi, Sierra Nevada de Mérida, altitude 4,500m, State of Mérida, Venezuela, December 17, 1910, by Dr. A. Jahn, no. 62."

Venezuela

aff. *H. livida* (H.B.K.) Fourn.

Helleria livida Fourn. ex Hemsl. Biol. Centr. Am. Bot.
3: 582. 1885, as syn. *Festuca livida*; Fourn. Mex.
Fl. 2: 129. 1886.

Helleria livida (H.B.K.) Fourn.

Based on
"*Bromus lividus* H.B.K."

Mexico

Helopus acrotrichus Steud. Syn. Fl. Glum. 1: 100.
1854. [Nom. Bot. ed. 2. 1: 747. 1840. nom.?

"*Panicum fatmense*. Hochst. Steud. Hrbr. un. arab.
nr. 806. Nubia."

Africa

(Presl)
Helopus acuminatus Steud. Nom. Bot. ed. 2. 1: 747.
1840.

Based on "*Piptatherum acuminatum* Presl."

Basis of *Eriochloa acuminata* (Presl) Kunth.

= *Eriochloa*

Mexico

(Flügge)
Helopus annulatus Nees Agrost. Bras. 17. 1829.

"*Paspalus annulatus* Flügge."

Basis of *Eriochloa annulata* Fl.

East Indies Klein

[*N. laevis* Trin. referred to this by Nees]

Helopus annulatus Nees ex Rich. Tent. Fl. Abyss.

2: 370. 1851, as syn. *Panicum annulatum* Rich. Not
Nees ipse 1829.

"Nees in Kotsch. Itin. Nubia 382; Hochst. in Schimper
1748 (exsiccata)

ex Steud. Syn. Fl. Glum. 1: 100. 1854, as syn. *H.*
nubious Steud.

Helopus nubious Steud. Kotsch 382.
acrotrichus Steud. Schimper 1748 cited as
var. unnamed.

[cited by Stapf sub *Eriochloa acrotrichum*]

Africa

Helopus annulatus var. *montevidensis* Nees; Doll. in
Griseb. Abh. König. Ges. Wiss. Göttingen 24: 306.
1879, as syn. *Eriochloa montevidensis* Griseb. l.c.

[Nees did not publish this name. In Agrost. Bras.
17. 1829, under "*Helopus annulatus*", is cited
"Monte Video. (Sellow) Vidi in Herb. Reg. Berol."]

= *Eriochloa*

Helopus barbatus Trin. in Spreng. Neue Entdeck.
2: 49. 1821.

"Hab. in Insula Bourbonia. (In dem Herbarium des
Herrn Barons v. Jacquin zu Wien.)"

Reunion Isl. Indian Ocean

Eriochloa ?

Helopus barbatus Nees ex Steud. Nom. Bot. 1: 747. 1840.
as syn. *H. acrotrichus* Steud. Not Trin. 1821.

Helopus bolbodes Hochst. ex Steud. Syn. Fl. Glum. 1:
100. 1854.

"(Hrbr. Abyss. nr. 2021.)"...."Abyssin."

Basis of *Eriochloa bolboides* (Hochst) Schweinf.

Abyssinia

Helopus brachystachys Trin. Sp. Gram. Icon. t. 277.
1831.

"Figura ad specimen Brasilianum."

= *Eriochloa distachya* H.B.K.

Venezuela

Type species of *Eriochloa*

Helopus cognatus Steud. Syn. Fl. Glum. 1: 101. 1854.

"*Eriochloa punctata* Hochst. in Hrbr. Hostm. nr. 319.
Eriochloa polystachya Salzm. et *Agrostis decipiens*
Salzm. Hrbr. Bahia, Surinam."

Brazil Dutch Guiana

Helopus globosus Steud. Syn. Fl. Glum. 1: 99. 1854.

"Thunb. Fl. jap. 49. *Eriochloa japonica*. Kunth."

= *Eriochloa globosa* (Thunb.) Kunth

Based on *Milium globosum* Thunb.

Japan

Helopus gracilis Fourn. ex Hemsl. Biol. Centr. Am.
Bot. 3: 484. 1885; Fourn. Mex. Fl. 2: 13. 1886.

"Valle de Oajaca pr. Ejutla et Ocotlan, octobri
(Liebm. n. 436)."

Mexico

= *Eriochloa gracilis* (Fourn.) Hitchc.

Helopus grandiflorus Trin. Sp. Gram. 3: t. 278. 1831.

"Figura ad specimen Brasilianum."

= *Eriochloa grandiflora* (Trin.) Benth.

Brazil

Helopus javanicus Steud. Syn. Fl. Glum. 1: 101. 1854.

"Holous? nr. 2784. Hrbr. Zollinger. Java."

Helopus junceus C. Muell. Bot. Zeit. 19: 314. 1861.

"Patria. In Americae septentrionalis terris aus-
traliioribus, ubi forsan in Texas legit T. Drummond
(Coll. 305 et 368)."

= *Eriochloa sericea* Man. U. S.

Texas Drummond 305 and 368

Helopus kunthii (G. Meyer) Trin. ex Steud. Nom. Bot.
ed. 2. 1: 747. 1840.

Based on *Eriochloa Kunthii* G. Meyer

Essequibo. British Guiana

Helopus laevis Trin. Spreng. Neue Entd. 2: 49. 1821,
as syn. of *Milium ramosum* Retz.

= *Eriochloa ramosa* (Retz) Kuntze

Helopus meyeri Steud. Bot. Nom. ed. 2. 1: 747. 1840, nom. nud.

Based on "*Piptatherum laeve* Nees. Meyen (Reise I.
466.)" name only.

Peru

Helopus mollis C. Mull. Bot. Zeit. 19: 314. 1861.

"Patria. In Americae septentrionalis comitatibus
australioribus, ubi forsan in Texas legit T.
Drummond (Coll. 370)."

= *Eriochloa contracta* Hitchc. Man. U. S.

Texas

Helopus nubious Steud. Syn. Fl. Glum. 1: 100. 1854.

"*H. annulatus* Hochst. hrbr. un. it. nr. 382. Nubia."

Africa

Basis of *Eriochloa nubica* (Steud.) Stapf, Fl. Trop.
Afr. 9: 500. 1919, note sub *Eriochloa acrotricha*
(Steud.) Hack.

Stapf makes the combination *E. nubica* but expresses
doubt that it is distinct from *Eriochloa acrotricha*
(Steud.) Hack. @

Helopus obtusus Steud. Nom. Bot. 1: 747. 1840.

Based on "*Piptatherum obtusum* Nees."

= *Stipa obtusa* (Nees & Meyen) Hitchc.

Peru Andes Gr.

Helopus pilosus Trin. Fund. Agrost. 104. 1820.

Based on "*Milium ramosum* Retz."

= *Eriochloa ramosa* (Retz.) Kuntze Man. U.S.

East Indies

= *E. procera*

Helopus polystachys Trin. ex Steud. Nom. II.
1: 747. 1840, nom. nud.

"Trin. mpt. 4 Quito," but
"*Eriochloa polystachya* Kunth Dr. 298.4 and "*Milium*
polystachyum Spr. 260.13" are given as synonyms,
hence taken as based on *Eriochloa polystachya*
H.B.K. 1815.

= *Eriochloa polystachya* H.B.K. 1815.

Andes Gr.

Man. W. I.

Helopus punctatus Nees, Agrost. Bras. 16. 1829.

Based on *Milium punctatum* L.

= *Eriochloa punctata* Man. U. S.

Jamaica

Helopus punctatus var. *cognatus* Döll. in Mart. Fl.
Bras. 2: 125. 1877.

"in prov. Rio de Janeiro (Martius, Olazicu), prope
Bahia (Salzm.) loco Brasiliae non indicato (Fohl)
etiam in Guiana batava (Hostmann), in Guiana gallica
(Sagot n. 691) et prope Orizaba Mexici
(Schlumberger)."

= *Eriochloa*

Brazil

Helopus punctatus var. *grandispioula* Döll in Mart.
Fl. Bras. 2: 125. 1877.

"loco Brasiliae non indicato (Fohl 2392)."

Helopus sanguinalis (Burm.) Nees, Agrost. Bras. 17.
1829.

Based on *Panicum sanguinale*, Burm. Fl. Ind. I. t. 1
fig. 1. (Icon. exol. definitione et synon.).

that is Burmann's plate, excluding name and
description.

India

= *Eriochloa* ~~sp~~

Helopus succinotus Trin. ex Steud. Syn. Fl. Glum.
1: 100. 1854.

Based on "*Paspalum succinotum* Trin. Ic. XIII t. 156
Eriochloa siocinta Kunth, En. 1: 73"
Kunth, l.c. (1833) cites "*Paspalum succinotum* Trin.
Diss 2: 119." and "Ic. 13. t. 156."

[Trin. Fl. 156 is *Eriochloa*]

Astrachan

Helopus trichopus Hochst. ex Steud. Syn. Fl. Glum.
1: 100. 1854.

"*Panicum papillosum* Fenzl Hrbr. Fl. aest. Kotsch.
nr. 74. *Panicum trichopodum* Rich. "Fl. Abyss. II.
369. 74. Nubia. Abyssin."

[Abyssinia (Dillon & Schimper no. 1656)]

Helopus tridentatus Trin. ex Steud. ^{Bot.} Nom. ^{ed.} 2.
1: 747. 1840.

Based on "*Paspalum tridentatum* Trin."

"Amer. aequin. (Lindley)."

Basis of *Eriochloa tridentata* (Trin.) Kuhlman, 1922.
South America

Helopus villosus Nees ex Steud. Nom. Bot. ed. 2.
1: 747. 1840.

"*Eriochloa villosa* Kunth Dr. 298. 3"

"*Paspalum distichum* Houtt."

"*Paspalum villosum* Thunb. S. 252. 33" cited.

Pasp. villosum Thunb. earliest name, basis of *E. villosa* Kunth.

Nagasaki Japan

Hemarthria altissima (Poir.) Stapf & C. E. Hubb. Kew
Bull. Misc. Inf. 1934: 109. 1934.

Based on *Rottboellia altissima* Poir.

"dans les environs du Bastion de France." (Poir.)

Hemarthria capensis Trin. Mém. Acad. St. Pétersb. VI.
Math. Phys. Nat. 2: 248. 1832.

"V. spp. Cap. b. sp."

Cape Good Hope, Africa

Hemarthria caudiculata Steud. Syn. Fl. Glum. 1: 359.
1854.

"Ex Hrbo. Deloche lectum in Monte Video."

Uruguay

Hemarthria compressa (L.f.) R. Br. Prodr. Fl. Nov.
Holl. 207. 1810.

Based on *Rottboellia compressa* L.f.

India

Hemarthria compressa ssp. *altissima* (Poir.) Maire in
Pign. Arch. Bot. Biogr. Ital. 34: 5. 1958.

Based on *Rottboellia altissima* Poir. 1789.

T. *Manisuris altissima* (Poir.) Hitcho.

Hemarthria compressa var. *fasciculata* (Lam.) Keng,
Contr. Biol. Lab. Sci. Soc. China Bot. Ser. 10:
202. 1936.

Based on *Rottboellia fasciculata* Lam.

= *Manisuris altissima*

"E. Barbaria" North Africa

Hemarthria compressa var. *japonica* (Hack.) Ohwi, Acta
Phytotax. & Geobot. 11: 177. 1942, as syn. of *H. japonica* (Hack.) Roshev. "Ohwi, ms."

Hemarthria coromandelina Steud. Syn. Fl. Glum. 1: 358.
1854.

"Ind. or."

Hemarthria fasciculata (Lam.) Kunth, Rev. Gram.
1: 153. 1829.

Based on "*Rottboellia fasciculata* Lam."

"E. Barbaria" N. Africa

= *Manisuris altissima* Man. U. S.

Hemarthria fasciculata var. *gracilis* Bal. Bull. Soc.
Bot. France 21: 11. 1874.

"Hab. in paludosis Ponti Lazici ad ostium fluvii Of.
(Bal!)"

[Lazistan, from title]

Asia Minor

Hemarthria foliata Steud. Syn. Fl. Glum. 1: 359. 1854.

"Hrbr. Drummond coll. IV. nr. 385. N. Holl."

Australia

Hemarthria glabra (Roxb.) Blatt. & McCann, Journ.
Bombay Nat. Hist. Soc. 32: 27. 1927.

Based on *Rottboellia glabra* Roxb. --ed. Carey 1820:

= *Hemarthria compressa* (L.f.) Kth. based on *Rottboellia compressa* Lf. Blatt. & McCann make new name on later synonym because Kunth misapplied the name!

Bengal, India

Hemarthria guyanensis Steud. Syn. Fl. Glum. 1: 359.
1854.

"Leprieur legit in Guyana."

South America

Hemarthria hamiltoniana Steud. Syn. Fl. Glum. 1: 358.
1854.

"*Rottboellia compressa* Hamilt. in Wall. cat. nr.
8870 C. Ind. or."

List

East Indies

Hemarthria humilis Keng, Sunyatsenia 1: 128. 1933.

"Kwangtung: Koochow city, collected in open swamp,
May 21, 1929, Y. Tsiang (no. 2401). Type in the
Herbarium of the Botanical Institute, Sun Yatsen
University, Canton, dupl. type in the Herbarium of
the New York Bot. Gard."

aff. *H. protensa* Nees

Hemarthria japonica Stapf, Bull. Peking Soc. Nat.

Hist. 2: 65. 1928, without description; (Hack.)

Roshev. in Kom. Fl. U.R.S.S. 2: 13. pl. 1. f. 8a.

1934, in Russian but gives basis, which Stapf does not.

Rottboellia compressa var. *japonica* Hack.

"near Ta Lung Men (Cowdry 1800, July 18, 1921; Kew det.)"

Hab. for basis: "*Japonia* pr. Yokuhamu (Naumann in h. berol.)"

Hemarthria laxa Steud. Syn. Fl. Glum. 1: 358. 1854.

"Wall. Cat. nr. 8871. Ind. or."

List

East Indies

Hemarthria longiflora (Hook.f.) A. Camus, Fl. Indo-
Chine 7: 380. 1922.

Based on "*Rottb. longiflora* Hook.f."

"Tenasserim; at Mergui, Griffith.
Assam, Herb. Munro."

Hemarthria longiflora var. *tonkinensis* (A. Camus)

A. Camus in E.G. & A. Camus in Lecomte, Fl. Indo-

Chine 7: 379. 1922.

Based on *Rottboellia tonkinensis* A. Camus

Tonkin:...(Balansa nos. 1784, 4394, 4773)...(Balansa, no. 1783)...(Balansa no. 4696)...(Mouret no. 540, p.p.)

Hemarthria natans Stapf in Frain, Fl. Trop. Afr.

9: 56. 1917.

"Mozambique Distr. Nyasaland: Umbaoa River,...
Scott! and without precise locality, Buchanan, 1910!"

Africa

Hemarthria ? perforata (Roxb.) Kunth, Rev. Gram.
1: 153. 1829.

Based on "*Rottboellia perforata* Roxb."

"rather rare; it grows on low rich pasture ground.
Coast of Coromandel."

India

Hemarthria peruviana Steud. Nom. Bot. ed. 2. 1: 748.
1840.

Cites: *Lodicularia uncinata* Meyen.

Hemarthria protensa Nees ex Steud. Syn. Fl. Glum.
1: 359. 1854.

"Wall. cat. nr. 8872. Ind. or."

List

East Indies

Rottboellia protensa (Nees) Hack based on this

Hemarthria ? rugosa (Hutt.) Kunth, Rev. Gram. 1: 153.
1829.

Based on "*Rottboellia rugosa* Nutt."

= *Manisuris rugosa* (Nutt.) Kuntze

Collected by Dr. Baldwin on the sea-coast of Florida
Man. U.S.

Hemarthria sibirica (Gandog.) Ohwi, Bull. Tokyo Sci.
Mus. no. 18: 1. 1947.

Based on *Rottboellia sibirica* Gandog.

"Siberia orient. ad Chabarowsk (Desoulavy in Herb.
fl. Ross. n. 2392!)"

Asia

Hemarthria subulata Reeder, Journ. Arn. Arb. 29: 350.
1948.

"British New Guinea: Western Division: Lake Davium-
bu, Middle Fly River, Brass 7552 (A. US, type)
August, 1936 (in savannahs, common on margins of
swamps)."

Hemarthria uncinata R. Br. Prodr. Fl. Nov. Holl.
1: 207. 1810.

"(D.) Insulam Van Diemen cujus regiones Septentri-
onales et praecipue Australes visitavi."

Basis of *Rottboellia compressa* var. *uncinata* (R. Br.)
Hack.

Australia

Hemarthria uncinata var. *spathacea* (Domin) Vickery,
Contrib. New South Wales Nat. Herb. 3: 83. 1961.

Basionym: *Rottboellia compressa* L.f. var. *spathacea*
Domin in Biblioth. Bot. 20: Heft 85. (1915) 261.
(f. p. 262).

Holotype: "In frutice apud Sunny Bank procul opp.
Brisbane, K. Domin, XII 1909."---in the herbarium of
K. Domin at the National Museum, Prague, and was seen
by me at Kew in 1948 while it was on loan to that
Herbarium."

Hemarthria vaginata Buse in Miquel, Fl. Jungh. 354.
1854.

"Habitat insulam Javae prope Tjibogo, Jungh."

[Henrard told A.C. Buse does not take unlaut; it is
a Dutch name, not German]

Hemibromus japonicus Steud. Syn. Fl. Glum. 1: 317.
1854.

Basis of *Glyceria japonica*

Type loc. "*Japonia*."

*Hemigymnia arnoldiana** var. *wombaliensis* Vanderyst, Bull. Agr. Congo Belge 16: 679. 1925, nom. nud.

"Tua 4954 (V.D.R.) [Vanderyst], Wombali 4527 (V.D.R.)

(Nees)
[*error for *Hemigymnia arnottiana* Stapf in Frain, Fl. Trop. Afr. 9: 741. 1920, not Griff. 1843, based on *Panicum arnottianum* Nees.]

Congo, Africa

Hemigymnia arnottiana (Nees) Stapf, Fl. Trop. Afr. 9: 742. 1920.

Based on *Panicum arnottianum* Nees in Steud.

"P. antidolale var. hrbr. Wight Ind. Or. Ceylon. Java," cited by Steud.

Hemigymnia arnottiana var. *micrantha* (Balansa) A. Camus, Fl. Indo-China 7: 455. 1922.

Based on *Panicum nodosum* var. *micranthum* Balansa.

"Tu-Fhap, Dong-Dang etc. (Balansa 480, 1609, 1610)."

Indo China

Hemigymnia ? canaliculata (Nees) Alston, Suppl. Fl. Ceylon 6: 324. 1931.

Based on *Panicum canaliculatum* Nees

Basis of *Holcolemma canaliculatum* (Nees) Stapf & Hubb.

Ind. Or.

Hemigymnia fusca Ridl. Fl. Malay Pen. 5: 228. 1925.

"Common. Whole Peninsula....Malacca (Griffith)... Rantau Panjang (Kloss)...Tanjong Malim (Burkill)... Pulau Betong (Curtis)... (other localities listed without collectors)

Hemigymnia javanica (Poir.) Alston, Suppl. Fl. Ceylon 6: 323. 1931.

Based on *Panicum javanicum* Poir....not Hook.f.

Java

Hemigymnia malabarica (L.) Henr. Med. Rijks Herb. Leiden 61: 12. 1930.

Based on *Poa malabarica* L. [see card for *Poa malabarica* L.]

Basis of *Panicum malabaricum* (L.) Merr.

India

Hemigymnia multinodis (Presl) Stapf in Frain. Fl. Trop. Afr. 9: 742. 1920.

"*Panicum nodosum* Kunth" which was based on *Panicum multinode* Presl, not Lam.

Philippines

Hemimunroa andina (Phil.) Parodi, Not. Mus. La Plata 2: 6. 1937.

Based on *Munroa andina* Phil.

Ad Paroma, Philippi, Tarapaca, Chile.

Hemimunroa andina var. *brevisetata* (Hack.) Parodi, Not. Mus. La Plata 2: 6. 1937.

Based on *Munroa andina* var. *brevisetata* Hack.

[Argentina]

Stuekert n. 22443 ex Lillo n. 9645 (9. IV. 1909) Jujuy, Estacion 3 Cruces. F. C. & Bol.

Hemisacris gmatodes Steud. in Flora 12: 490. 1829.

"In regione Witenhagen Fr. 6. sp. legit Beil, communicavit v. Ludwig."

= *Sohismus*

Africa?

Hemisorghum mekongense (A. Camus) C. E. Hubbard, in Bor. Grasses of Burma, Ceylon, India and Pakistan 686. 1960.

Based on *Sorghum halepense* (L.) Pers. var. *mekongense* A. Camus, Bull. Mus. Hist. Nat. Paris 25: 497. 1919.

Indo-China (Laos), Thailand, Burma on river banks.

One species--"distinguished from *Sorghum subgenus Sorghum* by the slender more loosely spiculate sessile or subsessile racemes, the slowly disarticulating rachis, the closely serrulated scabrid (not ciliate) internodes of the rachis and pedicels, by the lower glumes being 2-keeled to the base with the keels closely scabrid, the awless upper lemma, glabrous (not ciliate) lodicules, and by the much reduced pedicelled spikelets.

Henrardia persica (Boiss.) C. E. Hubbard, Blumea Suppl. 3 (Henrard Jubilee Vol.): 17. 1946.

Based on *Lepturus persicus* Boiss.

Persia, Aucher 2914.

Henrardia persica var. *erecta* (Griseb.) C. E. Hubbard, Blumea Suppl. 3 (Henrard Jubilee Vol.): 18. 1946.

Based on *Lepturus incurvatus* var. *erectus* Griseb.

"---in provinciis caucasicis australibus (Szov.)"

= *Henrardia*

Henrardia persica var. *glaberrima* (Hausskn.) C. E. Hubbard, Blumea Suppl. 3 (Henrard Jubilee Vol.): 19. 1946.

Based on *Lepturus persicus* var. *glaberrimus* Hausskn. ex Borm.

Asia Minor

Henrardia pubescens (Bertol.) C. E. Hubbard, Blumea Suppl. 3 (Henrard Jubilee Vol.): 19. 1946.

Based on *Rottboellia pubescens* Bertol.

"ex oris Euphrates"

Heptaseta japonica Koidz. Bot. Mag. Tokyo 47: 146. 1933, as syn. of *Senisetum Hideei* Honda

[= *Agrostis Hideei* Ohwi mss.]

Hesperochloa kingii (S. Wats.) Rydb. Bull. Torrey Club 39: 106. 1912.

Based on "*Poa* (?) *kingii* S. Wats."

East Humboldt Mts. Watson 1317. Man. U. S. II.

Hesperochloa kingii var. *rabiosa* (Piper) Swallen, Proc. Biol. Soc. Washington 54: 45. 1941.

Based on *Festuca confinis* ssp. *rabiosa* Piper.

= *Festuca scabrella* Torr. Man. U. S. II.

Wyo.

Heterachne abortivum (R. Br.) Druce, Rep. Bot. Soc. Exchange Club 1916: 627. 1917.

Based on *Poa abortiva* R. Br.

see H. brownii Benth. 1878.

Nova Hollandia, R. Br.

Heterachne Baileyi C. E. Hubb. in Hook.f. Icon. Fl. 33 (tabl. 3283): 3. 1935.

"Queensland. Cook District: Weipa, on the Embley River, June 1901, J. F. Bailey (Herb. Kew. et Herb. Brisb.)."

Australia

Heterachne brownii Benth. in Hook. Ic. Fl. 13: 40. 1877; Fl. Austral 7: 635. 1878.

Based on "*Poa abortiva* R. Br."

Nova Hollandia, R. Br.

Heterachne gulliveri Benth. in Hook. Ic. Fl. t. 1250. 1877.

"Between Norman and Gilbert Rivers, Carpentaria, North Australia, Gulliver."

Heterachne Gulliveri var. *major* C. E. Hubb. in Hook.f. Icon. Fl. 33 (tabl. 3283): 3. 1935.

"Queensland. Cook District: Gilbert River, on hard country, Feb. 1927, Brass 1716 (type)."

Australia

Heterantherium aleppicum Gandog. Bull. Soc. Bot. France 66: 300. 1920.

"Syria, ad Alep. (Kotschy n. 130!) (Charrel!)."

Heterantherium assyriacum Gandog. Bull. Soc. Bot. France 66: 300. 1920.

"Assyria, Erbil ad Amkova (Bornmuller n. 1829!)."

Heterantherium hermoneum Gandog. Bull. Soc. Bot. France 66: 300. 1920.

"Libanus, in M. Hermon (Letourneux n. 360!)."

Heterantherium piliferum Hochst. ex Jaub. & Spach. Illustr. 4: 24. pl. 318. 1850-53.

Based on *Elymus pilifer* Banks & Soland. ex P. Russell in A. Russell.

see also Eig, Journ. Bot. 75: 185-192. 1937.

Syria

[?] *Heteranthæcia guineensis* (Franch.) Robyns, Bull. Jard. Bot. Brux. 9: 201. 1932.

Dinebra guineensis Franch

Gabon, Congo, Africa

Heteranthoecia isachnoides Stapf in Hook. Icon. Fl. 30: pl. 2927. 1911.

"Tropical Africa: Northern Nigeria; Mupe, in swamps Barter, 1348: French Congo; Snussi Country (Chari oriental), at the sources of the Nielle River, Chevalier, 6825."

It is not stated from which collection illustration is made.

Heteranthus dubius (Leers) Thell. in Mém. Soc. Sc. nat. et math. Cherbourg 38: 108. (1912) (in syn.); Fedde, Rep. 11: 70. (1912).

"*Avena dubia* Leers"

[Generic name untenable = *Ventenata* in Conserved List, Internat. Rules, Brittonia 6: 49. 1947.

Heteranthus mooser Du Mort. Bull. Soc. roy. Bot. Belg. 74: 68. 1868, nom. nud.

[Generic name untenable --Internat. Rules Conserved List = *Ventenata* Brittonia 6: 49. 1947.

Heteranthus tenuis Du Mort. Bull. Soc. Roy. Belg. 7 (1): 68. 1868, nom. nud.; Fourr. Ann. Soc. Lim. Lyon n. ser. 17: 183. 1869, without descr.

Based on *Avena tenuis* Moench

V. *tenuis* is given. The V. is evidently a slip of the pen for H. as Fourreau makes *Heteranthus* n. genus and gives *Ventenata* as syn.

Generic name not tenable, Internat. Rules Conserved List, Brittonia 6: 49. 1947.

Heterelytron scabrum Jungh. in Hoev. & De Vriese
Tijdschr. 7: 295. 1840. [Jungh. in Tijdschr. Nat.
Gesch. 7: 294, as cited by Hack. in DC. Monogr.
Phan. 6: 676. 1889.

[Florae Javanicae]

Themeda

Heterocarpha haareri Stapf & Hubb. Kew Bull. Misc. Inf.
1929: 263. f. 1929.

For illust. see: Hook. Icon. Fl. 3456. 1947
[Under Hubbard]

"Tanganyika Territory: Pare District; Kihurio c. 720m.
Aug. 1928, Haarer 1470! (type)."

Africa

Heterocarpha schiemaniana H. G. Schweickert, Der
Züchter 31: 193. heft 4, abb. 1. 1961.

Typus: Schweickert 1900 in Herbario Universitatis
Pretoriensis. Isotypus in Herbariis-B.K.M. Pre, US.

Heterochloa alopecurus Desv. Opusc. 66. 1831.

"Crescit in insula Borboniae."

Basis of *Andropogon alopecurus* (Desv.) Hack. in
DC. Monogr. Phan. 6: 361. 1889. in *Andropogon*
subgen. *Schizachyrium*

Andropogon pendunculatus Baker cited as syn. by
Hackel, l.c.

"ins. Borboniae (ex Desv.)" cited by Hack.

Heterolepis elegans Ehrenb. ex Boiss. Fl. Orient.
5: 554. 1884, as syn. *Chloris meoana* Hochst.

= *Chloris meoana*

Heterolytron Hack. in DC. Monogr. Phan. 6: 676. 1889.
Error for *Heterelytron*, Jungh.

"Themeda gigantea ssp. villosa var. mutica (Hassk.)
Hack. l.c. *Heterolytron scabrum* Jungh. cited as
syn.

Heteropholis benoistii A. Camus, Bull. Soc. Bot. France
103: 476. 1956.

Domaine central de Madagascar: Manjakatampo, Ankaratra
alt. vers. 1700 m. Benoist 1639, in herb. Mus. Paris.

Heteropholis nigrescens (Thwaites) C. E. Hubb. Hook.
Icon. V. 6. pl. 3548. p. 4. 1955.

Based on *Rottboellia nigrescens* Thwaites

C. F. 867 type

Ceylon

Heteropholis sulcata (Stapf) C. E. Hubb. Hook. Icon. V.
6: pl. 3548. 1955.

Based on *Peltophorus sulcatus* Stapf 1917.

Manisuris sulcata (Stapf) Dandy 1931.

South Central Belgian Congo, Katanga; Eville, in dry
bush, Homblé 56.

Heteropogon acuminatus Trin. Mém. Acad. St. Pétersb.
VI: Math. Phys. Nat. 2: 254. 1832.

Brazil

= *H. melanocarpus*

Man. U. S.

Heteropogon allionii (Lam. & DC.) Roem. & Schult.
Syst. Veg. 2: 835. 1817.

Based on *Andropogon allionii* Lam. & DC. which is
based on "*Andropogon contortus* All. Fed. n. 2277.
t. 91. f. 4. excl. syn." [misappl. by All.]

= *H. contortus* (L.) Beauv.

Heteropogon allionii var. *messanense* (Biv.) Lojac. Fl.
Sicul. 3: 274. 1909.

"Biv. (pr. spec.) Pianta ined. Andr. Biv. p. 5.

[probably = *H. messanensis* Guss. Fl. Sic. Syn.
1: 164. 1843.] "*Messina* (Arrosti)"

"Messina"

Sicily

Heteropogon allionii var. *secundus* (Hack.) Fiori, Fl.
Anal. Ital. 1: 45. 1896.

Based on *Andropogon contortus* var. *secundus* Hack.

= *H. contortus* (L.) Beauv. Man. U.S.

Antigua, W. I.

Heteropogon allionii var. *secundus* (Willd.) Fiori,
Fl. Anal. Ital. 1: 45. 1908.

Based on *Andropogon contortus* var. *secundus* Hack.
(this based on *Andropogon secundus* Willd. in Nees,
Agrost. Bras. p. 364, 1829.)

Antigua W. I.

= *H. contortus* (L.) Beauv. H. Man. U.S.

Heteropogon allionii var. *typicus* Fiori, Nuov. Fl.
Anal. Ital. 1: 74. 1923.

Heteropogon arrhenobasis (Hochst.) Anderss. in
Schweinf. Beitr. Fl. Aethiopiens 310. 1867.

Based on "*Andropogon arrhenobasis* H[ochst.]
"ebenso 3614-3618."
pages 310 and 306 are transposed in binding or
printing. See 3 cards of *A. arrhenobasis* Hochst.

[Possibly "*A. arrhenobasis* Hochst." was taken from a
Hochst. specimen, not from Hochst. ex A. Rich. 1851,
nor in Steud. 1854 -A.C.]

Abyssinia

Heteropogon bellariensis (Hack.) C. E. C. Fisch. in
Gamble, Fl. Pres. Madras 10: 1743, 1744. 1934.

Based on *Androp. bellariensis* Hack.

India or.; Dekhan--Prope Bellari, Herb. Wight nr.
2321. East Indies

Heteropogon besukiensis (Steud.) Miquel, Fl. Ind. Bat.
3: 494. 1855.

Based on *Andropogon besukiensis* Steud.

Montis Arak-Aak Prov. Besukie (Hrbr. Zollinger
nr. 2770)

Java

Heteropogon betafensis A. Camus, Bull. Soc. Bot.
France 71: 924. 1924.

"Madagascar centr.: Betafo, alt. 1600 mètres, rare
(Ferrier de la Bathie, no. 10714)."

Heteropogon concinnus Thwaites, Enum. Fl. Zeyl. 368,
1864.

"Hab. Bibili, in the Badulla District, at no great
elevation"

Ceylon

Referred to *Andropogon caricus* by Hack.

Heteropogon contortus (L.) Beauv. ex Roem. & Schult.
Syst. Veg. 2: 836. 1817.

Based on *Andropogon contortus* L.

India

Man. U. S.

Heteropogon contortus var. *allionii* (Roem. & Schult.)
Cuénod, Fl. Tunisie 59. 1954.

Based on "*H. allionii* R. & Sch."; this based on
Andropogon contortus Allionii, Fed. n. 2277, t. 91,
f. 4, excl. syn. [misapplied by Allionii]

= *H. contortus* (L.) Beauv.

Heteropogon contortus var. *distichus* C. E. C. Fisch.
in Gamble, Fl. Pres. Madras 10: 1742, 1743. 1934.

"Anamallais at 3,500 ft. (Barber); Kodaikanal....
(Bourne)."

India

Heteropogon contortus var. *genuinus* subv. *hispidissimus*
(Steud.) Domin, Bibl. Bot. 85: 276. 1915.

Same comb. made by Blatter & McCann, Bombay
Grasses 111. 1935.

Andropogon hispidissimus Steud.

Abyssinia (Hrbr. un. it. nr. 1219.)

Heteropogon contortus var. *genuinus* subv. *Roxburghii*
(Arn.) Domin, Bibl. Bot. 85: 276. 1915.

Based on *Heteropogon Roxburghii* Arn.

East Indies (Wight Cat. n. 2321.

Heteropogon contortus var. *genuinus* subv. *typicus*
(Hack.) Blatter & McCann, Bombay Grasses 111. 1935.

Based on *Andropogon contortus* var. *genuinus*, subv.
typicus Hack.

India

Heteropogon contortus var. *glaber* (Pers.) Hack. in
Mart. Fl. Bras. 24: 268. 1883.

Comb. also made by: Hayek, Repert. Sp. Nov. Fedde
Beih. 304: 369. 1933.

Based on "*Heteropogon glaber* Pers."

Helvetia, Italia, Barbaria

Eur. Africa

Heteropogon contortus var. *hirtus* Fenzl ex Hack.
in Mart. Fl. Bras. 2(3): 267. 1883.

Cites: "Fenzl in Herb. Vindob."

[Brazil]

Heteropogon contortus var. *hispidissimus* (Hochst.)
Honda, Bot. Mag. Tokyo 40: 105. 1926.

Based on *Androp. hispidissimus* Hochst.

Abyssinia (Hrbr. un. it. nr. 1219)

Africa

Heteropogon contortus subv. *secundus* (Willd.) Domin,
Bibl. Bot. 85: 276. 1915.

Based on *Andropogon contortus* var. *secundus* (Willd.)
Hack.; *Andropogon secundus* Willd. ex Nees (as syn.);
Griseb. Fl. Brit. W. Ind.

Antigua

Heteropogon filifolius Nees, Fl. Afr. Austr. 102. 1841.

Based on *Andropogon filifolius*

Olifantshoek ad flumen Boschesmanrivier, montis
Tigerberg, prope Leon. (Ecklon); montium Zurebergen
cognominatum... (Vitenhage), Drège.

So. Africa

Heteropogon firmus Presl, Rel. Haenk. 1: 334. 1830.

Mexico, Haenke

= *H. contortus* (L.) Beauv. ex Roem. & Schult.

Man. U. S.

Heteropogon fischerianus Bor, Kew Bull. 1951: 170. pl. 2.
1951.

Ind. Or.: Madras, Kodaikanal, Pulneys, "Fairy Falls",
27 Apr. 1898, Bourne 1207; "Jesmond Hill", 1 Jul. 1901
ibid. 2025 (typus in Herb. Kew); ibid 2026; Poonaohi,
Annamalais, 10 Oct. 1901, C. A. Barber.

"*Heteropogon contortus* var. *distichus* C.E.C. Fischer"
cited as synonym.

Heteropogon glaber Pers. Syn. Fl. 2: 533. 1807.

"*Andropogon allioni* Decand....*A. contortus* Allioni
...Hab. in Helvetia, Italia, Barbaria."

= *H. contortus* Man. U. S.
Europe

Heteropogon grandiflorus (Hack.) Rendle, Cat. Afr. Fl.

Welw. 2: 153. 1899.

Based on "*Andropogon grandiflorus* Hack."

Afr. trop. ad flumen Niger prope Teba (Barter 1373
in exped. Baikiana).

Africa

Heteropogon hirtus Pers. Syn. Fl. 2: 533. 1807.

Based on *Andropogon contortus* L.

Mauritius, India

= *Heteropogon contortus* Man. U. S.

Heteropogon hirsutus Beauv. Ess. Agrost. 134. 1812.

Error for *hirtus* Pers. which is given in the
index p. 164.

= *H. contortus*

Heteropogon hirtus Anders. in Schweinf. Beitr. Fl.

Aethiop. 300. 1867, without description. Not
Pers. 1807?

Africa

Heteropogon hispidissimus Hochst. ex A. Rich. Tent.

Fl. Abyss. 2: 453. 1851, as syn. of *Andropogon*
contortus L.; ex Steud. Syn. Fl. Glum. 1: 367.
1854. (species not mentioned, only "Hrbr. un. it.
nr. 1219 sub: *Heteropogon*.")

= *H. contortus* in Stapf Fl. Trop. Afr.

Heteropogon hochstetteri (Steud.) Anders. in Schweinf.

Beitr. Fl. Aethiop. 310 [error for 306]. 1867.

Based on *Andropogon hochstetteri* Steud.

= *Diectomis fastigiata* (Sw.) Kunth.

Abyssinia

Heteropogon hohenackeri Hochst. ex Miquel, Anal. Bot.

Ind. 2: 24. 1851, without descr.

= *H. contortus* in Stapf Fl. Trop.

Africa

Heteropogon insignis Thwaites, Enum. Fl. Zeyl. 437.

1864.

"C. P. 3804 [Ceylon Plants 3804] Hab. Mahning-galla
Matelle East."

Ceylon [Thwaites]

= *Heteropogon triticeus* (R. Br.) Stapf

Heteropogon isohyranthus (Steud.) Miquel, Fl. Ind.

Bat. 3: 493. 1855.

Based on *Andropogon isohyranthus* Steud.

Philippine Islands (Cuming Hrbr. nr. 1005)

Heteropogon leptocladus (Hack.) Parodi, Rev. Argentina

Agron. 28: 118. f. 4. 1961.

Andropogon leptocladus Hack. Flora 68: 122. 1885.
f. *simplex* Hack. Bull. Herb.
Beiss. 2 ser. 4: 268. 1904. In arenosis
Cordillera de Altos, Jam., n. 3766.

Heteropogon leptocladus (Hack.) Parodi var. *pilosus*

Parodi Rev. Argentina Agron. 28: 120. f. 4. 1961.

"Differt a type foliis pilosis"

Argentina: Corrientes, dep. Concepción, Rincon de
Luna, en campos arenosos, leg. T. H. Federsen
no. 5807, 26-11-1961. (Typus varietatis in herb.
L. R. Parodi)

Heteropogon liantherus (Steud.) Miquel, Fl. Ind.

Bat. 3: 493. 1855.

Based on *Andropogon liana[n]therus* Steud.

= *H. triticeus*

Java

Heteropogon lucidulus Ande. ex Schweinf. Beitr. Fl.

Aethiop. 300. 1867, without description.

Not in Hack. nor Stapf.

Africa

Heteropogon megapotamicus (Spreng.) Schult. Mant.

2: 668. 1824.

Based on *Andropogon megapotamicus* Spreng.

= *Trachypogon polymorphus* var. *mollis* Hack. in Hack.

Rio Grande (Sello)

Brazil

Heteropogon melanocarpus Duthie in Atkins. Gaz. N. W.

Ind. 638. nomen. Not Benth. 1881.

Name only

Ind. Or.

Heteropogon melanocarpus (Ell.) Benth. Journ. Linn.

Soc. Bot. 19: 71. 1881.

Based on *Andropogon melanocarpus* Ell.

"Between Fort Barrington on the Altamaha and Jeffer-
son on the Saltilla. (R. Habersham)."

Georgia Man. U. S.

Heteropogon melanocarpus (Muhl.) Cqult. Contr. U. S.

Nat. Herb. 2: 493. 1894. Benth 1881, but not
same type.

Based on "*Stipa melanocarpa* Muhl."

= *H. melanocarpus* (Ell.) Benth. Man. U. S.

Georgia

Heteropogon messanensis Cuss. Fl. Sic. Syn. 1: 164.

1843.

"Messina (Arrosto)"

= *H. contortus*. Not in Hackel.

Sicily

Heteropogon oliganthus (Hochst.) Blatt. & McCann,

Journ. Bombay Nat. Hist. Soc. 32: 623. 1928.

Based on *Andropogon oliganthus* Hochst.

(Hrbr. Holmkr. ind. nr. 1288). Montes Nilagiri

India

Heteropogon pilosus Spreng. Nov. Prov. Hal. 22.[1819]

"Habitat in India orientali."

Not in Hack.

Heteropogon polystachyus (Roxb.) Schult. Mant. 2: 460.

1824. [Nees, Agrost. Bras. 364. 1829, same basis.

Based on "*Andropogon polystachyus* Roxb."

[*Andropogon contortus* var. *glaber* subv. *polystachyus*
(Roxb.) Hack. in Hack.

= *Heteropogon contortus*

Brit. India

Heteropogon polystichus Hochst. Flora 39(n.r. 14):

28. 1856. "in Hb. Abyss. Un. itin. nr. 2012.--

Syn. Glum. 1. p. 369." in Hack. DC. Monogr. Phan.

6: 584. 1889, as syn. of *Andropogon melanocarpus*
Ell.

Hochst. Flora 39: 28. 1856, says Steudel is mistak-
en in referring this to *A. polystichus* [error for
polystichus]

"Hb. Abyss. Un. itin. nr. 2012" cited by Hochst.
for *Heteropogon polystichus* Hochst.

Africa
= *Heteropogon melanocarpus* [Ell.] Benth. in Stapf
Fl. Trop.

Heteropogon pubescens (Vis.) Anders. in Schweinf.

Beitr. Fl. Aethiop. 300, 310 [error for 306] 1867.

Based on *Andropogon pubescens* Visiani

= *Andropogon hirtus* L. in Hack. Monogr. p. 619.

[Stapf 316]

Dalmatia - Yugo Slavia

Heteropogon ritchiei (Hook.f.) Blatt. & McCann, Journ.

Bombay Nat. Hist. Soc. 32: 623. 1928.

Based on *Andropogon ritchiei* Hook.f.

The Deccan; Belgaum Ritchie

India

Heteropogon roxburghii Arn. ex Nees, Nov. Act. Acad.

Caes. Leop. Carol. 19: Suppl. 1: 51. 1841; 183.

1843.

"W.--Arn. et N. ab E. Glum. Ind. or. Wight Cat.
n. 2321."

East Indies

Heteropogon roylei Nees ex Steud. Syn. Fl. Glum. 1:

367. 1854, as syn. of *Andropogon segaensis* Steud

"*Heteropogon Roylei* Nees mpt. Wall. Cat. nr. 8801."
List.

India

Heteropogon scrobiculatus (Nees) Fourn. Mex. Fl.

2: 64. 1886.

Based on "*Trachypogon scrobiculatus* Nees."

Brazil

= *Heteropogon melanocarpus* Piahiensis,

Brazil

Heteropogon secundus Presl, Rel. Haenk. 335. 1830.

"Hab. in Mexico." Haenke

= *Trachypogon secundus* (Presl) Scribn.

Mexico

Heteropogon stipoides Presl, Rel. Haenk. 1: 335. 1830.

"Hab. in Mexico" Haenke, Coll.

= *Trachypogon*

Heteropogon tenellus (Roxb.) Schult. Mant. 2: 460.

1824.

Based on "*Andropogon tenellus* Roxb."

sp. dub. in Hack. Monogr. 582.

Bengal. India

Heteropogon tenuiculus (Steud.) Miquel, Fl. Ind.

Bat. 3: 494. 1855.

Based on *Andropogon tenuiculus* Steud.

= *Andropogon sericeus* R. Br. in Hack. p. 575.

Philippine Islands

Ins. Luzon. (Hrbr. Cuming nr. 1398)

Heteropogon triticeus (R. Br.) Stapf, Kew Bull. Misc.
Inf. 1912: 432. 1912.

(Same comb. made by Domin, Bibl. Bot. 85: 277. 1915.
Druce, Rep. Bot. Soc. Exchange
Club 1916: 628. 1917.)

Based on *Andropogon triticeus* R. Br.
N. Holland
[Australia]

Heteropogon truncatus Nees, Fl. Afr. Austr. 102. 1841.

"In itinere per Districtum Uitenhage a Krumrivier
flumine trans Lamonsrivier et Krakamma Uiten-
hagem, (Ecklon)."

= *Trachypogon* in Stapf, Fl. Cap. 332.
Africa

Heteropogon villosus Nees, Agrost. Bras. 362. 1829.

"Habitat (Var. α et β) in Brasilia australiori
(Sellow.) (Vidi in Herb. Reg. Berol.)"

Basis of *Andropogon Neesii*

Agonium
Brazil

Heteropogon villosus var. *apogynus* Hack. in Mart. Fl.
Bras. 23: 270. 1883.

pr. Caldas, Lagoa Santa
Agonium
Brazil

Heteropogon villosus var. *dactyloides* Hack. in Mart.
Fl. Bras. 23: 270. 1883.

1. Selloanus pl. 62. fig. 2.
2. Riedelianus "Regnell etc. lecta"

Group var. "1. (Sello);
2. Rio Coxim et Cuyabá (Riedel), Serra
Dourada (Pohl), Serra de Caldas
(Mosén)."

Brazil

Heteropogon villosus var. *genuinus* Hack. in Mart. Fl.
Bras. 2(3): 269. 1883.

α 1. typicus
2. leiophyllus
3. gardneri
4. leianthus

β *dactyloides*
1. selloanus
2. riedelianus

apogynus

Heteropogon villosus var. *genuinus* subv. *Gardneri*
Hack. in Mart. Fl. Bras. 2(3): 269. 1883.

3. Goyaz (Gardner n. 4061).

Brazil. (Goyaz.)

Copied from Gray cards. The subvars. are numbered
in book.

Heteropogon villosus var. *genuinus* subv. *leianthus*
Hack. in Mart. Fl. Bras. 2(3): 269. pl. 62. f. 2.
1883.

4 Lagoa Santa (Warming)

1. Selloanus
2. Rio Coxim et Cuyabá (Riedel), Serra
Dourada (Pohl), Serra de Caldas (Mosén)

Copied from Gray cards--The subvars. are numbered
in book.
Brazil

Heteropogon villosus var. *genuinus* subv. *leiophyllus*
Hack. in Mart. Fl. Bras. 2(3): 269. 1883.

2 *leiophyllus* (loc. not indicated) [Brazil]
Brazil

Copied from Gray cards. The subvars. are numbered
in book.

Heteropogon villosus var. *genuinus* subv. *typicus* Hack.
in Mart. Fl. Bras. 2(3): 269. 1883.

1. "Neesii s. strict
pr. Sorocaba (Riedel, Lund); in prov.
Minarum (Claussen, Weddell)."

Heterostegia americana Desv. Journ. Bot. 1: 68. 1813.

Based on "*Aristida americana* Sw."

= *Bouteloua americana* (L.) Scribn.

Jamaica Swartz

Man. W. I.

[a]
Heterostegia curtispindulus [Schwein.]; Hook.f. Trans.

Linn. Soc. Bot. 20: 175. 1851, as synonym of

Eutriana affinis Hook.f.

= *Bouteloua curtispindula* Man. U. S.

Heterostegia festucaeformis Bonpl. ex Fourn. Mex. Fl.

2: 140. 1886, as syn. of *Atheropogon bromoides*.

Herb. name as syn. of *Atheropogon bromoides* R. & S.

= *Bouteloua radiceosa*

Mexico

Heterostegia juncifolia Desv. in Nouv. Bull. Soc.

Phil. 2: 188. 1810.

"Habitat in Antillis."

= *Bouteloua heterostegia* (Trin.) Griff.

Antilles

Man. W. I.

Heterostegia rhadina Nash, Bull. Torr. Bot. Club

30: 386. 1903.

"Collected on the Adjuntas road near Ponce, by
Heller, no. 6057." [Porto Rico].

= *Bouteloua heterostegia* (Trin.) Griff.

Man. W. I.

Heuffelia australis (Parl.) Fourr. in Ann. Soc. Linn.

Lyon. N. S. 17: 183. 1869.

Presumably based on *Avena australis* Parl.

Sicily

Heuffelia bromoides (Gouan.) Schur, Enum. Fl. Transs.
762. 1866.

Based on "*Avena bromoides* Gouan... Koch."

Montpellier

France

Heuffelia compressa (Heuff.) Schur, Enum. Fl. Transs.
762. 1866.

Based on "*Avena compressa* Heuff."

Hungary

Heuffelia convoluta (Presl) Schur, Enum. Fl. Transs.
763. 1866.

Based on "*Avena convoluta* Presl"

Sicily

Heuffelia convoluta var. *heterophylla* Schur, Enum.
Fl. Transs. 763. 1866.

"Auf dem südlichen Abhang des Kapellenberges bei
Kronstadt Mai 1854. 3000."

Rumania

Heuffelia convoluta var. *hirsuta* Schur, Enum. Fl.
Transs. 763. 1866.

"Auf den Salomonsfelsen bei Kronstadt Mai. 1854."

Rumania

Heuffelia laevigata (Schur.) Schur, Enum. Fl. Transs.
761. 1866.

Based on "*Avena laevigata* Schur"

Rumania

Heuffelia lucida (Bertol.) Schur, Enum. Fl. Transs.
761. 1866.

Based on "*Avena lucida* Bertol."

Italy

Heuffelia montana (Vill.) Fourr. in Ann. Soc. Linn.
Lyon. N. S. 17: 183. 1869.

Presumably based on *Avena montana* Vill.

France

Heuffelia planiculmis (Schrad.) Schur, Enum. Fl.
Transs. 762. 1866.

Based on "*Avena planiculmis* Schrad."

= *Helictotrichon planiculmis* (Schrad.) Pilger.

Germany

Heuffelia praecusta (Reichb.) Schur, Enum. Fl. Transs.
762. 1866.

Based on "*Avena praecusta* Rehb."

Austria-Hungary

Heuffelia pratensis (L.) Schur, Enum. Fl. Transs.
762. 1866.

Based on "*Avena pratensis* L."

= *Helictotrichon pratense*

Europe

Heuffelia pubescens (Huds.) Schur, Enum. Fl. Transs.
760. 1866.

Based on "*Avena pubescens* Huds." = Huds. 1762.
L. 1763 = Huds. 1762.

England

= *Helictotrichon pubescens* (Huds.) Pilger

Heuffelia pubescens var. *pallida* Schur, Enum. Fl.
Transs. 761. 1866.

"Auf den Hügeln bei Stolzenburg."

Rumania

= *Helictotrichon*

Heuffelia pubescens var. *sesquiflora* Schur, Enum. Fl.
Transs. 760. 1866.

"Auf sandigen Wiesen, Hügeln, an Flussufern."

= *Helictotrichon*

Rumania

Heuffelia pubescens var. *subracemosa* Schur, Enum. Fl.
Transs. 760. 1866.

"Auf Alpentriften: Podruschel, Arpas. Kerzesorer
Alpen."

Rumania

= *Helictotrichon*

Heuffelia pubescens var. *subtricolor* Schur, Enum. Fl.
Transs. 761. 1866.

"Auf Wiesen bei Hermannstadt."

= *Helictotrichon*

Rumania

Heuffelia scheuchzeri (All.) Schur, Enum. Pl. Transs.
763. 1866.

Based on *Avena scheuchzeri* All."

= *Helictotrichon*

Switzerland

Heuffelia sempervirens (Vill.) Schur, Enum. Pl.
Transs. 763. 1866.

Based on "*Avena sempervirens* Vill."

Dauphine, France

= *Helictotrichon sempervirens* (Vill.) Pilger

Heuffelia setacea (Vill.) Schur, Enum. Pl. Transs.
763. 1866.

Based on "*Avena setacea* Vill."

France

= *Helictotrichon*

Hexarrhena cenchroides Presl, Reliq. Haenk. 1326.
Pl. 14. 1830.

Hab. in Mexico = *Hilaria cenchroides* H.B.K. Nov.
Gen. et Sp. 1. 117. The specimen represents a tall
form with bearded sheaths, scabrous leaves and with
the divisions of the outer glumes ciliate.

Hickelia alaotrensis A. Camus, Bull. Soc. Bot. France
102: 120. 1955.

Madagascar (E): route du lac d'Alaotra à Andilamena,
N du lac, ---Boiteau 4330.

Hickelia madagascariensis A. Camus, Compt. Rend. Acad.
Sci. Paris 179: 479, 480. 1924. See also Bull.
Soc. Bot. France 71: 901. (fig.) 1924. subtribe
Hickeliace A. Camus, l.c. 480.

Madagascar

"Madagascar centr.: bois d'Ambatofitorano, au sud
d'Ambositra, alt. 1600m (Perrier de la Bathie,
no. 10787).

Hierochloa alpina Roem. & Schult. Syst. Veg. 2: 515.
1817.

Based on "*Holcus alpinus* Swartz"

Lapland

Man. U. S.

Hierochloa alpina var. *aristata* Rasp. in Saig. &
Rasp. Ann. Sci. Observ. 2: 85. 1829.

"H. alpina R. Br." cited, error, probably [same
as R. Br.] in Parry's Voyage.

= *H. alpina*

Man. U. S.

Hierochloa alpina var. *intermedia* Haak, Bull. Herb.
Boiss. 7: 646. 1899.

"Coll. Faurie: 9871 Shakotan (Yezo)."

[Japan]

Hierochloa alpina var. *longiligulata* S. Kawano, Acta
Phytotax. & Geobot. 17: 2. f. 2. 1957.

"Hokkaido, Mt. Washibetsu, Prov. Iburi
(S. Kawano, V. 27. 1956 in Herb. Fac. Agric.
Hokkaido Univ.)

"---more numerous florets 15-20."

Hierochloa alpina ssp. *microstachya* Frintz, Veg.
Siber. Mongol. Front. 119. 1921.

"Collected in the Altai"

"Distribution: Arctic and alpine regions of the
northern hemisphere, and on New Zealand."

Hierochloa alpina var. ? *monstruosus* Koidz, Bot. Mag.
Tokyo 32: 63. 1918.

"Distr. Yezo: Mt. Kamumetokumupuri, alpine belt,
(leg. H. Koidzumii Aug. 1917)."

Japan

Hierochloa alpina f. *monstruosa* (Koidz) Ohwi, Bull.
Nat. Sci. Mus. Tokyo 28: 67. 1954.

Presumably based on *H. alpina* var. *monstruosus*
Koidz.

Japan

Hierochloa alpina var. *mutica* Rasp. in Saig. & Rasp.
Ann. Sci. Observ. 2: 85. 1829.

"H. pauciflora R. Br." cited.

[Melville Isl.]

Arctic America

Hierochloa alpina var. *recurvata* (Haak. ex Cheesem.)
Zotov, Trans. & Proc. Roy. Soc. New Zeal. 73: 235.
1943.

Based on *H. fraseri* var. *recurvata* Haak. ex Cheesem.

North and South Islands, Stewart Isl.

New Zealand

Hierochloa alpina f. *Soperi* Polunin, Bull. Nat. Mus.
Canada 92(Biol. Ser. 24): 43. pl. 1. 1940.

"Type in Herb. Ottawa: J. D. Soper, Nettilling Lake,
Baffin Island, No. 125699, July 9, 1925."

Arctic America

Hierochloa alpina var. *submutica* (F. Muell.) Kirk,
Journ. Linn. Soc. 19: 287. 1882.

Based on *H. submutica* F. Muell.

Australia

Hierochloa alpina var. *uralensis* Pohle ex Fedtsch.
Bull. Jard. Bot. Pierre le Grand 14 (Suppl. 2): 47.
1915, nom. nud.

Urals, U.S.S.R.

Hierochloa alpina var. *vivipara* Scheutz ex Fedtsch.
Bull. Jard. Bot. Pierre le Grand 14 (Suppl. 2): 47.
1915, nom. nud.

U.S.S.R. ?

Hierochloa altissima Steud. Syn. Fl. Glum. 1: 13. 1854.

= *H. utriculata*

"Lechler legit Valdiviae."

Chile

Hierochloa angusta Hitchc. Brittonia 2: 118. 1936.

"lemmas 1 and 2 no paleas, no stamens."

Basis of
Anthoxanthum angustum (Hitchc.) Ohwi

[A.C. Journ. Arb. 24: 84. 1943 erroneously referred
it to *Hierochloa horsfieldii* (Kunth) Maxim.]

"Type, Brass 4412, collected July 5, 1933, on
grasslands (common) on Mt. Albert Edward, Central
Division, alt. 3680 m."

New Guinea

♂ *Ataxia*

Hierochloa annulata V. Petr. Fl. Jakut. 1: 131. 1930,
as syn. of *Hierochloa odorata* var. *annulata* V. Petr.

The drawing is labeled "*Hierochloa annulata*" but
the species is given under new var. "*V. Petr.*
in sched."

Asia

Hierochloa antarctica (Labill.) R. Br. Prod. 209. 1810.

Based on "*Disarrenum antarcticum* Labill." (1806)

Van Dieman [Tasmania]

Hierochloa antarctica var. *brunonis* (Hook.) Zotov,
Trans. & Proc. Roy. Soc. New Zeal. 73: 235. 1943.

Based on *H. brunonis* Hook.

Lord Auckland's group and Campbell's Island

New Zealand

Hierochloa arctica Presl, Reliq. Haenk. 1: 252. 1830.

"in situ Nootka."

Vancouver Isl.

= *H. odorata*

Man. U. S.

Hierochloa arenaria Steud. Syn. Fl. Glum. 1: 416. 1855

"Hrb. Lechler nr. 1138. In arenosis Prov. Sandy
Point Magellan."

Patagonia

Hierochloa aristata Wulf. Fl. Nor. Phan. ed. Fensl.
& Graf. 82. 1858.

"Goritia in sylvis montanis: prope Cividale intra
rupes castelli Cusano. Olim prope Graecium in
sylvis montanis Eggenbergensibus."

Austria

Hierochloa australis Roem. & Schult. Syst. 2: 514. 1817

Based on "*Holcus australis* Schrad."

Germany

Hierochloa australis Dum. Obs. Gram. Belg. 146. 1823.
of. R. & S. 1817.

"*Holcus odoratus* Host. gr. 1. tab. 4. Communicavit
amiciss. Desmazieres." cited.

Austria

Hierochloa Banksiana Endl. Ann. Wien Mus. Naturgesch.
1: 156. 1836, without descr.

"*Holcus redolens* Forst. prodr. n. 563. non Vahl.
Gfr. R. Brown prodr. 209." cited.

"Nova Zeelandia (Banks & Sol.)"

Hierochloa borealis Roem. & Schult. Syst. Veg. 2: 513.
1817.

Based on "*Holcus borealis* Schrad."

= *Hierochloa odorata*

Germany

Hierochloa borealis Roem. & Schult. misappl. by Hook.f.
Fl. N. Zel. 1: 300. 1853.

"H. frazeri, mihi in Fl. Antarot. note, p. 93. R. & S.
Syn. 2: 513.

"Northern and Middle Islands: top of Ruahine
mountains, Colenso; mountains near Nelson, Dr.
Monro."

New Zealand

Hierochloa borealis var. *daurica* Trautv. Act. Hort.
Petrop. 5: 139. 1877.

Based on *H. daurica* Trin. [dahurica]

Dahuria, Mongolia

Hierochloa borealis var. *filina* Hartm. Handb. Skand. Fl.
ed. 5. 308. 1849.

"(Hab. Gevaliae in Bormaren: Rn.)"

Sweden

Hierochloa borealis var. *fragrans* Hartm. Handb. Skand.
Flora ed. 4. 28. 1843.

"Hab. in alpe Åreskutan Jemtiae)"
Scandinavia

Hierochloa borealis var. *macrantha* Gruner, Bull. Soc.
Nat. Moscou 42: 137. 1869.

"inter pagos Wesselaja et Podstepnaja"
[Rossiae australis]

Hierochloa borealis var. *micrantha* Grun. Bull. Soc.
Nat. Moscou 42: 137. 1869.

"In dextro ad Konkam flum. Clivo cooid. versus a
foro Grigorjewka"
[Rossiae australis]

Hierochloa borealis var. *microstachya* Hartm. Handb.
Skand. Fl. ed. 5. 308. 1849.
Same var. Anderss. Fl. Scand. Gram. 110. 1852.

"Skåne. Lund på Kungälvskan samt vid Fogelsång:
Borgetr. V G. [Vestergötland] Skara och Lidköp.
Lindgren."

Sweden

Hierochloa borealis var. *odorata* Trautv. Act. Hort.
Petrov. 5: 571. 1877.

"H. borealis Griseb." error. Griseb. in Ledeb. Fl.
Ross. 407. 1853 cites "H. borealis Roem. & Schult."
which is based on *Holcus borealis* Schrad.

Asia

= *H. odorata*

Hierochloa borealis var. *pratensis* Grun. Bull. Soc.
Nat. Moscou 42: 138. 1869.

"In pratis humidis reg. demissae ad Borysthenem"
[Rossiae australis]

Hierochloa brunonis Hook.f. Fl. Antarct. 93. pl. 52.
1844.

"Hab. Lord Auckland's group and Campbell's Island:"
New Zealand

Hierochloa bungeana Trin. Mém. Acad. St. Pétersb. VI.
Sci. Nat. 34: 82. 1839.

"China, provinc. Tan-schan, ad margines agrorum.
(Bunge.)"

Hierochloa olarkei Hook.f. Fl. Brit. Ind. 7: 223. 1896.

"Khasia Hills, at Lailan Kote....Clarke."
India

Hierochloa dahurica Trin. Mém. Acad. St. Pétersb. VI.
Sci. Nat. 34: 80. 1839.

"Dahur. Monghol. chilensis, in montosis lapidosis.
(Turtschaminoff.)"
Dahuria, Asia

Hierochloa dregeana Nees ex Trin. Mém. Acad. St.
Pétersb. VI. Sci. Nat. 34: 83. 1839.

"Casp." [Cape bonae spei] Africa
Ataxia

Hierochloa dregii Nees, Fl. Afr. Austr. 1: 9. 1841.

"In pratis subhumidis alt. I. ad Bergrivier (Drège):"
[Anthoxanthum dregeanum based on this]

= *Ataxia*

South Africa

Hierochloa ecklonii Nees, Fl. Afr. Austr. 1: 7. 1841.

"Ad coloniam Herrenhuthorum, Silo dictam, iuxta
flumen Klipplaatsrivier alt. III-IV. (Tambukiland.)
...in udis inter Klipplaatsrivier et Katrivier
flumina alt. VI., (Drège)"

South Africa

§ *Ataxia*

[Anthoxanthum Ecklonii based on this]

Hierochloa elongata Hand.-Mazz. Symb. Sinicae 75: 1299.
1936.

wtp. St. = warmtemperierte Stufe

"In der wtp. St. Y.: [Yühnen] Gebüsch auf dem
Rücken zwischen Dsaojdjding und Hwadung e des
Dsolin-ho, Sandstein, 2600 m, 8. IX. 1914 (4967,
Typus)"

China

Hierochloa flexuosa Hook.f. Fl. Brit. Ind. 7: 222.
1896.

"Sikkim Himalaya; Bijean, King's Collector."

Hierochloa fragrans Roem. & Schult. Syst. Veg. 2: 514.
1817.

Based on "*Holcus fragrans* Willd."

= *Hierochloa odorata*

Man. U. S.

Hudson Bay, Canada

Hierochloa fraseri Hook.f. Fl. Tasm. 2: 108. 1860,
as syn. *Hierochloa borealis* R. & S.

Brief description Hook.f. Fl. Antarctica 1: 93.

1844.

Tasmania

Hierochloa fraseri var. *recurvata* Hack, in Cheesem. Man.
N. Zeal. Fl. 856. 1906.

[1039 in Hackel report to Cheeseman, Ruahine Mts.
North Isl. D. Petrie, coll.]

"North and South Islands, Stewart Island."

New Zealand

Hierochloa glabra Trin. in Spreng. Neue Entdeck. 2: 66.
1821.

"Hab. in Dauria."

Central Asia

Hierochloa glabra var. *grandiflora* Litv. Sched. Herb.
Fl. Ross. 8: 154. 1918.

"Prov. Primorskaja, pr. urb. Wladiwostok,"
N. A. Palechewski Coll. 1903. V. 12. [Exsicc.:
Herb. Fl. Ross. no. 2705]

S. E. Siberia

Hierochloa glauca Gliem. ex Bab. Journ. Linn. Soc.
11: 341. 1870, nom. nud.

= *borealis* ?

Hierochloa gracillima Hook.f. Fl. Brit. Ind. 7: 223.
1896.

"Sikkim Himalaya....J. D. H. 'ooker,"

Hierochloa grandiflora Petrov, Fl. Yakut. 1: 128. 1930,
in Russian discussion of *H. bungeana*, without de-
scription.

"H. glabra var. grandiflora Litv. in sched. ad
Herb. Fl. Ross., fasc. VIII, 154. 1922." cited.

N. of Manchuria

Hierochloa Gumckelii Parodi, Rev. Mus. La Plata Bot.
n. ser. 3: 197. f. 5,6. 1941.

"Chile: Valdivia, Amargos, leg. Gumckel (Herb.
Parodi no. 13643, Typus speciei, cultivado en el
Jardin Botánico de la Facultad de Agronomía de
Buenos Aires, XI-1940)."

South America

Hierochloa hookeri (Griseb.) Maxim. Bull. Acad. Sci.
St. Petersb. 32: 627. 1888.

Based on "*Ataxia Hookeri* Griseb. Nachr. Gott. 1868,
77. Sikkim, 9-12000 p.s.m. (Hooker fil. s.n.
Ataxia 2)"

Asia

Hierochloa hookeri (Griseb.) Clarke in Hook.f. Fl.
Brit. Ind. 7: 223. 1896.

Based on *Ataxia hookeri* Griseb.

See *H. hookeri* Maxim. Bull. Acad. Sci. St. Petersb.
32: 627. 1888, same basis.

§ *Ataxia*

India

Hierochloa horsfieldii (Kunth) Maxim. Bull. Acad.
Sci. St. Petersb. 32: 627. 1888.

Based on *Ataxia horsfieldii* Kunth.

Java

[Type species of *Ataxia*]

Hierochloa intermedia (Hack.) S. Kawano, Journ. Jap.
Bot. 34: 13. 1959.

Based on *H. alpina* var. *intermedia* Hack. 1899.
(*H. pluriflora* var. *intermedia* (Hack.) Ohwi 1941)
(*H. alpina* var. *longiligulata* S. Kawano, 1957)

Hokkaido: Prov. Iburi....S. Kawano, May 27, 1956;
May 27, 1957). Prov. Ishikari....Kawano,
June 29, 1958.

Hierochloa jacutica Drobov ex Komoz. Fl. U.R.S.S.
2: 62. 1934, as syn. of *H. glabra* Trin.

Dauria, Asiatic U.S.S.R.

Hierochloa japonica Maxim. Bull. Acad. Sci. St. Petersb.
32: 626. 1888.

§ *Ataxia* Benth. in Benth. & Hook. Gen. Fl. 3: 1139."

"Nippon: prov. Senano alpe Haku-san....(Yatabe,
1831)."

sub nom. japonica Haru gaya

Japan

Hierochloa juncifolia (Hack.) Parodi, Not. Mus.
La Plata 3: 27. 1938.

Based on *H. utriculata* var. *juncifolia* Hack.

Valle de Ávilas, (Stueckert no. 17997)

Chubut, Patagonia

Hierochloa khasiana Clarke in Hook.f. Fl. Brit. Ind.
7: 223. 1896.

"Clarke mss." cited.

"Khasia Hills,....Clarke."

Hierochloa latifolia (L.) Kunth. Rev. Gram. 1: 21.
1829.

Based on "*Holcus latifolius* Linn."

India, Osbeck

= *Centotheca lappacea* (L.) Desv.

Hierochloa laxa R. Br. ex Wall. Cat. n. 3796. 1831.
List.
without description; R. Br. ex Hook.f. Fl. Brit. Ind.
7: 222. 1896.

"Duthie Grass. N. W. Ind. 25" cited.

Himalaya region.

Hierochloë longifolia Reeder, Journ. Arn. Arb. 31: 325.
f. 2. 1950.

"Netherlands New Guinea: Lake Habbema, alt. 3225 m.,
Brass 9461 (A; YU, type).

[Arn. Arb. and Yale Univ.]

"Brass 9049 at A and YU are *Hierochloë redolens*.
Brass 9461 at U. S. is also *H. redolens*"

New Guinea

Hierochloë macrophylla Thurb. ex Boland. Calif. Agr.

Soc. Trans. 1864-65: 132. 1866. seminudum; S. Wats.
Bot. Cal. 2: 265. 1880.

"Redwoods of the Coast Range, especially in Marin
County." California Bolander

= *H. occidentalis*

Watson cites "Redwoods of the Coast Range
Bolander n. 2279"

Man. U. S.

Hierochloë magellanica Hook. f. Fl. Antarct. 2: 375.

1847. no description.

"*Torresia Magellanica* Beauv. p. 63" nom. nud. cited;
also "Roem. & Schult. 2: 516." no reference to
Melica magellanica Desrous. ex Lam. p. 72 [which =
Hierochloë antarctica (La Bill.) R. Br., that name
cited from New Zealand!]

Roem. & Schult., Syst. Veg. 2: 516. 1817, accept
"*Torresia magellanica* Beauv." and copy the descrip-
tion of "*Hierochloë antarctica* R. Brown nov. Holl.
1 p. 209."

[*Melica magellanica* Desrous. in Lam. Enayol. Meth.
4: 72. 1798. "du détroit de Magellan, d'où a
été rapportée par Commerson. (v.s. in Herb. D. de
Jussieu)]
Referred by Parodi (p. 190) to *H. redolens* (typica)
as syn.

Hierochloë mexicana Benth. ex Beal, Grasses N. Amer.

2: 187. 1896, as syn. of *Savastana mexicana* [Rupr.]
Beal. see *H. mexicana* Hitchc. for valid publica-
tion.

Bentham (Journ. Linn. Soc. Bot. 19: 77. 1881) says
"*Ataxia* Br. ... forms a section of *Hierochloë*" and
adds "*A. mexicana* seems to connect the two sections.
Bentham does not transfer *A. mexicana*."

"Mexico, Pringle 4700"

= *Ataxia*

Hierochloë mexicana (Rupr.) Hitchc. Contr. U. S. Nat.

Herb. 24: 614. 1930.

Based on *Ataxia mexicana* Rupr. ex Fourn.

[Bentham erroneously cited as author of *H. mexicana*
by Beal. (Grasses N. Amer. 2: 187. 1896) as
synonym of *Savastana mexicana* Beal. Bentham does
not make the combination.

Pringle 4700. Mexico.

§ *Ataxia*

Hierochloë monstrosa (Koidz.) Honda, Bot. Mag.

Tokyo 40: 319. 1926.

Hierochloë alpina var. ? *monstruosus* Koidz. Bot.
Mag. Tokyo 32: 63. 1918.

Hokkaidō. -- (Koidzumi, 1917)

"Yezo: Mt. Kamumetokumupuri"

Japan

Hierochloë monticola Mez, Repert. Nov. Sp. Fedde

17: 291. 1921.

"Australien, Neu-Süd-Wales, Mt. Kosciuszko (Maiden)."

Hierochloë nashii (Bicknell) Kaczmarek Amer. Mid. Nat.

3: 198. 1914.

"*Savastana nashii* Bicknell"

= *H. odorata* (L.) Beauv.

Man. U. S.

Hierochloë novae-Zelandiae Gandog. Bull. Soc. Bot.

France 66: 300. 1920.

"Hab.: Nova Zelandia, ad Dunedin (Thomson!)."

Hierochloë occidentalis Buckl. Proc. Acad. Phila.

1862: 100. 1862.

"Columbia woods. Oregon, Nuttall."

Man. U. S.

Hierochloë odorata (L.) Beauv. Ess. Agrost. 62, 164.

pl. 12. f. 5. 1812.

Based on *Holcus odoratus* L.
Same comb. Wahl. Fl. Ups. 32. 1820.

Europe

Hierochloë odorata var. *annulata* V. Petr. Fl. Iakut.

1: 131, f. 40. 1930.

Hierochloë borealis var. *odorata* Trautv. cited.

"in Jakutia orientali in valle fl. Kolyma."

Siberia. Asia

Hierochloë odorata var. *aristata* Rasp. in Saig. & Rasp.

Ann. Sci. Observ. 2: 85. 1829.

No place cited

Hierochloë odorata var. *aristata* Fiori, Icon. Fl.

Ital. ed. 2. 21, fig. 153! 1921, without descrip-
tion.

(Lam.) Fiori, Nuov. Fl. Anal. 1: 83 1923. (not
Rasp. 1829)

Based on "*Avena odorata* var. *aristata* Lam. & DC.
1805"

Alpi Veneto, Trentino, e bergam.

Italy

Hierochloë odorata var. *biflora* Hartm. Handb. Skand.

Fl. 51. 1820.

"(Lpl. -- Smol. & Jtl.)"

[Lapland - Smoland

Hierochloë odorata var. *dahurica* (Trin.) Ohwi, Journ.

Jap. Bot. 17: 495. 1941.

Based on *H. dahurica* Trin.

Siberia

Hierochloë odorata var. *firma* (Nyl.) Fedtsch. Bull.

Jard. Bot. Pierre le Grand 14 (Suppl. 2): 47.

1915, without description.

"*H. borealis* var. *firma* Nyl." name only, cited.

Hierochloë odorata var. *fragrans* Richter, Fl.

Europ. 1: 31. 1890.

Based on "*Holcus fragrans* W."

Besides reference (over-1890) the Gray cards give
var. *fragrans* (Willd.) Fern. Rhodora 19: 152. 1917
[as *Hierochloë*]. Same basis. The only difference
is Fern. gives "var." instead of "b" before
fragrans.

Hierochloë odorata var. *fragrans* (Willd.) Fern.

Rhodora 19: 152. 1917.

Based on *Holcus fragrans* Willd.

Hierochloë odorata var. *fragrans* f. *eamessii* Fern.

Rhodora 19: 152. 1917.

"Connecticut: ... Fairfield ... E. H. Eames no. 8339;
field bordering salt-meadows ... May 27, 1914.
E. H. Eames no. 8734 (type in Gray Herb.)"

Hierochloë odorata var. *glabra* nov. var. nom. nud. in

Sugawara, Fl. of Saghalien 92. 1937.

Asia

Hierochloë odorata f. *glabra* Krilov, Flora Altaica

7: 1553. 1914. (in Russian)

Altai, Asia

Hierochloë odorata var. *micrantha* (Gruner) Roshev. in

Bordzil. Fl. U.R.S.R. (Fl. Reipub. Sov. Soc. Urain.
vid. (ed.) 2) 2: 115. 1940.

Based on "*H. borealis* var. *micrantha* Gruner,
Enumer. fl. (1869) 173."

"--ad konkam flum, Clivo occid. versus a foro
Grigorjewka"

Rossia australis

Hierochloë odorata var. *microstachya* (Hartm.) Nordst.;

Lindm. Svensk Fanerogamfl. 71. 1918.

Presumably based on *H. borealis* var. *microstachya*
Hartm. -- "Vestergötland" but not cited.

Sweden

Hierochloë odorata var. *mutica* Rasp. in Saig. & Rasp.

Ann. Sci. Observ. 2: 84, 88. f. 1. 1829.

No place nor source cited -- (may be *Avena odorata*
var. *mutica* Lam. & DC.)

Hierochloë odorata var. *mutica* (Lam.) Fiori, Icon. Fl.

Ital. ed. 2. 21, f. 153. 1921, without description.

See 1923, basis cited.

Based on *Avena odorata* var. *mutica* Lam. & DC. Fiori,
Nuov. Fl. Anal. 1: 83. 1923. Not cited, probably
Avena odorata var. *mutica* Lam. & DC.

"Alpi er."

Siberia

Hierochloë odorata subsp. *pubescens* (Krylov) Hara,

ms. in Hara, Bot. Mag. Tokyo 52: 234. 1938.

as synonym of *H. odorata* var. *pubescens* Krylov
p. 233.

Altai, Asia.

Hierochloë odorata var. *pubescens* (Krylov) Hara, Bot.

Mag. Tokyo 52: 234. 1938 in syn.

Hierochloë odorata var. *pubescens* (Krylov) Ohwi, Fl.

Japan 104. 1953.

Based on *Hierochloë odorata* var. *pubescens* Krylov
Fl. Altaica 7: 1553. 1914. in Russian

Hierochloë odorata var. *pubescens* (Krylov) Joura.

Jap. Bot. 34: 14. 1959.

Based on *H. odorata* f. *pubescens* Krylov.

Hierochloë odorata f. *pubescens* Krilov, Flora Altaica

7: 1553. 1914 (In Russian)

Altai, Asia

Hierochloë odorata var. *Sachalinensis* Printz, Norske

Vid. Selsk. Skrift. 11³: 8. pl. 1. 1916.

"collected by Dr. Ludv. Münsterhjelm in Saghalien"

"Found in a moist meadow --- collected 27th May."

Sackalin, east coast of Asia

"all the species were collected near the village of
Sakachoma"

Hierochloë odorata var. *Trautvetteriana* V. Petr. Fl.

Iakut. 1: 130, f. 39. 1930.

Hierochloë borealis var. *daurica* Trautv. ... excl.
synon. ab auct. citat.

"in Jakutia arcto-occidentalis et media, tertia."

Siberia Asia

- Hierochloë odorata* var. *Uechtritzii* Aschers. & Graebn.
Syn. Mitteleur. Fl. 2: 30. 1898.
"bei Breslau: Oderufer bei Karlowitz (Uechtritz!)"
Germany
- Hierochloë orientalis* Fries. & Heuff. in Verh. Zool.-
Bot. Ges. Wien. 8: 224. 1858.
"In agris arenosis legionum Illyricae--et Teutonico-
banaticarum."
[Rumania]
- Hierochloë orthantha* Sorens. Meddel. Grønland.
136 (8): 3. 1954. f. 1, 2.
"Type: South Greenland, Kigatut in Tunugdliarfik.
July 8. 1947, leg. Th. Sørensen (no. 124). (Herb.
Copenhagen)."
["Illustrations: Fl. dan. tab. 1508; Hitchcock,
Man. Gr. U. S. ed. 2. fig. 793. (p. 547);]
- Hierochloë pallida* Hand.-Mazz. Anzeig. Akad. Wiss.
Math. Naturw. Wien 57: 273. 1920.
"Prov. Szechwan: Territ. Lolo...ad vicum Lanba...
legi 26. IV. 1914 (nr. 1766) [Handel-Mazzetti,
Coll.]"
China
- Hierochloë parviflora* Presl, Cyp. et Gram. Sic. 27.
1820.
"Hab. in pratensibus Nebrodum: fossae di S.
Gandolfo."
Sicily
- Hierochloë pauciflora* R. Br. Chlor. Melv. 35. 1823.
[Melville Island]
Arctic America
- Hierochloë pluriflora* Koidz. Tokyo Bot. Mag. 31: 136.
1917.
"Distr. Yezo: prov. Ishikari, in Alpibus
Xubaridake."
Japan
- Hierochloë pluriflora* var. *intermedia* (Hack.) Ohwi,
Fl. Japan 104. 1953.
Hierochloë
Based on *alpina* var. *intermedia* Hack.
Japan
- Hierochloë pusilla* Hackel ex Dusen, Arkiv. för
Botanik 7: 4. t. 1 and 7. 1908.
Dusen
"Rio Fosiles" - East & South Patagonia
- Hierochloë racemosa* Trin. Mém. Acad. St. Pétersb. VI.
Sci. Nat. 3: 79. 1839.
"Nov. Zeml. (de Baer!)"
Arctic
- Hierochloë rariflora* Hook.f. Fl. Antarct. 93. 1844.
"Hab. Australia. King George's Sound, Baxter."
- Hierochloë redolens* Roem. & Schult. Syst. Veg.
2: 514. 1817.
"Based on *Holcus redolens* Vahl."
New Zealand
- Hierochloë redolens* Br. ex Hook.f. Fl. Antarctica 1: 91.
1844. Not (Vahl) R. & S. 1817.
"H. redolens, Brown, Prodr. p. 209 (in observat.)"
but Brown does not make the combination.
"Kunth Agrost. p. 37 (in part.)" Kunth's reference
is to *H. redolens* (Vahl) R. & S. "excl. syn. Forst."
"Holcus redolens Sol. Mss. et Forst. Prodr. no. 563
non Vahl" nom. nud.
Australia
- Hierochloë redolens* var. *fraseri* Benth. Fl. Austral.
7: 559. 1878.
Based on "H. fraseri Hook."
Tasmania
- Hierochloë redolens* var. *magellanica* (Hook.f.)
Macklosh. ex Scott, Rep. Princeton Univ. Exp.
Patagon. 8: 167. 1904.
Based on *H. magellanica* Hook.f.
Magellan
See *H. magellanica* card.
- Hierochloë redolens* var. *major* Speg. in Anal. Mus.
Nac. Buen. Air. 5: 81. 1896.
"Hab. Parcissime ad oram maritimam inter caespites
Poa caespitosae (Forst.) Hook. f. Blossom Bay."
[Plantae per Fuegiam a Carolo Spegazzini anno 1882
collectae]
Patagonia
- Hierochloë redolens* var. *micrantha* Parodi, Rev. Mus.
La Plata Bot. n. ser. 3: 195. f. 2, 3. 1941.
"Argentina: Rio Negro, Bariloche, a orilla del rio
Nirihuau, leg. L. R. Parodi no. 11555, 2-II-1934
(tipo varietal), "habita en suelos húmedos, cerca
del cerro Leones a 780 m s. m."
South America
- Hierochloë redolens* var. ? *submutica* (F. Muell.)
F. Muell. in Benth. Fl. Austral. 7: 558. 1878.
Based on "H. submutica F. Muell."
Australia
- Hierochloë redolens* var. *typica* Parodi, Rev. Mus. La
Plata Bot. n. ser. 3: 193. 1941.
"Corresponde a la descripción dada más arriba
conjuntamente con los ejemplares citados."
[*Hierochloë redolens*]
Tierra del Fuego. Prof. Fabricius
- Hierochloë repens* Beauv. Ess. Agrost. 62, 164. 1812.
as new Simonk. Enum. Fl. Transs. 560. 1886, same
basis.
Based on *Holcus repens* [Host] Pers.
- Hierochloë setifolia* Hartm. Handb. Skand. Fl. ed. 5.
308. 1849.
"Vestmanland i Kärrobo sn. på berg vid Mälaren funnen
af Herr A. E. Lühr, som dock sedan 1846 icke kunnat
återsinna vexten."
Sweden
- Hierochloë sikkimensis* Maxim. Bull. Acad. Sci. St.
Petersb. 32: 626. 1888.
"Sikkim" (*Ataxia* l. Hook.f. et Thomson)
"H. Horsfieldii (*Ataxia* Horsfieldii Kth. Agrost.
syn. 39, Bern. Fl. Jav. rar. I, 8, tab. 3)"
Asia
- Hierochloë spicata* Parodi, Rev. Mus. La Plata Bot.
n. ser. 3: 196. f. 4. 1941.
"Chile: Magallanes, leg. Philippi (Typus speciei in
Herb. L. R. Parodi no. 13646)."
South America
- Hierochloë stepporum* F. Smirn. Bul. Moscou Soc. Invest.
Nat. N. Div. Biol. LXIII no. 5: 81. 1958.
Description in Latin. "Syn. *H. odoratus* auct. Fl.
Ross. europ. p.p.; *H. orientalis* Czern. non Fries
et Heuffel. Io. Fl. Ross. Austro-Orientalis, Paso.
11(1928) 96. f. 64."
Area geographica. *Rossia meridionalis* et media
stepposa ab limitibus occidentalibus usque ad
Kassachstaniam occidentalem et in Caucaso septen-
trionali.
Hab. in steppis pratorum et stipacis, locis diver-
sis sed siccis, nunquam humidis vel turfosis; solo
argilloso usque arenoso, rarior in semidesertis
septentrionalibus, locis plerumque minus siccis: in
depressionibus, declivibus septentrionalibus, ad
margines agrorum et in pratis.
over
- Hierochloë submutica* F. Muell. Trans. & Proc. Vict.
Inst. (Melbourne) 1854/1855: 48. 1855.
"On the summits of the Cobboras mountains."
[No collector cited]
Australia
- Hierochloë tenuis* Dur. & Schinz, Consp. Fl. Afr.
5: 798. 1894.
Based on *Ataxia tenuis* Trin.
South Africa
§ *Ataxia*
- Hierochloë teretifolia* Steud. in Lechl. Berb. Am.
Austr. 52. 1857, name only.
Lechler 1315. Chile
- Hierochloë tibetica* Bor, Kew Bull. 1953: 271. 1953.
"Tibet: Kongbo Province, Pero La, 5000 m., 19 Jul.
1935, Ludlow, Sherriff and Taylor 5188.---(typus
in Herb. B. M.)"
Asia
- Hierochloë tongo* Nees, Fl. Afr. Austr. 1: 7. 1841.
"In depressioribus graminosis humidisque montium
Cederberge ad Divarivier alt. IV. (Clanwilliam),
Drège."
South Africa
§ *Ataxia*
- Hierochloë tongo* var. *minor* Nees Fl. Afr. Austr.
1: 8. 1841.
"In subumbrosis montis Paarlberg alt. III. (Drège)."
§ *Ataxia*
South Africa
- Hierochloë tongo* var. *simplex* Nees Fl. Afr. Austr.
1: 8. 1841.
"In umbrosis saxosis ad Pieterwetsbosch, alt. IV.
(Drège)."
§ *Ataxia*
- Hierochloë Trautvetteriana* V. Petr. Fl. Iakut. 1: 130.
1930, as syn. *Hierochloë odorata* var. *Trautvetteri-*
ana V. Petr.
Fig. is labeled: *Hierochloë trautvetteriana*, but in
text is given as synonym.

Hierochloa utriculata Kunth, Rev. Gram. 1: 21. 1829.

Based on "*Torresia utriculata* Ruiz. et Pav."

Chile

Hierochloa utriculata var. *juncifolia* Haak. in Stuekert

Anal. Mus. Nac. Buenos Aires 21: 64. 1911.

"Stuekert" no. 17,997----valle de Ávilas, Chubut, Patagonia

Hierochloa utriculata var. *minor* Desv. Fl. Chile 258.

1853.

"Oogida por Poeppig y Philippi,--panoja contractada--

Chile

Hierochloa vinealis Schur, Oestr. Bot. Zeitschr.

9: 12. 1859.

"Auf grasigen Hügeln Z. B. bei Klausenburg auf der Heuwiesen am Rande der Weingärten, auf Wiesenabhängungen in der Mezőség..."

Austria Hungary

Hilaria Belangeri (Stoud.) Nash, N. Amer. Fl.

17: 135. 1912.

"*Antherophora Belangeri* Steud."

"Mexico, Belanger 1428." Man. U. S.

"Belanger evidently an error for Berlandier, since Berlandier 1428, collected between Laredo and Bejar [Bexar], now Texas, agrees with the description" Man. U. S. Type collection "1428", without name of collector, examined in the Delessert Herb. Geneva.

Hilaria belangeri var. *longifolia* (Vasey) Hitchc. Proc.

Biol. Soc. Washington 41: 162. 1928.

Based on *Hilaria cenchroides* var. *longifolia* Vasey

"Islands of Guaymas harbor, Mexico, Palmer 347 in 1887."

Man. U. S.

Hilaria cenchroides H.B.K. Nov. Gen. & Sp. 1: 117.

t. 32. 1815.

"Crescit in planitie montana reghii Mexicana, inter Zelaya et Guanajuato." Humb. & Bonpl.

Hilaria cenchroides var. *ciliatus* Scribn. Proc. Acad.

Nat. Sci. Phila. 1891: 293, pl. 13. 1891.

Mexico

"near Guadalajara May 17." C. G. Fringle 1890."

Hilaria cenchroides var. *longifolia* Vasey, Proc. Amer.

Acad. 24: 80. 1889. (Jan.) nom. nud. Beal, Grasses N. Amer. 2: 69. 1896.

[In Man. Gr. U. S. ed. 1. p. 466. ("H. longifolia Vasey) given as syn. of H. Belangeri var. longifolia (Vasey) Hitchc. error for H. cenchroides var. longifolia Vasey ex Beal above.]

Islands in Guaymas harbor, Mex., 347 Dr. E. Palmer, 1887.

= H. belangeri var. longifolia (Vasey) Hitchc.

Man. U. S.

Hilaria cenchroides var. *texana* Vasey, Contr. U. S.

Nat. Herb. 1: 53. 1890. Ill. N. Amer. Grasses 1: 50. 1890.

G. C. Nealley [600] 1889.

Pena, Duval Co., Tex.

= *Hilaria belangeri*

Man. U. S.

Hilaria ciliata (Scribn.) Nash, N. Amer. Fl. 17: 136.

1912.

"*Hilaria cenchroides ciliata* Scribn."

Mex. Jalisco, 3128 Fringle

Hilaria ciliata (Scribn.) Sohm, Journ. Washington Acad.

Sci. 46: 317. f. 18, 19, 20. 1956.

Based on *Hilaria cenchroides* var. *ciliata* Scribn. [figures 18, 19, 20 drawn from Fringle 3128] [Type C. G. Fringle 1890]

Mexico

Hilaria hintoni Sohm, Journ. Washington Acad. Sci.

46: 319. f. 30-34. 1956.

"Type: Temascaltepec, Mexico; Luvianos, llano, 9/8/1933; Hinton 4502 (U.S.N.H. no. 1840874).

Central Mexico

Hilaria Jamesii (Torr.) Benth. Journ. Linn. Soc. Bot.

19: 62. 1881.

Based on *Fleuraphis Jamesii* Torr.

"Sources of the Canadian River [Texas or New Mexico] James."

Man. U. S.

Hilaria mutica (Buckl.) Benth. Journ. Linn. Soc.

19: 62. 1881.

Based on *Fleuraphis mutica* Buckl.

Northern Texas [Wright 760-2108]

Man. U. S.

Hilaria rigida (Thurb.) Benth. ex Scribn. Bull. Torrey

Club 9: 86. 1882.

Based on *Fleuraphis rigida* Thurb.

California, Fort Mojave and Providence Mts., Cooper [2230, type].

Man. U. S.

Hilaria semplei Sohm, Journ. Washington Acad. Sci.

46: 319. f. 36-50. 1956.

"Type:---Llanos de Antunes, about 12 miles east of Apatzingan, Michoacán, alt. 1,000 ft.; Nov. 1955, A.T. Semple (U.S.N.H. no. 2183565)---Between Nueva Italia and Apatzingan, alt. 430 m., dominant grass; Nov. 14, 1955; Moore, Hernandez X. and Forras H. 5753

Mexico

Hilaria sericea Benth. Journ. Linn. Soc. 19: 62. 1881;

based on name only.

Based on "*Fleuraphis sericea* Nutt" ex Benth. nom. nud.

"[Harris Fork of the Colorado, Nuttall]"

Man. U. S.

Hilaria swolleni Cory, Wrightia 1: 215. 1948.

Musquiz Canyon, Texas, July 28, 1938.

Sperry T778 Type

Man. U. S.

Hilaria texana (Vasey) Nash, in Small, Fl. Southeast

U. S. 68. 1903.

Based on *Hilaria cenchroides* var. *texana* Vas.

Pena, Duval Co. Texas, Nealley [600].

Man. U. S.

Hippagrostis burmannii (Retz.) Kuntze, Rev. Gen.

777. 1891.

Based on "*Panicum [burmannii] Retz.*"

= *Oplismenus burmannii* (Retz.) Beauv.

East Indies

Hippagrostis composita (L.) Kuntze, Rev. Gen. 777.

1891.

Based on "*Panicum [compositum] L.*"

= *Oplismenus compositus* (L.) Beauv.

"In Zeylona"

= Ceylon

Hippagrostis hirtella (L.) Kuntze, Rev. Gen. Fl. 777.

1891.

Based on *Panicum hirtellum* L.

= *Oplismenus hirtellus* (L.) Beauv.

Jamaica

Hippagrostis loliacea (Lam.) Kuntze, Rev. Gen. 777.

1891.

Based on "*Oplismenus Beauv.*"; this presumably based on *Panicum loliaceum* Lam.

Hippagrostis setaria (Lam.) Kuntze, Rev. Gen. Fl.

777. 1891.

Based on "*Panicum setarium* Lam."

South America, Commerson

= *Oplismenus setarius* (Lam.) Roem. & Schult.

Man. U.S.

Hippagrostis undulatifolia (Ard.) Kuntze, Rev. Gen.

777. 1891.

= *Oplismenus undulatifolius* R. & S. cited as basis, this presumably based on *Panicum undulatifolia* Ard. [cult. Italy]

Hitecochella Baroni A. Camus, Compt. Rend. Acad.

Sci. (Paris) 181: 253. 1925.

"Madagascar septentr.: Barom. no. 6108 in Herbier Mus. Paris."

Holboellia ornithocephala Hook. Bot. Misc. 2: 144.

t. 76. 1831.

"Hab. In India orientali; apud montes Madurac. Koenig - Wight."

= *Lopholepis ornithocephala* (Hook.) Steud.

Holcolemma canaliculatum (Nees) Stapf & Hubb. Kew

Bull. Misc. Inf. 1929: 246. 1929.

Panicum canaliculatum Nees ex Steud.

Ind. Or.

Holcolemma transiens (Sohm.) Stapf & Hubb. Kew Bull.

Misc. Inf. 1929: 246, with fig. 1929.

Based on *Setaria transiens* Sohm.

"Massaihochland--Fischer 1: 92."

Africa

Holcus acicularis Rasp. "Annales d'obs 4, 10" Pritzl,

Icones Ind. 1: 555. 1866. Ind. Kew 18: 1168. 1893

[plates not in L.C. copy of Annales de Science Nat. 4, 1825 [t.p. date 1824] not in text. Expl. Pl. 10 in Ann. Sci. Nat. lists only "ovipares plate 10, with expl. has only 6 figures, no Holcus among them. / This in Rasp. Mem. des Gram. 1825 Paris mostly reprints from Ann. Sci. Nat. Paris, but Ann. Sci. Nat. 1825 L.C. without plates and fewer pages]

[possibly, Mem. des Gram. p. 423-45 was rewritten and expanded for Mem. des Gram. 1825]

Holcus aciculatus Griffith, Icon. Fl. Asiat. pl. 141.

1851.

[India]

Holcus aestivalis Jord. & Fourr. Brev. Fl. Nov. Pasc.

2: 128. 1868.

"Hab. in pascuis et ad vias Galliae orientalis; Quincieux (Rhône), etc. prope Lugdunum."

[France]

Holcus albus Steud. Nom. Bot. 411. 1821, nom. nud.

"*Holcus* Lin.
**Sorghum* Pers. Beauv.
**albus* (Martius)"
Sorghum

Holcus alpinus Swartz ex Willd. Sp. Pl. 4: 937. 1806.

"Habitat in alpinis Lapponiae. 4 (v.s.)"
= *Hierochloë alpinus* Man. U. S.
Lapland

Holcus annuus Salzm. ex C. A. Meyer, Verz. Pfl. Cauc. 17. 1831.

"In insula Sara." [Russia]

Holcus annuus var. *glabrescens* Eig, Zionist Org. Inst. Agr. Nat. Hist. Bull. 6: 64. 1927.

"Dunes at Acoo, Spring 1926."
[Palestine]

Holcus arotius Sommerfelt, Magazin for Naturvidenskaberne ser. II 1: 236. 1833.

[Suppl. Florae lapponicae]
[or Mag. Nat. II 1: 236. 1833.]
Lapland

Holcus arduini Gmel. Syst. Nat. 2: 174. 1791.

"Arduin sagg. di Padov. 1. p. 133. t. 4. f. 4." cited.
Sorghum bicolor (L.) Moench-fide Snowden p. 106.
India

Holcus arenarius All. Auct. Fl. Pedem. 46. 1789.

"Loc. In arena ad maris Nicaeensis litus."
France

Holcus argenteus Agardh ex Roem. & Schult. Syst. Veg. 2: 656. 1817.

Hab. "In Hispania"

Holcus asper Thunb. Prodr. Fl. Cap. 20: 1794.

Hab. Bonae Spei Africes....collegit Carol. Pet. Thunberg.
= *Pentastichis aspera* (Thunb.) Stapf

Holcus atropurpureus (Wahl.) Wahl. Svensk Bot. pl. 687. 1826-29.

Based on "*Aira atropurpureus* Wahl."
= *Deschampsia atropurpurea* Man. U. S.
Lapland

Holcus australis Schrad. Fl. Germ. 1: 253. 1806.

"*Holcus odoratus* Schkuhr. Handb. 3. p. 52. (excl. syn. Flor. Suec.)"
= *Hierochloë australis* (Schrad.) Roem. & Schult.
Germany

Holcus avenaceus Scop. Fl. Carn. ed. 2. 2: 276. 1772.

Cites: "*Avena*....L. Syst. Nat. p. 99."
"Habitat in Austriaco Littorali."
= *Arrhenatherum elatius* Man. U. S.

Holcus avenaceus Wiggers, Fl. Holst. 72. 1780. Not Scop. 1772.

Germany

synonyms cited by Smith Fl. Brit. 1: 90. 1800. = *Arrhenatherum elatius*

Holcus avenaceus Thunb. Prodr. Fl. Cap. 20. 1794.

Not Scop. 1772.

Hab. Bonae Spei Africes....collegit Carol. Pet. Thunberg.

referred to *Danthonia curvifolia* Nees by Nees
Cape Good Hope Africa

Holcus avenaceus var. *bulbosa* (Schrad.) Oudin, Agrost. Helv. 1: 136. 1811.

Based on "*Holcus bulbosus* Schrad."
= *Arrhenatherum elatius* var. *bulbosum*
Man. U. S.
Switzerland

Holcus avenaceus var. *muticus* Sincl. Hort. Gram. Wob. 52, with specimen. 1816.

Native of Scotland
Arrhenatherum

Holcus avenaceus var. *nodosus* Visiani, Fl. Dalm. 1: 47. 1842.

...."in pratis agri Petrovopalje dicti prope Dornis, circa Castell' Andreis prope Sebenico et in agro Spalatensi."

Arrhenatherum elatius
Austria Hungary


Holcus avenaceus var. *palustris* Gaudin, Agrost. Helv. 1: 137. 1811.

"Basileae et Tiguri in udis."
Arrhenatherum elatius
[Switzerland]

Holcus biaristatus [Web. in] Wigg. Prim. Fl. Hols. 72. 1780.

The following description:
"776. *Holcus biaristatus* calycibus subtrifloris, flosculis pedicellatis apice biaristatis. *Avena dubia* paniculata, calycibus subtrifloris, flosculo infimo terminali, arista recta, reliquis apice biaristatis, dorsali arista reflexa. Leers Flor. Herbon. p. 41, Tab. 9. f. 3. *Avena paniculata* calycibus subtrifloris, flosculis superioribus apice biaristatis, dorso arista reflexa, pedicellis superne incrassatis. Münch Plant. Hass. p. 49, Tab. 2."

Holcus bicolor L. Mant. Fl. 2: 301. 1771.

"Habitat in Persia, D. Lerche." 
Sorghum bicolor fide Snowden

Holcus Blanichii Sennen, Bull. Soc. Bot. France 74: 407. 1927; 73: 677. 1927 (Jan.) nom. nud.

Only says: "assez répandus; ...par les haies du val de l'Estahuja."

Cerdagne "Haies du val de l'Estahuja et aux Escaldes (Nos. 3608-4069 Sennen)"
Spain

Holcus borealis Schrad. Fl. Germ. 1: 252. 1806.

"*Holcus odoratus* (repens). Schkuhr. Handb. 3. p. 522. (excl. Roth. Jacq. et Host. Syn.)"
= *Hierochloa odorata*
Germany

Holcus bulbosa Schrad. Fl. Germ. 1: 248. 1806.

"*Avena bulbosa*. Willd. in Nov. Act. Soc. Amic. H. N. Berol. 2. p. 116."
= *Arrhenatherum elatius* var. *bulbosum*
Man. U. S.

Switzerland

Holcus caeruleus Gaudich. in Freys. Voy. Bot. 411. pl. 27. 1830.

"Habitat in Novae-Hollandiae ora orientali (Port-Jackson)."
= *Andropogon*
Australia

Holcus caespitosus Boiss. Elench. 86. 1838.

"Hab. in glareosis altissimis in Sierra Nevada."
type species of *Homoiachna* --H. *caespitosus* (Boiss.) Pilger.
Spain

Holcus cafer Ard. Saggi Acad. Padov. 1: 119. 1786.

"Cafreria,.....Provincia dell' Africa."
(Acc. to Soudder, no. 1964, Saggi = Report)
Africa
Sorghum

Holcus cafferum Thunb. Prodr. Fl. Cap. 20. 1794.

"Hab. Bonae Spei Africes....collegit Carol. Pet. Thunberg."
Sorghum
Cape Good Hope Africa

Holcus capillaris Thunb. Prodr. Fl. Cap. 20. 1794.

Hab. Bonae Spei Africes....collegit Carol. Pet. Thunberg.
= *Afrachneria capillaris* (Thunb.)
Cape Good Hope Africa

Holcus cernuus Ard. Saggi Acad. Padov. 1: 128. 1786; Willd. Sp. Pl. 4: 930. 1806.

"Habitat----- (v.v.)"
Sorghum
(Acc. to Soudder, no. 1964, Saggi = Report)

Holcus cernuus Muhl. Descr. Gram. 276. 1817.

"Habitat cultu in hortis"....
= *Sorghum vulgare* Man. U. S.
U. S.

Holcus ciliatus Roxb. Hort. Beng. 82. 1814, nom. nud.; Fl. Ind. ed. Carey 1: 321. 1820.

"A native of Coromandel."
India

Holcus compactus Lam. Encycl. 3: 140. 1789.

"Cette plante croît (ou est cultivée) dans l'Arabie, sur la côte de Barbarie & est cultivée au Jardin du Roi."
Arabia, Africa
Sorghum

Holcus condensatus (H.B.K.) Kuntze ex Haek. in Stuek. Anal. Mus. Nao. Buenos Aires. 11: 48. 1904.

Presumably based on *Andropogon condensatus* H.B.K.
 = " " "
Novogranatensis [Colombia S. Amer.]

Holcus contortus (L.) Kuntze ex Haek. in Stuek. Anal. Mus. Nao. Buenos Aires 11: 48. 1904.

Based on *Andropogon contortus* L.
 = *Heteropogon contortus* Man. U. S.
 India

Holcus contortus var. *secundus* Haek. in Stuek. Anal. Mus. Nao. Buenos Aires 11: 48. 1904.
 [Hackel's name after *secundus* but no basis given]

Presumably based on *Andropogon contortus secundus* (Willd.) Haek., which is based on *A. secundus* Willd. ex Nees, Agrost. Bras. 364. [Publ. by Griseb. in 1864]
 Antigua. Wulfschlaegel

Holcus cubanicus Gleditsch ex Schult. Mant. 2: 462. 1824, without descr.
 only a query "Quid H. cubanicus Gleditsch."
 Cuba?

Holcus cylindricus Brouss. Elench. Fl. Hort. Monsp. 30. 1804 nomen; ex Roem. & Schult. Syst. Veg. 2. 657. 1817, without descr.
 queried by Roem. & Schult.
 France

Holcus decolorans H. & B. ex Willd. Sp. Pl. 4: 931. 1806.
 "Habitat in America meridionali. (v.s.)"
 = *Sorghum*

Hordeum delphicum Gandog. Oesterr. Bot. Zeitschr. 31: 46. 1881.
 Graecia, in monte Delpho Eubaeae. (Th. de Heldreich)

Holcus densus Peterm. Flora 27: 233. 1844.
 Leipzig, Germany

Holcus mollis var. *densus* (Peterm.) Aschers & Graeb.

Hordeum depilatum Gandog. Oesterr. Bot. Zeitschr. 31: 46. 1881.
 Suecia, in Scania (Dr. C. Reuterma)

Hordeum dilatatum Gandog. Oesterr. Bot. Zeitschr. 31: 47. 1881.

Italia orientalis, ad Persolino prope Faenza. (L. Caldesi)

Holcus distachyos Cat. Hort. Dorpat. 1814; [ex Roem. & Schult. Syst. Veg. 2: 657. 1817, without description] nom. nud.
 Europe

Holcus dochna Forsk. Fl. Aegypt. Arab. 174. 1775.
 [Aegyptiaco--Arabica]
 = *Sorghum*

Holcus dora Mieg, Bot. Helv. 8: 125. pl. 4. f. 3. 1777.

[Syria]

= *Sorghum cernuum* Host fide Snowden

Holcus durieu Steud. Syn. Fl. Glum. 1: 15. 1854.

Type loc. "Asturia."

Holcus durra Omel. Syst. 173.

Error in Kew. Ind.

Holcus durra Forsk. Fl. Aegypt. Arab. 174. 1775.

[Aegyptiaco-Arabica]

= *Sorghum durra* fide Snowden

Holcus durra var. *Aegyptiacus* (Koern.) Farwell, Mich. Acad. Sci. Rep. 20: 163. 1918.

Based on *Andropogon sorghum* var. *Aegyptiacus* Koern.
Sorghum Egypt

Holcus elongatus R. Br. Prodr. Fl. Nov. Holl. 200. 1810.

"(T.) Littora Novae Hollandiae intra tropicum."
 Basis of *Chrysopogon elongatus* (R. Br.) Benth.
 = *Rhaphis elongatus* (R. Br.) Chase
 Australia

Holcus exiguus Forsk. Fl. Aegypt. Arab. 174. 1775.

"Ad ripam Nili." Egypt
 Not in Snowden
Sorghum

Holcus Fauriei Honda, Bot. Mag. Tokyo 40: 102. 1926.

"Taiwan: Tamsui (U. Faurie, no. 156, anno 1914)."
 Formosa

Holcus ferrugineus Schrad. ex Cat. Hort. Dorpat. 1814;
 [ex Roem. & Schult. Syst. 2: 657. 1817, without description]
Sorghum

Holcus fragrans Willd. Sp. Pl. 4: 936. 1806.

"Habitat in pratis humidis a sinu Hudsonis ad Canadum 4. (v.s.)"
 = *Hierochloa odorata* Man. U. S.
 Canada

Holcus fulvus R. Br. Prodr. Fl. Nov. Holl. 199. 1810.

"(T.) Littora Novae Hollandiae intra tropicum."
Sorghum fulvum Beauv. ex Rendle in Forbes & Hemsl. Ind. Sin. 3: 367. 1904. [Beauv. Ess. Agrost. pp. 131, 178] lists S. "flavum" presumably error for *fulvum*, *Holcus fulvus* R. Br. being referred to *Sorghum*.
 Australia

Holcus fulvus var. *nitidus* (Vahl) Honda, Bot. Mag. Tokyo 40: 101. 1926.

Based on *Holcus nitidus* Vahl.
Sorghum Ind. Or.

Holcus fulvus var. *piliferus* Honda, Bot. Mag. Tokyo 40: 102. 1926.

"Taiwan: Skikakuto (B. Hayata, anno 1919)."
Sorghum Formosa

Holcus gayanus Boiss. Voy. Bot. Esp. 2: 637. pl. 173 B. 1839-45.

"H. tenuis Gay in Sched. Durieu pl. exs. non Sprengel."

"Hab. in rupestribus montium Asturias loco la Peña de Santa-Anna dicto ubi anno 1833 speciem detexit cl. Durieu, in montibus inter Castellam Novam veteremque observavit etiam amicissimus Reuter."

[*Holcus tenuis* Gay is nom. nud.; in Laeaida 1929, not Trin. in Spreng. 1821]

= ? name untenable
 Northern Spain

Holcus gayanus var. *bicristatus* Faunero, Anal. Bot. Cavanilles 13: 156. 1955.

Sierra del Teleno (León) (Bernis, MA, num. 7257); San Esteban del Valle (Ávila) (Cogulludo, MA, num 7263).
 Spain

Holcus glaucus Willk. in Willk. & Lange, Prodr. Fl. Hisp. 1: 307. 1861.

"In nemorosis pr. Gramatam (?) hanc speciem legit cl. Staudingeri collector aestate 1860."
 Spain

Holcus grandiflorus Boiss. & Reut. Pugill. 119. 1852.

"Hab. inter frutices regionis mediae montium supra Algesiras. (Jun. 1849, Boiss. et Reut.)"
 Spain. Algesiras

Holcus grumosus Senn. ex Senn. & Maurio. Cat. Fl. Rif Or. 128. 1933, as syn. of *H. lanatus* var. *tuberosus* Senn. & Maurio.
 North Africa?

Holcus gryllus (L.) R. Br. Prodr. Fl. Nov. Holl. 199. 1810.

Based on *Andropogon gryllus* L.
 = *Chrysopogon gryllus*
 Europe

Holcus halepensis L. Sp. Pl. 1047. 1753.

"In Syria, Mauritania."
 = *Sorghum halepense* Man. U. S.

Holcus halepensis *miliformis* (Schult.) Hitchc. Proo. Biol. Soc. Washington 29: 128. 1916.

Based on *Andropogon miliformis* Schult.
 = *Sorghum halepensis*
 Lucknow. Brit. India

Holcus halepensis var. *muticus* (Haek.) Honda, Bot. Mag. Tokyo 40: 99. 1926.

Based on *Andropogon sorghum* ssp. *halepensis* var. *halepensis* subv. *muticus* Haek.
 = *Sorghum halepense*
 India

Holcus halepensis *propinquus* (Kunth) Hitchc. Proo. Biol. Soc. Washington 29: 128. 1916.

Based on *Andropogon propinquus* Kunth
 = *Sorghum propinquum* (Kunth) Hitchc.

X Holcus hybridus K. Wein, Repert. Sp. Nov. Fedde 13: 36. 1913.

Holcus lanatus X *mollis*
Europe

Holcus hybridus f. *superlanatus* Wein, Repert. Sp. Nov. Fedde 12: 36. 1913.

"Flora des Harzes: Am Forsthaus 'Wilde Stall' mit den Eltern."
Harz Mts., Germany

Holcus hybridus f. *super-mollis* Wein, Repert. Sp. Nov. Fedde 12: 37. 1913.

"Flora des Harzes: An der Kohlenstrasse zwischen Horla und Mohrungen unter den Eltern."
Germany

Holcus intermedius Krock. Fl. Siles. Suppl. 1: 137.

Given Suppl. Fl. Siles. 4: 1823 by Dept. Agr. Libr. and Fritzel
Germany

Holcus lanatus L. Sp. Pl. 1048. 1753.

"In Europae pasouis arenosis."

Man. U. S.

Holcus lanatus var. *albovirens* Reichb. ex Junge, Jahrb. Hamb. Wiss. Anst. 22. Beih. 3: 63. 1905, without desor. No basis nor description given.

H. = Hamburg: Wiesen am Farmsener Moor!! Übergangsformen z. B. H.: Eppendorfer Moor!! und auch sonst Mehrfach.

Holcus lanatus subv. *altissimus* Coss. & Dur. Expl. Sci. Alger. 2: 99. 1854 (1855).*

"Hab. In paludibus sylvaticis prope La Calle!"

*Stearn says sheets 1-15 (i.e. pp. 1-120) were printed between Oct. 1854 and Apr. 1855.

Algeria

Holcus lanatus var. *argenteus* Hartm. Handb. Skand. Fl. ed. 5. 298. 1849.

Scandinavia

Holcus lanatus var. *argenteus* Lange, Naturhist. For. Kjöbenhavn Vid. Medd. II. 1: 39. 1860, without desor.

"Prope Ronquillo Boetioae (hb. Schousb.)!"

Europe

Holcus lanatus var. *argenteus* (Agardh) Haack. Cat. Gram. Portug. 21. 1880. Not Hartm. 1849.

Based on *H. argenteus* Agardh.

Spain

Holcus lanatus var. *bicristatus* P. Jansen & Wachter, Nederl. Kruidk. Archief. 54: 117. fig. 1947.

Nederland in 1943

Holcus lanatus var. *ciliatus* Beck, Fl. N. Oestern 70. 1890.

Nieder-Österreich.

Holcus lanatus var. *glabrescens* Zobel, Verzeich. Herzog. Anhalt. Umgeb. Phan. & Gefässkrypt. 2: 24. 1907.

"---im Elbtale oberhalb Rosslau (A. Zobel)."

Germany

citation ex Repert. Sp. Nov. Fedde 4: 301. 1907.

Holcus lanatus var. *glaucus* (Willk.) Richt. Fl. Eur. 1: 52. 1890.

Based on *H. glaucus* Willk.

Spain

Holcus lanatus var. *heterotrichus* Sern. ex Senn. & Maurio. Cat. Fl. Rif. Or. 128. 1933, nom. nud.

"Imasinen," Morocco. Africa

Holcus lanatus var. *leucoglumis* Karl ex Opiz, Lotus 3: 182. 1853.

"Opiz, Seznam. Rostl. České 53. 1852, nom. nud. "leucogluma" [Bohemia]

"Sohrad. Fl. Germ. 1. p. 281. var." error for 251.

Holcus lanatus var. *muticus* (Kunze) Richt. Fl. Eur. 1: 52. 1890.

Based on "*Holcus muticus* Kze."

Spain

Holcus lanatus var. *Notarisii* Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 227. 1899.

Based on *H. Notarisii* Nyman, which is based on *H. setiger* De Not. ---non Nees.

Italy (De Notaris)

Holcus lanatus var. *scaber* Beck, Fl. von Nieder-Oestern. 1: 70. 1890.

Austria

Holcus lanatus var. *setiger* (De Notaris) Fiori, Nuov. Fl. Anal. Ital. 1: 102. 1923.

Based on *Holcus setiger* De Not. 1848. Not Nees 1832.

Italy

Holcus lanatus var. *spectabilis* Podpéra, Květena Moravy 6: 337. 1926; Acta Soc. Sci. Nat. Moravy 2: 607. 1926. in Czechoslovak.

Hol. lan. var. *spectabilis* Podp. Doplňky 22. 1914 cited.

"Rajský les u Brna!"

Brunn. Czechoslovakia

Holcus lanatus var. *triflorus* Mutel, Fl. Franç. 4: 17. 1837.

"Pennmark dans le Finistère (Till.)"

[France]

Holcus lanatus var. *triflorus* Petern. Fl. Lips. 107. 1838.

"ad pagos Schönfeld, Leutzsch, ad aggerem Streit-damm" etc.

Germany

Holcus lanatus subv. *tuberosus* Coss. & Dur. Expl. Sci. Alger. 2: 99. 1854 (1855).*

[Given as var. without desor. by Senn. & Maurio. Cat. Fl. Rif. Or. 128. 1933.]

"*Holcus tuberosus* Salzm.! Fl. Tingit. exsicc." cited.

*Stearn says sheets 1-15 (i.e. pp. 1-120) were printed between Oct. 1854 and Apr. 1855.

Spain

Holcus lanatus var. *tuberosus* (Salzm.) Sennen "in sched." Sennen & Maurio. Cat. Fl. Rif Oriental 128. 1934

"---H. grumosus Sennen in sched." [this as syn. of *H. lanatus* var. *tuberosus*]

Meseta de Isaguen Morocco

Holcus lanatus var. *typicus* Fiori, Nuov. Fl. Anal. Ital. 1: 102. 1923.

Europe

Holcus lanatus var. *vaginatus* Willk. Oestern. Bot. Zeitschr. 40: 147. 1890.

"In prov. Gaditana pr. Jerez de la Frontera, Perez-Lara! (Jul. 1876)."

Spain

Holcus lappaceus L. ex Jacks. Ind. Linn. Herb. 87. 1912, nom. nud.

Holcus latifolius Osbeck, Dagbok. Ostind. Resa 247. 1757.

Holcus (*latifolius*) *glumis trifloris*, flosculo I: o inermi, duabus margine aculeatis, foliis subovatis

Desor. Culmus laevis, vix pedalis. Folia valde lata & fere ovata, vaginis, latiusculis, striatis. Panicle rami simplices, virgati. Flores alterni, solitarii, pedicellis capillaribus. Flos ovato-oblongus. Calyx brevior, bivalvis, triflorus. Flosculo primo laevi, secundo & tertio margine superiori spinis recurvis armato. (Osbeck, Dagbok 247. 1757.) [China, Osbeck, Oct. 25. 1751.]

see *H. latifolius* L. 1759.

= *Centotheca lappacea* see that card and one for *Centotheca latifolia* Trin. 1820.

Holcus latifolius L. Syst. Nat. ed. 10. 2: 1305. 1759.

"Osbeck iter. 247."

[reference to second glume "aculeate" indicates his concept was based on Osbeck's description.]

Holcus latifolius L. Sp. Pl. ed. 2. 2: 1486. 1763. 2 lines quoted from Osbeck "it. 247. "Habitat in India. Osbeck."

= *Centotheca lappacea*

Holcus laxus L. Sp. Pl. 1048. 1753.

In Virginia, Canada."

= *Uniola laxa* Man. U. S.

Holcus laxus Bosc. ex Trin. Mém. Acad. St. Pétersb. VI. Sci. Nat. 40: 57. 1840, as syn. of *Vilfa centrifuga* Nees. Not L. 1753.

Cape Good Hope, Africa

Holcus liburnicus Scop. Fl. Carn. ed. 2. 2: 276. 1772.

"Tergesto misit D. D. Carolus Krapf."

[not in Haack. Androp.]

Austria Hungary

Holcus longiaristatus St. Lager in Carlot, Etud. Fl. ed. 8. 2: 907. 1889.

Holcus macrothrix (Trin.) Kuntze ex Stuck. Anal. Mus.
Nac. Buenos Aires 11: 48. 1904.

Presumably based on *Andropogon macrothrix* Trin.

Brazil

Holcus mollis L. Syst. Nat. ed. 10. 1305. 1759.

Gramer. *caninum longius radiculatum majus*. C. B. 1.]
cited. [Bauhin]

Europe

Man. U. S.

Holcus mollis var. *biaristatus* Parnell, Grasses Scotl.

1: 51, pl. 22. 1842.

"frequently met with in damp shady woods and
occasionally in open boggy situations."

Scotland

Holcus mollis var. *densus* (Peterm.) Richt. Fl. Eur.

1: 52. 1890.

Based on *H. densus* Peterm."

Leipzig Germany

Holcus mollis var. *glaber* G. Meyer, Chloris Hanov.

642. 1836.

"Fürstenthum Göttingen: ... die Spielart bei Hardegen
(auch unter dem Weissen im Hessischen,
Fürstenthum Grubenhagen: ... die Spielart bei
Herzberg."

[Germany]

Holcus mollis var. *glabrescens* Zapal. Consp. Fl. Galio.

Crit., Rozpr. Wydz. Mat.-Przyr. Akad. Umiej. etn.

Krakow III. 4, B. 99. 1904. Aug. 11.

(The Conspectus Fl. Gal. Crit. which corresponds to
above in subject matter is at the Arnold Arboretum
and was published in 1906)
[photostat in H. & C. library]

"Krynica (Krupa)"

Galicia, Poland

At L.C.
AS 142
K 87

Holcus mollis var. *minuta* Druce, Rep. Bot. Exch.

Club Brit. Isles 9(1930): 286. 1931.

"Holyhead Mountain, Anglesey"

England

Holcus mollis var. *multiflorus* Peterm. Fl. Lips.

107. 1838.

"ad pagum Abtneundorf."

Leipzig Germany

Holcus mollis var. *parviflorus* Parnell, Grasses Scotl.

1: 51, pl. 22. 1842.

"found in dry sandy woods."

Scotland

Holcus mollis var. *reuteri* (Boiss.) Paunero, Anal. Bot.

Cavanilles 13: 158. pl. XXII. 1955.

Based on *Holcus reuteri* Boiss.

Madrid (? MA, 7231); El Pualar (Madrid) (Vicioso,
Beltrán, MA 7229); La Granja (Segovia) (? MA, 150097;
La Gasca, MA, 150100); San Rafael (Segovia) Reuter,
MA, 7233); Navacepeda, Gredos (Ávila) (Rivas Mateos,
MAP).

Holcus mollis var. *submuticus* Holmb. Bot. Not. 181.

1926.

"Norge, Hordaland, ad viam prope Aarstad (Holmb.)"

Norway

Holcus mollis var. *triflorus* Trab. Bull. Soc. Bot.

France 32(ser. 2) 7: 396. 1885.

"Beni-Foughal (Kahyllie)."

Algeria

Holcus monticola Bigel. New England Journ. Med. & Surg.

5: 334. 1816; Eaton, Man. Bot. ed. 2. 273. 1818.

1818-"Whitehills--Dr. Bigelow"

Mt. Washington (see p. 327-328)

N. H.

desor.: "glumis trifloris, hermaphrodito intermedio
diandro, masculis lateralibus triandris, valvula
exteriore dorso aristata."

= *Hierochloa alpina* Man. U. S.

Holcus muticus Kunze, Flora 29: 757. 1846.

"prope oppidum Yunquera."

Spain

Holcus nemorosus Opiz, Lotus 3: 182. 1853. no desor.

"Opiz herb. 5346 (1810) *H. lanatus* variet. *paniculatae*
ex virescenti in albidum vergente."

To this belongs as syn. *H. lanatus* var. *leucoglumis*
Karl in Opiz

Europe

Holcus nervosus Roxb. Hort. Beng. 82. 1814, nom. nud.;

Fl. Ind. ed. Carey 1: 320. 1820.

"A native of Coromandel."

India

Holcus niger Ard. Saggi Accad. Padova. 1: 134. 1786.

= *Sorghum bicolor* var. *bicolor* (Pers) Snowden

[See Scudder no. 1924 Saggi = Report]

N. E. Africa

Holcus niger L. ex Jacks Ind. Linn. Herb. 87. 1912,

nom. nud.

Holcus nigerrimus Ard. Saggi Accad. Padova. 1: 134. 1786

erroneously given by Roem. & Schult Syst. Veg.

2: 837. 1817 for *H. niger* Ard. They give it as syn.
of *Sorghum nigrum* Roem. & Schult.

Sorghum

[See Scudder No. 1924 Saggi = Rep.]

Holcus nigricans Hort. ex Steud. Nom. Bot. ed. 2.

1: 772. 1840, as syn. of *Sorghum vulgare*

Holcus nitidus Vahl, Symb. Bot. 2: 102. 1791.

"Habitat in India Orientali."

= *Sorghum nitidum* (Vahl) Pers.

East Indies

Holcus notarisi Nyman, Syll. 441. 1854-55.

Based on *H. setiger* De Not....non Nees."

Italy-Monte del Gazzo sopra Genoa. (De Notaris)

Holcus nutans (L.) Kuntze ex Stuck. Anal. Mus. Nac.

Buenos Aires 11: 48. 1904.

Presumably error for *Andropogon nutans* L.

= *Sorghastrum nutans* Man. U. S.

Illinois

Holcus nutans var. *avenaceus* (Michx.) Hack. ex Stuck.

Anal. Mus. Nac. Buenos Aires 11: 48. 1904.

Presumably based on *Andropogon avenaceus* Mx.

= *Sorghastrum nutans* Man. U. S.

Illinois

Holcus nutans var. *pellitus* (Hack.) Hack. ex Stuck.

Anal. Mus. Nac. Buenos Aires 11: 48. 1904.

Presumably based on *Andropogon nutans pellitus* Hack.

= *Sorghastrum*

Brazil (Sello) Montevideo [Uruguay] (Sello)
Rendoza (Gillies)

Holcus nutans var. *stipoides* (Kunth) Hack. ex Stuck.

Anal. Mus. Nac. Buenos Aires 11: 48. 1904.

Presumably based on *Andropogon stipoides* Kth.

= *Sorghastrum*

Novogranatensis [Columbia]

Holcus odoratus L. Sp. Pl. 1048. 1753.

"In Europae frigidioris pascuis humentibus."

[Kew Ind. (L.) Michx. Fl. Bor. Am. 1: 56, as syn.
Hierochloa fragrans]

= *Hierochloa odorata*

Man. U. S.

Holcus odoratus var. *repens* Schkuhr, Bot. Handb.

3: 522. 1808.

"Deutschland"

Germany

Holcus pallidus R. Br. Prodr. Fl. Nov. Holl. 199. 1810.

"(T.) Littora Novae Hollandiae intra tropicum."

Basis of *Andropogon gryllus* ssp. *pallidus* (R. Br.)
Benth. in Hack. Monog. 552.

= *Chrysopogon*

Australia

Holcus parviflorus R. Br. Prodr. Fl. Nov. Holl. 199.

1810.

"(T.) Littora Novae Hollandiae intra tropicum."

"(J.) apud Portum Jackson, inclusis ripis aestuarii
Hunter's River vel Coal River."

Basis of *Andropogon micranthus* Kunth, based on
Holcus parviflorus R. Br. 1810, not *Andropogon*
parviflorus Roxb. 1820. Hack. Monog. 488.

Australia

Holcus pertusus L. Mant. Pl. 2: 301. 1771.

"Habitat in India Orientali."

Andropogon pertusus

Man. U. S.

East Indies

Holcus plumosus R. Br. Prodr. Fl. Nov. Holl. 290. 1810.

"(T.) Littora Novae Hollandiae intra tropicum."

Andropogon australis ssp. *plumosus* (R. Br.) Hack.
p. 523.

= *Sorghum plumosum* (R. Br.) Beauv.

Australia

Holcus pyramidalis Hort. ex Steud. Nom. Bot. ed. 2.

1: 772. 1840, as syn. of *Sorghum vulgare*

Holcus racemosus Forsk. Fl. Aegypt. Arab. CXXIII;
175. 1775.

"Ubique in Yemen"

"Prope accedit ad Holcum Dochn."

Arabia

Holcus redolens Selander ex G. Forst. Fl. Ins. Austral.

Prodr. 92. 1786, nom. nud. Not Vahl 1791 described

"S. Nova Zeelandia"

This described as *Torresia redolens* by Reem. & Schult 1817.

= *Hierochloë redolens*

Holcus redolens Vahl, Symb. Bot. 2: 102. 1791.

described

"Habitat in terra del fuego. Prof. Fabricius."

transferred to *Hierochloë* by Reem. & Schult 1817.

Holcus repens Host, Icon. Gram. Austr. 3: pl. 3. 1805.

"In Pannonia in arenosis cultis & incultis Comitatus Pesthiensis, Bacsensis, Cumaniae. Waldstein & Kitaibel."

= *Hierochloë odorata* (L.) Beauv. fide Aschers. & Graeb.

Austria Hungary

Holcus reuteri Boiss. in Boiss. & Reut. Pugill. 119.
1852.

"Hab. in paludosis Castellae veteris ad San Raphael (Reuter, 1841)."

Spain

Holcus rigidus Hochst. ex Seubert, Fl. Azor. 17. pl. 1.
f. 2. 1844.

"Ad vias et in ruderalis ins. Fayal, nec non ins. Pico....Coll. nr. 127." [Hochstetter patris & filii]

Azores

Holcus rubens Gaertn. Fruct. & Sem. 2: 3. 1791.

[Caffris]

= *Sorghum cernuum* Host. fide Snowden p. 205.

Africa

Holcus saccharatus L. Sp. Pl. 1047. 1753.

India

= *Sorghum vulgare* var. *saccharatum* (L.) Boerl.

Man. U. S.

Holcus saccharatus Arduini, in Sagg. So. Lett. Padova
1: 136. t. 4. f. 2. 1786. [from Snowden Cult. Races
of *Sorghum* 93. 1936, sub *Sorghum dochna*] Not L.

"*Holcus saccharatus* Ard. ex Griseb. Fl. Brit. W. Ind. 743. 1864 (in index but not on p. 560 as given in Index.)"

"*Holcus saccharatus* Griseb. Fl. Brit. W. Ind. 560 in obs. = *Oplismenus undulatifolius*." Ind. Kew, 1169. 1893 is an error Griseb. p. 560:--cultivated species--
of these *S. vulgare* Pers. (Desc. Fl. 8. t. 541), and
S. Dora, Gr. (*S. saccharatum*, Host. Gram. Austr. 4. t. 4. non Pers., which is *Holcus*. "Ard. t. 4. f. 2")
occur in the West Indian collections--"

*[error, Pers. is *Sorghum*]

Holcus saccharatus Muhl. Desor. Gram. 275. 1817.

[sic]

"Habitat cultu in hortis"....

"a cultivated form of *Sorghum vulgare* Pers. with a
loose panicle." Hitchcock, Barton 14: 51. 1932.

Hort.

Holcus saccharatus var. *technicus* (Koern.) Farwell,
Rep. Mich. Acad. Sci. 20: 163. 1918.

Based on *Andropogon sorghum* var. *technicus* Koern.
in Hack.

= *Sorghum vulgare* var. *technicum* (Koern.) Jav.

Hungary

Holcus saccharatus (Swartz) Kuntze ex Stuck. Anal.
[error in Stuck.]
Mus. Nac. Buenos Aires 11: 48. 1904.

Presumably based on *Andropogon saccharoides* Swartz

Jamaica

Holcus saccharatus var. *barbinodis* (Lag.) Hack. ex
Stuck. Anal. Mus. Nac. Buenos Aires. 11: 48. 1904.

Presumably based on *Andropogon barbinodis* Lag.

Mexico Sessé

Holcus saccharatus var. *imperatodes* Hack. ex Stuck.
Anal. Mus. Nac. Buenos Aires 11: 48. 1904.

Presumably based on *Andropogon saccharoides* var.
imperatodes Hack.

Brazil Sello

Holcus saccharatus var. *laguroides* (DC.) Hack. ex
Stuck. Anal. Mus. Nac. Buenos Aires 11: 48. 1904.

Presumably based on *Andropogon laguroides* DC.

Mexico

Holcus saccharatus var. *perforatus* (Trin.) Hack. ex
Stuck. Anal. Mus. Nac. Buenos Aires 11: 48. 1904.

Presumably based on *Andropogon perforatus* Trin.

Mex. (Berlandier n. 641)

Holcus Salzmannii (Trin.) Kuntze ex Hack. in Stuck.
in Anal. Mus. Nac. Buenos Aires. 11: 48. 1904.

Presumably based on: *Rottboellia salzmannii* Trin.
in Steud.

= *Andropogon salzmannii* Steud.

Bahia, Brazil, Salzmann [no. 715 probably]

Holcus Savii Spreng. Fl. Pugill. 1: 8. 1813.

Based on: "*Avena neglecta* Sav."

Italy

Holcus selleanus (Hack.) Kuntze ex Stuck. Anal. Mus.
Nac. Buenos Aires 11: 48. 1904.

Presumably based on *Andropogon selleanus* Hack.

= *Andropogon selleanus* Hack.

Brazil (Sello)

Holcus serratus Thunb. Prodr. Fl. Cap. 20. 1794.

"Promontorio Bonae Spei Africae....collegit Carol.
Pet. Thunberg."

= *Bracharia serrata* (Thunb.) Stapf.

Cape Good Hope Africa (Thunberg)

Holcus setifolius Thunb. N. Sp. Plant. Capensium 6, 1803
(in Hoffm. Phytographische Blätter 1803)

[Cape Good Hope, Africa]

Basis of *Achmeria setifolia* (Thunb.) Stapf

= *Afrachneria*

Africa

Holcus setiger Nees, Linnaea 7: 278. 1832.

"Wiesenland beim Dorfe Sommerset in Hottentots-
holland, Octobri, Ecklon."

Africa

Holcus setiger De Not. in Parl. Fl. Ital. 1: 65. 1848.
Not Nees 1832.

"De Notaris ha trovato---
---Monte del Gazzo sopra Genova---"

Italy

Holcus setiglumis Boiss. & Reut. Diagn. Fl. Nov. Hisp.
27. (Bibl. Univ. Geneve N. Ser. 38: 219. 1842)

"Hab. in quercetis arenosis collium, Casa del
Campo, Pardo, circa el Escorial (Reuter)."

[Spain]

Holcus setiglumis ssp. *duricensis* F. Silva, Agron.
Lusitania 18: 11. f. 1. 1956.

"Lusitania, prov. Trás os Montes e Alto Douro---pr.
Castanheiro do Douro (Carraceda de Azeites)---
(inv. phytoso. 1058---F. Silva, Fontes & M. Silva
4797, 1951. Maio 22: Lise 45623. Holotypus---" ©

Holcus setosus Trin. Mém. Acad. St. Pétersb. VI. Sci.
Nat. 34: 87. 1839.

"In pascuis tingitanis: Ins. Sara mar. casp. Gilan.
Cbsp."

Ins. Sara - Caspian Sea

Holcus sorghum L. Sp. Pl. 1047. 1753.

Habitat in India.

= *Sorghum vulgare* Man. U. S.

Holcus sorghum var. *Arduini* (Gmel.) Honda, Bot. Mag.
Tokyo 40: 100. 1926.

Based on *Holcus Arduini* Gmel.

= *Sorghum vulgare* var.

India

Holcus sorghum var. *Arduini* subv. *japonicus* (Hack.)
Honda, Bot. Mag. Tokyo 40: 100. 1926.

Based on *Andropogon sorghum* ssp. *sativus* var. *vulgaris*
subv. *japonicus* Hack.

= *Sorghum vulgare* var.

Japonia....Java (Zollinger 1184)

Holcus sorghum var. *cafferorum* (Thunb.) Bailey, Gentes
Herb. 1: 133. 1923.

Based on *H. cafferorum* Thunb.

= *Sorghum cafferorum* (Retz.) Beauv.

Bonae Spei Africae (Thunberg)

Holcus sorghum var. *caudatus* (Hack.) Bailey, Gentes
Herb. 1: 133. 1923.

Based on *Andropogon Sorghum* subsp. *sativus* var.
caudatus Hack.

= *Sorghum caudatum* (Hack) Stapf. (Snowden p. 161)

Africa centrali in terra Djur (Schweinf. Ser. III
n. 180 ex p.)

Holcus sorghum var. *drummondii* (Nees) Hitchc. Proc.
Biol. Soc. Washington 29: 128. 1916.

Based on *Andropogon drummondii* Nees.

= *Sorghum vulgare* var. *drummondii* (Nees) Hack.

Man. U. S.

[La.] N. Orleans (Drummond nr. 588)

Holcus sorghum var. *Durra* (Forsk.) Bailey, Gentes Herb. 1: 132. 1923.

Based on *H. Durra* Forsk.

= *Sorghum vulgare* var. *durra* Man. U. S.
Egypt. Arabia

Holcus sorghum effusus (Hack.) Hitchc. Proc. Biol. Soc. Washington 29: 128. 1916.

Based on *Andropogon sorghum effusus* Hack.

No specimen or name cited as base of this name "effusus"

Holcus sorghum exiguus (Forsk.) Hitchc. Proc. Biol. Soc. Washington 29: 128. 1916.

Based on *H. exiguus* Forsk.

= *Sorghum virgatus* (Hack.) Stapf
Nile. Egypt. Africa

Holcus sorghum hewisoni (Piper) Hitchc. Proc. Biol. Soc. Washington 29: 128. 1916.

Based on *Andropogon sorghum hewisoni* Piper
Senaar Province Sudan.
Africa. (R. Hewison)

Holcus sorghum var. *japonicum* (Hack.) Nakai, Catal. Semin. 1932: 5. 1932.

Presumably based on *Andropogon sorghum* var. *vulgaris* subvar. *japonicum* Hack.

= *Sorghum vulgare* var.
Japan

Holcus sorghum var. *obovatus* (Hack.) Honda, Bot. Mag. Tokyo 40: 99. 1926.

Based on *Andropogon sorghum* ssp. *sativus* var. *obovatus* Hack.

Italia Verona; (Reichb. fl. germ. exs. n. 2408);
Hispania, Bourgeau Fl. Esp. 1522)

Holcus sorghum var. *obovatus* subv. *niger* (Ard.) Honda, Bot. Mag. Tokyo 40: 99. 1926.

Based on *H. niger* Ard.

N. E. Africa

Holcus sorghum var. *Roxburghii* (Hack.) Bailey, Gentes Herb. 1: 132. 1923.

Based on *Andropogon sorghum* subsp. *sativus* var. *Roxburghii* Hack.; this based on [see card] *Andropogon saccharatus* (L.) Roxb. based on *Holcus saccharatus* L.

= *Sorghum vulgare* var. *saccharatum* (L.) Boerl.
India

Holcus sorghum var. *saccharatus* (L.) Bailey, Cent. Herb. 1: 132. 1923.

Based on *H. saccharatus* L.

= *Sorghum vulgare* var. *saccharatum* (L.) Boerl.
India

Holcus sorghum sudanensis (Piper) Hitchc. Proc. Biol. Soc. Washington 29: 128. 1916.

Based on *Andropogon sorghum sudanensis* Piper

= *Sorghum sudanense* (Piper) Stapf.

Khartum, Anglo-Egyptian-Sudan- Africa
(R. Hewison)

Holcus sorghum var. *technicus* (Koern. & Wern.) Bailey, Gentes Herb. 1: 132. 1923.

Based on *Andropogon Sorghum* var. *technicus* Koern. & Wern.

= *Sorghum vulgare* var. *technicum* (Koern.) Jav.
Cult.

Holcus sorghum var. *transiens* (Hack.) Honda, Bot. Mag. Tokyo 40: 100. 1926.

Based on *Andropogon sorghum* subsp. *sativus* var. *transiens* Hack.

= *Sorghum vulgare* var.
Hort.

Holcus sorghum verticilliflorus (Steud.) Hitchc. Proc. Biol. Soc. Washington 29: 128. 1916.

Based on *Andropogon verticilliflorus* Steud.

= *Sorghum verticilliflorum* (Steud.) Stapf.
Reunion Island, Indian Ocean

Holcus spicatus L. Syst. Nat. ed. 10. 2: 1305. 1759;
Sp. Pl. 1483. 1763.

[Syst. gives no place. Cites Pluk. t. 32. f. 4.]

"Habitat in India."

= *Pennisetum glaucum* (L.) R. Br.

Holcus striatus L. Sp. Pl. 1048. 1753.

"In Virginiae paludibus."

= *Sacciolepis striata* (L.) Nash' Man. U. S.

Holcus sudanensis (Piper) Bailey, Gentes Herb.

1: 132. 1923.

Based on *Andropogon Sorghum* var. *sudanensis* Piper.

= *Sorghum sudanense* (Piper) Stapf Man. U. S.

"Grown at Arlington Farm ... seed from R. Hewison,
Khartum, Anglo-Egyptian Sudan."

Holcus tener Schreber ex Muhl. Am. Phil. Soc. Trans.

3: 182. 1793. Name only

U. S. Unidentified

Holcus tenuis Trin. in Spreng. Neue Entd. 2: 75. 1821.

"(Hieracanthus parviflora Presl. Or. Sic. p. 11)"

"Hab. in pratensibus montium Nebrodisium Siciliae."

Sicilia

Holcus tenuis J. Gay, Ann. Sci. Nat. II. Bot. 6: 136.

1836, nom. nud.; in Lacaille, Journ. Bot. Brit. &
For. 67: 109. 1929. Not Trin. in Spreng. 1821.

"Habitat in rupibus Asturiae-occidentalis pedemontanae ad S. Annam prope Cangas de Teneo---(Durieu)."
Northern Spain

Holcus trichocladius (Rupr.) Nash, N. Amer. Fl. 17: 131. 1912.

Based on "*Andropogon trichocladius* Rupr. in Hack."
"Rupr. MS."

= *Sorghum trichocladum*

"Mexico, Talca prov. Oajaca (Liebm. 23, 24)"

Holcus triflorus Trab. in Batt. & Trab. Fl. Alger. Tunis 367. 1902.

"Forêt de Goubia chez les Beni-Foughal près Djidjelli."

Africa

Holcus tuberosus Salzm. ex Trin. Mém. Acad. St. Pétersb. VI. Sci. Nat. 34: 86. 1839.

"Tingit. Madeira."

Spain

Holcus ventricosus Fisch. ex Trin. Mém. Acad. St. Pétersb. VI. Sci. Nat. 34: 88. 1839, as syn. of *H. setosus* Trin.

Holcus virgatus (Hack.) Bailey, Gentes Herb. 1: 132. 1923.

Based on *Andropogon sorghum* subsp. *halepensis* var. *virgatus* Hack.

= *Sorghum virgatum* (Hack.) Stapf

Egypt Damiette (Erhenberg)

Holcus virginicus Muhl. ex Steud. Nom. Bot. ed. 2. 1: 773. 1840, as syn. of *Andropogon virginicus*

Man. U. S.

Holcus zizanioides (L.) Kuntze ex Stuck. Anal. Mus. Nac. Buenos Aires 11: 48. 1904.

Presumably based on *Phalaris zizanioides* L.

= *Vetiveria zizanioides* (L.) Nash

Ind. Or. (Koenig)

Hologamium kotschyi (Hochst.) Nees ex Hochst. Flora 39: 95. 1856.

Based on *Ischaemum* (Sehima) Kotschyi Hochst. Kotschy it nubico nr. 373. Africa

Basis of *Sehima kotschyi* Hochst

= *Ischaemum*

Hologamium nervosum (Rottler) Nees, Einb. New Phil. Journ. 18: 185. 1835.

Based on "*Andropogon nervosus* Rottl. ex Roem. & Schult."

Hab. In Ind. or.; Rottler, Wight "Wight Cat. nr. 1689."

India

= *Ischaemum laxum* R. Br. in Hackel p. 245.

Holcus philippicum Steud. in Flora 33: 228. 1850, nom. nud. Syn. Fl. Glum 1: 118. 1854.

"Herbr. Cuming nr. 1363 et 1414. Ins. Philip."

= (*Panicum semialatum*)

= *Alloteropsis semialata*

Philippines

Homalachne caespitosa (Boiss.) Pilger, Bot. Jahrb. 74: 227. 1948.

= *Holcus caespitosus* Boiss.

[Generic name not validly published]

= *Homalachne caespitosa* (Boiss.) Pilger 1949.

Spain

Homalachne grandiflora (Boiss.) Pilger, Bot. Jahrb. 74: 227. 1948.

Holcus grandiflorus Boiss.

[Generic name not validly published]

= *Deschampsia reuteri* Pilg. based on *Holcus grandiflorus*, not *Deschampsia grandiflora* Nees.

Spain

Homalocenchrus angustifolia (Munro) O. Kuntze, Rev. Ger. Fl. 2: 777. 1891. No description
Munro's epithet not cited,

"Centralafrika 1869 nr. 2098 von Schweinfurth.... in Kew Herbar."

Homalocenchrus gouninii (Fourn.) O. Kuntze, Rev. Gen. Fl. 2: 777. 1891.

Based on *Leersia gouninii* Fourn.

Mexico

- Homalocenchrus grandiflorus* (Doell) Hitchc. Contr. U. S. Nat. Herb. 17: 273. 1913.
- "*Oryza Monandra*" var. "*grandiflora*" Doell.
= *Leersia grandiflora* (Doell) Prod. Caldas, Minas, Brazil, Regnell III. 1402.
- Homalocenchrus hexandrus* (Sw.) Kuntze Rev. Gen. Fl. 2: 777. 1891.
- Based on "*Leersia h. Sw.*"
= *Leersia hexandra* Man. U. S.
Jamaica
- Homalocenchrus japonicus* (Makino) Honda, Bot. Mag. Tokyo 39: 37. 1925.
- "*Leersia japonica* Makino, Tokyo Bot. Mag. VI (1892) p. 48 nom. nud." cited and "nom. nov." added by Honda to his *H. japonicus* above.
Latin description given, making this the first publication of *H. japonicus*.
See card = *Leersia japonica* Honda 1930.
- Homalocenchrus lenticularis* (Michx.) Kuntze, Rev. Gen. Fl. 2: 777. 1891; Trelease in Brum. & Coville, Ann. Rept. Geol. Surv. Arkansas 1888: 4: 233. 1891 (July)
- Based on *Leersia lenticularis* Michx.
" " " " Man. U. S.
- Homalocenchrus ligularis* (Trin.) O. Kuntze, Rev. Gen. Fl. 2: 777. 1891.
- Based on *Leersia ligularis* Trin.
" " " " Man. U. S.
Mexico, prope Jalapam, Macultepec (Schiede)
- Homalocenchrus monandrus* (Sw.) Kuntze, Rev. Gen. Fl. 2: 777. 1891.
- Based on *Leersia monandra* Sw.
" " " " Man. U. S.
- Homalocenchrus oryzoides* Poll. Hist. Fl. Palat. 1: 52. 1776.
- Based on *Phalaris oryzoides* L.
Cites: "Mieg. Bot. Helvet. 14. 317 [4: 308. 1760]. Hall, Hist. II. p. 202." [combination not made here]
= *Leersia oryzoides* (L.) Swartz Man. U. S.
- Homalocenchrus oryzoides* var. *japonicus* (Hack.) Honda, Bot. Mag. Tokyo 39: 36. 1925.
- Based on *Leersia oryzoides* var. *japonica* Hack.
" " " " " " Japan
- Homalocenchrus ovata* (Poir.) Kuntze, Rev. Gen. Fl. 2: 777. 1891.
- Based on *Leersia ovata* Poir.
= *Leersia virginica* Man. U. S.
- Homalocenchrus virginicus* (Willd.) Britton, Trans. N. Y. Acad. 9: 14. 1889.
- Based on *Leersia virginica* Willd.
" " " " " " Man. U. S.
- Homoatherum chinense* Nees in Lindl. Nat. Syst. ed. 2. 448. 1836.
- "In China circum Macao----1829, legit Rev. Vachell." fuller descr. in Hook. & Arn. Bot. Beechy Voy. 239. 1836.
- Homoatherum caespitosa* (Boiss.) Pilger, Bot. Jahrb. 74 (4): 556. 1949.
- Based on *Holcus caespitosus* Boiss. Type in U. S. Nat. Herb.
- Homolepis aturensis* (H.B.K.) Chase, Proc. Biol. Soc. Washington 24: 146. 1911.
- Based on "*Panicum aturense* H.B.K." Venezuela
- Homolepis isocalyola* (Meyer) Chase, Proc. Biol. Soc. Wash. 24: 147. 1911.
- Based on "*Panicum isocalyolium* Meyer." British Guiana
- Homolepis longiflora* (Trin.) Pilger in Engl. & Prantl, Pflanzenfam. ed. 2. 146: 35. 1940.
- Based on *Panicum longiflorum* Trin. Not Omel 1791.
= *Homolepis longispicula* (Doell) Chase Brazil
- Homolepis longispicula* (Doell) Chase, Proc. Biol. Soc. Wash. 24: 147. 1911.
- Based on "*Panicum longiflorum* Trin." Not Omel. 1791
- Homopholis belsonii* C. E. Hubb. Kew Bull. Misc. Inf. 1934: 127. 1934. pl. 3231 Hook. Icon vol. 33. 1934.
- "Queensland: Darling Downs District; head of Dogwood Creek, east of Gurulmundi, Nov. 1930, Belson" Australia
- Homoplitis orinita* (Thunb.) Trin. Fund. Agrost. 166. 1820.
- Based on "(*Andropogon orinitus* Thbg.)"
= *Pogonatherum orinitum* Japan
- Homopogon chevalieri* Stapf, Bull. Soc. Bot. France 55: 103. 1908 (Mem. 8b) Fl. Tunisie 132.
- "no. 5761 [Aug. Chevalier]"
"Haut-Oubangui,--Bassin de la Haute Ombella, Pays de Mbrous, au village de Dati." Africa
- Homozeugos eylesii* C. E. Hubb. Kew Bull. Misc. Inf. 1936: 295. 1936.
- "Northern Rhodesia: Mufulira, in open forest, May 1934, Eyles 8369 (type)" Africa
- Homozeugos fragile* Stapf, Hook. Icon. Fl. V. 12: tab. 3033. 1915.
- "West Tropical Africa: Angola; Benguela, country of the Ganguellas and Ambuellas, Gossweiler 4029." Africa
- Homozeugos gossweileri* Stapf, Fl. Trop. Afr. 9: 103. 1917.
- "Lower Guinea. Angola: Benguela; country of the Ganguellas and Ambuellas, Gossweiler, 25861" Africa
- Homozeugos huillensis* (Rendle) Stapf, Hook. Icon. Fl. V. 12: tab. 3033. 1915.
- Based on *Pollinia huillensis* Rendle Huilla----no. 2669 [Welw.] Angola
- Hordelymus europaeus* (L.) Harz ex Clap. Tutin & Warb. Fl. British Isles 1465. 1952.
- Based on *Hordeum europaeum* (L.) All.
= *Elymus europaeus* L.
- Hordelymus europaeus* (L.) Jessen ex Harz in Bowen, Canadian Journ. Bot. 36: 103. 1958.
- See same, Tutin & Warb. Fl. British Isles 1465. 1952.
Based on *Hordeum europaeum* (L.) All.
= *Elymus europaeus* L.
- Hordelymus zizini* Bacht. & Dur. Botanisch. zhurnal Akad. nauk S.S.S.R. 35: 188. 1950.
- "(*Hordeum distichum* v. *mutans* Schubl. & *Elymus giganteus* Vahl.)
all Russian except this, p. 191 "*Hordelymus zizini* Bacht. et Dur." all the rest Russian U.S.S.R.
- X *Hordeopyrum Rouxii* (Gren. & Duval) Simonet, Compt. Rend. Acad. Sci. Paris 201: 1212. 1935.
- Based on *Agropyron Rouxii* Gren. & Duval
[see also Rouy, Fl. France 14: 326. 1913. supposed to be hybrid
Agropyron x *Hordeum* France
- Hordeum adpressum* Moench, Meth. Fl. 199. 1794.
- Elymus sibiricus* cited
"Plantae hortenses." Cult.
- Hordeum adscendens* H.B.K. Nov. Gen. Sp. 1: 180. 1816.
- "Crescit in convalli Mexicana inter montem Chapultepec et Carpio, alt. 1160 hexap."
[T. Bonpl 4001]
[has been misapplied to *H. arizonicum* in U. S.] Mexico
- Hordeum aegiceras* Royle, Illustr. Bot. Himal. 1: 418. [incidental mention]. 1839; 2: pl. 97. f. 2. 1839, without descr. See also Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 731.
- Kew Ind. gives "*Royle ex Walp. Ann. 3: 787. = vulgare.*" In Ann. it is given as syn. of *Critho aegiceras*
= syn. for *H. vulgare trifurcatum* acc. Harlan India
- Hordeum Aegiceras* (Nees?) Royle, Ill. Him. Cashem. t. XCVII (1839). *Critho*² *Aegiceras* E. Mey. Hort. Regiom. seminif. 1848. 5.
- "Eine zur sehr constanten Abart gewordene Monstrosität die wieder ihrerseits zur Bildung monströser Abänderungen neigt (vgl. Hornicke a. a. O. 171)."
² von K. P. J. Gerste
- Hordeum aestivum* Regel, Bull. Appl. Bot. 8: 1506. 1915, without descr.
- Bur. Bot. Appl. Russia - Exp. Sta.
p. 1511 given under "races printanieres" or Spring races Russia
- Hordeum agriocrithon* Åberg, Chron. Bot. 4: 390. 1938; Ann. Agr. Coll. Sweden 6: 159. f. 1-12. 1938. See *H. lagunculiforme* Bakth. 1957.
- "Taofu (Dawo) at 3000m above sea level East Tibet (Dr. Harry Smith) material given to Institute of Plant Husbandry at Agr. Coll. Uppsala."
2nd ref. "The plants used for this description originate from two kernels which occurred in a sample of wheat from Taofu, no. 13064." Aff. *Hordeum spontaneum* C. Koch

Hordeum agriocrithon var. *dawoense* Åberg, Symbol. Bot. Upsal. 4 (no. 2): 33, 94, 148. pl. 18. 1940.

Of the plants obtained from the three hulled kernels in no. 13064 one plant diverged from the others, which have been described as *eu-agriocrithon*. The diverging plants are described as var. *dawoense*.

No. 13064. Type 2. Dr. Harry Smith, Coll. Eastern Tibet, 1934-35. (p. 33)

Southeastern Asia

✓ that is *H. agriocrithon* ipse, see card. Also as "*eu-agriocrithon*"

Hordeum agriocrithon var. *eu-agriocrithon* Åberg, Symbol. Bot. Upsal. 4 (no. 2): 93, 148. pl. 18. 1940. Nov. nom.

Dr. Harry Smith, botanical expd. to Eastern Tibet, 1934-35. ...material originates from the regions around Tachienlu.All the barley, with the exception of 3 kernels in no. 13064 (Smith's collection no.) of which 2 produced the already described species *H. agriocrithon*, was naked." (Åberg p. 10)

Type: No. 13064 (Type 1)

Southeastern Asia

Hordeum ambiguum Doell, in Mart. Fl. Bras. 23: 231. 1880.

"Habitat ad Monte Video (Sello d. n. 755). Omino eandem plantam, a cl. Sieber in Creta insula lectam, in herbario meo servo."

Selle - Uruguay

Sieber - Crete

Hordeum americanum Regel, Bull. Appl. Bot. 8: 1506. 1915, without descr.

"presque tardive" - almost late Bur. Bot. Appl. Russia Exp. Sta.

U.S.S.R.

Hordeum andicola Griseb. Abh. Ges. Wiss. Göttingen 24: 285. 1879.

[Prov. Tucuman] = "T." [Prov. Salta] = "S"

"T. S. : Nevado del Castillo."

Argentina

T

Hordeum andicola pusillum Maclosk. Rep. Prino. Univ. Exped. Patag. 8: 249. 1904, without description.

"At Puerto Madryn. (Dusen.)"

Argentina

Hordeum andinum Trin. Linnaea 10: 304. 1835-36.

"Chil. bor. And. de Sta Rosa." (America calidiore, Poeppig)

Chile

T

Hordeum anglicum Gandog. Oesterr. Bot. Zeitschr. 31: 46. 1881.

Anglia, prope Llandudno Carnarvonshire (J. Harbord Lewis).

Hordeum anglicum Regel, Bull. Appl. Bot. 8: 1505. 1915. Not Gandog 1881.

"races tardives parmi les races distiques" late among 2-rowed Bur. Bot. Appl. Russia Exp. Sta.

U.S.S.R.

Hordeum apertum Phil. Anal. Univ. Chile 94: 345. 1896.

"Prope Concon haud procul a Valparaiso, Octobri 1884, Fridericus Philippi."

Chile

Hordeum arenarium (L.) Aschers. Fl. Brandenb. 1: 874. 1864.

Based on *Elymus arenarius* L.

Europe

Hordeum arenarium var. *depauperatum* (Borrm.) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: Lief. 26. 49. 1903

[*Elymus sabulosus* var. *depauperata*]

"Borrm. Bot. Centr. bl. 36: 156. 1888."

Bulgaria

Hordeum arenarium sabulosum (Marsch.-Bieb.) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 747. 1902.

Based on *Elymus sabulosus* Marsch.-Bieb.

Russia - Europe

Hordeum arizonicum Covas, Madrono 10: 16. 1949.

Fort Lowell, Arizona J. J. Thornber 536 (US; iso-types, DS, UC)

Man. U. S.

T

Hordeum asperum (Simonkai) Degen in Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 744. 1902.

"Cuviera caput Medusae var. *aspera* Simonkai Term. kőzl. XXIX [should be 44] Potf. 230. (Nov. 1897 mit Besch.)." in Hungarian

Europe

Hordeum avenaceum Wigg. ex Beauv. Ess. Agrost. 165.

1812, name only; Steud. Nom. Bot. 411. 1821, as syn. *Holcus avenaceus* Scop.

= *Arrhenatherum elatior* (L.) Presl. Man. U. S.

Europe

Hordeum berterocanum E. Desv. ex Gay, Fl. Chil. 6: 460. 1853.

"En los campos de Santiago (Gay); la Serena, provincia de Coquimbo (Gay); San Joaquin (Bertero, no 331) Rancagua (Bertero)."

Chile

T

Hordeum berterocanum var. *pumila* E. Desv. in Gay Fl. Chil. 6: 460. 1853.

"var. Coquimbo (Gay)."

T.

Chile

Hordeum bifarium Roth, Nov. Pl. Sp. Ind. Or. 59. 1821.

"Communicavit...amicus b. de Schreber, qui 1791 e Neapoli sub nomine *Secalis orientalis* accepit."

Italy

X *Hordeum Blomii* Thell. Bot. Not. 1927: 192. 1927.

Hordeum comosum Presl X H. jubatum var. *pampeanum* Haum.

"Loc.: Suecia: Skåne, Lackalånga, ...leg. C. Blom 13. VII. 1924 et 19. et 29. VI. 1925."

Sweden

Hordeum bobartii Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 743. 1902.

"Provence und an der Riviera bei Avignon, Arles, in der Grau (Legré!) bei Marseille, Fréjus, St. Raphaël, Grasse, Nizza (St. Lager Cat. Bass. Rhône 819. Ardoino 436)."

France

Hordeum Bogdani Wilensky, Izv. Saratovsk Ob. Stan. 12: 13. 1918.

Russia Europe

Hordeum bohemicum Regel, Bull. Appl. Bot. 8: 1505. 1915.

Grouped under: "orges distiques - races mi-précoces" or 2-rowed barley-rather early Bur. Bot. Appl. Russia. Exp. Sta.

Hordeum boreale Gandog. Oesterr. Bot. Zeitschr.

31: 47. 1881. See also Bot. Notiser 1891: 157. 1881. Anglia.

Suecia, circa Malmö Scaniae (P. F. Lundquist).

Hordeum boreale Scribn. & Smith, U. S. Dept. Agr. Div. Agrost. Bull. 4: 24. 1897. Not Gandog., 1881.

[Type selected: Gribnitsky, July 1891. British Behring Sea Commission, Behring Island, Behring Sea]

"Aleutian Islands and Alaska to Oregon & California" [Only citation given]

T

= *H. brachyantherum* Nevski, based on this.

Man. U. S. II.

[*Hordeum nodosum* var. *boreale* (Scribn. & Smith) Hitchc. Man. U. S.]

Hordeum brachyantherum Nevski, Acta Inst. Bot. Acad. Sci. U.R.S.S. I. 2: 61. 1936.

Based on *H. boreale* Scribn. & Smith 1897. Not Gandog 1881.

T

Man. U. S.

Behring Island

Hordeum brachyantherum Phil. Anat. Univ. Chile 94: 346. 1896.

"Habitat in Andibus de Linares dictis."

Chile

Hordeum breve Regel, Bull. Appl. Bot. 8: 1506. 1915, without descr.

"presque tardive"---almost late. Bur. Bot. Appl. Russia Exp. Sta.

U.S.S.R.

Hordeum brevisubulatum Presl, Bot. Bemerk. 120. 1843(?);

Abh. Bohm. Ges. Wiss. Folg. 5. 3: 550. 1845,

without description.

"*Hordeum bulbosum* var. *Farreiss* pl. taur. n. 574."

"est *Hordei* alia species: *H. brevisubulatum* Presl."

Europe

Hordeum brevisubulatum (Trin.) Link, Linnaea 27: 391. 1843.

Based on "*Hordeum secalinum* var. *brevisubulatum* Trin." Sp. Gram. 1 (1828), tab. 4. *H. macilentum* Steud. Syn. Fl. Gram. 1: 352. 1854.

Dist.: Southeastern part of European U.S.S.R. (the Transvolga region), S. E. Iran, Pakistan, Central Asia, Tibet, Eastern Turkestan, Manchuria, Mongolia Siberia.

Exsicc. S. A. Bowes-Lyon 1032, Pakistan: Chitral: Turkho. "Closely allied to *H. turkestanicum* Nevski." See Bor, Grasses of Burma, Ceylon, India and Pakistan p. 699. 1960.

Hordeum brevisubulatum var. *puberulum* (Kryl.) Melderis in Norlinth, Fl. Mongol. Steppe & Des. Areas, Rep. Sci. Exped. North-western Prov. China, Dr. Sven Hedin, Publ. 31: 138. 1949 (Stockholm).

Based on *H. secalinum* var. *brevisubulatum* f. *puberulum* Krylov

Western Siberia

Hordeum bulbosum L. Cent. Fl. 2: 8. 1756; Moen. Aoad. 4: 304. 1759.

"Habitat in Italia, Oriente."

[Diagnosis and description: base, root and culm = *H. bulbosum* L. spike = *H. murinum* L.] fide C. E. Hubbard

Hordeum bulbosum Sieber ex Kunth, Enum. Fl. 1: 449. 1833, as syn. of *Secale creticum* L. Not *H. bulbosum* L. 1756.

Crete, Europe

Hordeum bulbosum var. *Bourgaei* Boiss. Fl. Orient.
5: 688. 1884.

"Hab. in graminosis circa Adalia (Bourg. 294)."
Asia Minor

Hordeum bulbosum var. *brevispicatum* Post, Fl. Syria,
Palestine & Sinai 903. [1896]

"Flanks of Hermon."
Syria

Hordeum bulbosum var. *genuinum* Maire & Weiller in Maire
Fl. Afr. Nord 3: 376. 1955.

"Type de l'espèce."

Hordeum bulbosum var. *Lycium* Aschers. & Graebn. Syn.
Mitteleur. Fl. 2: 734. 1902.

H. *Lycium* Boiss. cited, this, Boiss. Fl. Orient. .
5: 688. 1884, cited as syn. of *Hordeum bulbosum*
Bourgaei Boiss.

Bourgeau exs. 1860

[Lycia, Asia Minor]

Hordeum bulbosum var. *submuticum* Tausch 204: 114. 1837.

"in Creta (Sieber)"
Crete

Hordeum caducum Munro in Aitch. Journ. Linn. Soc. Bot.
18: 110, 1880, nom. nud.

"Karátigah and Serátigah, from 9000 to 11000ft."
Aitchison 815. Afghanistan

Hordeum caelestoides Heuzé, Fl. Alim. 1: 459. 1873,
as syn. of *Hordeum distichum nudum*.

Europe

Hordeum caeruleoens Heuzé, Fl. Alim. 1: 461. [1873].

"Cette orge est peu cultivée, parce qu'elle n'est
pas très-productive." No loc. given.

[France]

Hordeum caespitosum Scribn. Proc. Davenport Acad.
7: 245. May 4, 1899.

"Edgemont, South Dakota. No. 143. Pammel, June 24,
1897; also Geranium Park, Wyoming. No. 157, L. H.
Pammel, July 1897."

= H. *jubatum* var. *caespitosum* Hitchc.

Man. U. S.

Hordeum californicum Covas & Stebbins, Madrono 10: 5.
1949.

Grassy pasture, in alluvial soil from shale and
granitic formations, altitude 1700 feet (520 m.);
foot of Haystack Hill, Hastings Reservation, James-
burg, Monterey County, California, May 15, 1948,
G. L. Stebbins 3944 (UC 754600; isotypes, NY, OH,
US, DS, UC-D).

Man. U. S.

Hordeum canadense (L.) Aschers. & Graebn. Syn.
Mitteleur. Fl. 2: 745. 1902.

Based on "*Elymus canadensis* L."

=

Man. U. S.

Canada (Kalm)

Hordeum capense Thunb. Prodr. Fl. Cap. 23. 1794.

"Fromontorio Bonae Spei Africes....collegit Carol.
Pet. Thunberg."

= H. *secalinum* - fide Stapf.

Hordeum caput-medusae Coss. & Dur. Expl. Sci. Alg. 2: 198.
1855.

Based on *Elymus caput-medusae* L.

Lusitaniae, Hispaniae Man. U. S.

Hordeum caput medusae var. *asperum* (Degen) Fom. & Wor.
ex Fedtsch. Bull. Jard. Bot. Pierre Grand 14 (Suppl.
2): 100. 1915.

Based on H. *asperum* Degen

= *Elymus caput-medusae*

Hungary

Hordeum caput-medusae ssp. *crinitum* (Schreb.) Thellung,
Mém. Soc. Sci. Nat. Cherbourg 38: 164. 1912.

Given in above as if published in Aschers. & Graebn.
Syn. Mitteleur. Fl. 2: 744. 1902, but not made
there.

Presumably based on *Elymus crinitus* Schreb.

Europe

Hordeum caput-medusae ssp. *crinitum* var. *intercedens*
(Hausskn.) Thell. Mém. Soc. Sci. Nat. Cherbourg
38: 164. 1912.

Based on H. *intermedium* var. *intercedens* Hausskn.
"(Hausskn. 1899 sub H. *intermedio*)" cited.

Algeria

Hordeum cartilagineum Moench. Meth. Fl. 199. 1794.

"*Elymus virginicus* L." cited.

"Plantas hortenses"

Man. U. S.

Hordeum caspicum Regel, Bull. Appl. Bot. 8: 1503.
1915, without descr.

"races of winter cultivated barley"
Bur. Bot. Appl. Russia-Exp. Sta.

U.S.S.R.

Hordeum chevalieri Regel, Bull. Appl. Bot. 8: 1505.
1915.

"races tardives parmi les races distiques"

late among 2 rowed.

Bur. Bot. Appl. Russia Exp. Sta.

U.S.S.R.

Hordeum chilense Roem. & Schult. Syst. Veg. 2: 796.
1817.

"In Chili. Dedit amicis. Zea inscriptum *Hordeum*
Sp. nov. e Chili."

Chile

Hordeum chilense Brongn. in Duperr. Voy. Coq. Bot. 2:
54. 1831. Not Roem. & Schult. 1817.

"Loc.: Prés de la ville de la Concepcion, au Chili."

Hordeum chilense var. *compressum* (Griseb.) Haum. Anal.
Mus. Nac. Hist. Nat. Buenos Aires 28: 276. pl. 10.
fig. B. 1916.

Based on H. *compressum* Griseb.

Cordoba [Lorentz, Coll.]

Argentina

Hordeum chilense var. *muticum* (Presl.) Haum. Anal. Mus.
Nac. Hist. Nat. Buenos Aires 28: 273. pl. 10. 1916.

Based on H. *muticum* Presl.

= H. *muticum* Presl.

Andes Gr.

Peru - Haenke, Coll.

Hordeum chilense var. *pseudosecalinum* Haum. Anal. Mus.
Nac. Hist. Nat. Buenos Aires 28: 272. 1916.

"Ex emplaies étudiés. - Rancagua, leg. Bertero, en
1828 (Herb. Mus. Santiago, sub H. *secalinum*);
Coilum (?) près de Puerto Montt (ibid.); Juan Ber-
nández (ibid.); Concon près Valparaíso (Herb. P.
Kurtz), sub H. *secalinum*, det. R. A. Philippi."

Chile

Hordeum ciliatum Gilib. Exer. Phyt. 2: 520. 1790.

"*Hordeum murinum* L.circa Grodnam [Lithuania]..
Lugdunea" cited. [Lyons, France in herb.]

Lithuania

Hordeum ciliatum Lam. Encyc. 4: 604. [1798?]

Not Gilib. 1790.

"Cette plante a été communiquée par M. Vahl au
C. Lamarck: elle est originaire d'Italie."

[referred to *Triticum villosum* in Aschers. & Graeb.]

Hordeum coeleste Vib. ex Schuebl. Diss. Inaug. Bot.
36, 39. 1818.

"In Württembergia hucusque parum aut plane non per
agros plantatur; propter muda semina & praestantia
dignum est, quod majore plantetur copia."

Germany

Hordeum coeleste var. *barbatum* Ser. Descr. Fig. Cér.
Eur. 351. pl. 4. 1841.

Europe

Hordeum coeleste trifurcatum Schlecht. Linnaea 11: 543.
1837.

Cult. Gart. zu Halle aus Montpellier

[France]

Hordeum coeruleoens Heuzé, Fl. aliment. 1: 461. 1873.
Nicht Ser. not verified

Cited by Koern. Zeitschr. Gesamm. Brauw. 5: 183.
1882.

Europe

Hordeum colohicum Regel, Bull. Appl. Bot. 8: 1505.
1915.

Grouped under: "orges distiques - races mi-précoces"
or
2-rowed barley-rather early

Bur. Bot. Appl. Russia Exp. Sta.

U.S.S.R.

Hordeum coleophorum Phil. Anal. Univ. Chile 94: 346.
1896.

"In arena litorea prope Algarrobo in provincia
Santiago April 1881 legi, in praedio Renaico
Araucaniae Martio 1887."

Chile

Hordeum commune Beauv. Ess. Agrost. 165, 1812, as syn.
of *Zoeriton commune* Beauv. nom. nud.

Hordeum comosum Presl, Rel. Haenk. 1: 327. (1830)

Chili

Hordeum comosum var. *flavescens* Desv. in Gay, Fl. Chil.
6: 461. 1853.

"Cordillera de San Fernando en el Rio Tinguiririca (Meyen). En el Estrecho de Magallanes, Puerto del Hambre (King); y en el Rabra Pecket (Le Guillou)."

Chile [T Gay 1118]

Hordeum comosum var. *humilis* Desv. in Gay, Fl. Chil.
6: 461. 1853.

"En copas espesas encima de las colinas y en las llanuras de las Cordilleras de dos Patos, provincia de Coquimbo (Gay)."

Chile T [Gay 1117]

Hordeum comosum var. *pubiflorum* (Hook.) Thell. Vierteljahrs. Nat. Ges. Zürich 64: 715. 1919.

Based on *H. pubiflorum* Hook.

Chile Port
Strait of Magalhaens; Famine, Capt. King

Hordeum comosum var. *rigida* Desv. in Gay, Fl. Chil.
6: 461. 1853.

"Rio Colchagua, en la Cordillera de Tinguiririca (Gay)."

Chile T [Gay]

Hordeum complanatum Beauv. Ess. Agrost. 115. 1812, nom. nud.

Hordeum compressum Griseb. Abh. Ges. Wiss. Göttingen 19: 249. 1874.

"Cordoba, ad aquaeductus"

Argentina [Lorentz, Coll.]

T Lorentz 524

T

Hordeum compressum Boiss. & Orph. ex Boiss. Fl. Orient. 5: 681. 1884, Not Griseb. 1874. as syn. of *Lolium rigidum* var. *compressum* Boiss.

"in Sched." No citation for syn., probably not published.

Hordeum compressum X *H. stenostachys* Covas, Rev. Argent. Agron. 17: 78. f. 1. 1950.

Cross made "en el campus de la Universidad de California, Berkeley."

Hordeum compressum var. *superatum* Hack. ex Stuck. Ann. Mus. Nac. Buenos Aires 13: 531. Dec. 1906.

Stuckert: herb. arg. no. 15, 326 eot. 19. XII. 1905 oerocinas de Rio IV.

Prov. Córdoba, Argentine

Hordeum compressum f. *tenuspilatum* Hack. in Stuckert in Kneucker Allg. Bot. Zeitschr. 12: 131. 1906. [July, August]

Kneuck. Gram. Exs. no. 598, Córdoba, Argentina, Stuckert, nom. semi nud.; as new Stuckert, Ann. Mus. Nac. Buenos Aires 13: 531. 1906 [Dec.] Stuckert Herb. Argentine 15285. T. - Prov. Córdoba

Hordeum orinitum (Schreb.) Desf. Fl. Atlant. 1: 113. 1798.

Based on *Elymus orinitus* Schreb.

Georgia, Russia

Hordeum orinitum St. Lager, in Carlot, Etud. des. Fl. VIII. 2: 910. 1889. in obs.

Europe

Hordeum cylindricum Murr. Prod. Götting. 43. 1770.

Cites: "Hall. Hist. n. 1537." Göttingae

= *H. europaeum* All.

Hordeum cylindricum Steud. Syn. Fl. Glum. 1: 353. 1854. Not Murr. 1770.

"Hrbr. Leohler. nr. 694 Corral Valdiviae"

Chile

Hordeum cylindricum St. Lager. in Carlot Etud. des. Fl. VIII. 2: 909. 1889 in obs. Not Murr. 1770 nor Steud. 1854.

Europe

Hordeum daghestanicum Alexeenko, Sched. Herb. Fl. Ross. 4: 29. 1902.

"Caucasus, prov. Daghestan, distr. Awaricum prope pagum Gimri (Genu)...5 Jun. 1901. Legit Th. Alexeenko"

[Herb. Fl. Ross. No. 998]

Russia Europe

Hordeum daghestanicum var. *gracile* Grossh. & Sosnowsky, Monit. Jard. Bot. Tiflis 46/47: 45. 1919.

"Hab. in pr. Kars, distr. Olty, in declivibus lapidosis. A. D. Sosnowsky lecta.--Typus in Herbario Hort. Tiflis."

U.S.S.R.

Hordeum decaisneanum Hort. ex Hook. f. Fl. Brit. Ind. 7: 372. 1896, as syn. of *Hordeum spontaneum* C. Koch

India

Hordeum decaisnei Hort. Par. ex Boiss. Fl. Orient. 5: 686. 1884, as syn. of *Hordeum ithaburense* Boiss.

Hordeum decipiens var. *atratum* K. H. [Karl Hansen] ex Beaven, Jour. Fed. Inst. Brewing 8: 579. 1902.

K. H. refers to Karl Hansen, of Lyngby near Copenhagen who Beaven says sent him "a large number of the specimens of the rarer varieties of barley."

= *H. deficiens* steudelii acc. Harlan

Hordeum decipiens var. *furcato* macrolepis Karl Hansen ex Beaven, Jour. Fed. Inst. Brewing 8: 579. 1902.

K. H., Karl Hansen of Lyngby, near Copenhagen, who Beaven says in his introd. sent "a large number of the specimens of the rarer varieties of barley." On p. 580 Beaven says, "Those with the affix K. H. are, I believe results of crosses by Mr. Hansen, but I have no information of their parentage."

Cult.

Hordeum decipiens var. *leucocarpum* Karl Hansen ex Beaven, Jour. Fed. Inst. Brewing 8: 579. 1902.

K. H., Karl Hansen of Lyngby, near Copenhagen, who Beaven says in his introd. sent "a large number of the specimens of the rarer varieties of barley." On p. 580 Beaven says, "Those with the affix K. H. are, I believe, results of crosses by Mr. Hansen, but I have no information of their parentage."

Cult.

Hordeum decipiens var. *monstrosum* Karl Hansen, ex Beaven, Journ. Fed. Inst. Brewing 8: 579. 1902.

"K. H., Karl Hansen of Lyngby near Copenhagen, who Beaven in his introd. says sent him "a large number of the specimens of the rarer varieties of barley."

= "*H. deficiens* gymnospermum" fide Harlan

Hordeum decipiens var. *serratum* Karl Hansen ex Beaven, Jour. Fed. Inst. Brewing 8: 579. 1902.

Karl Hansen of Lyngby near Copenhagen who Beaven in his introd. says sent him "a large number of the specimens of the rarer varieties of barley."

= "synonym for *H. deficiens sublatum*" fide Harlan

Hordeum decipiens var. *sub-glabrum* Karl Hansen ex Beaven, Jour. Fed. Inst. Brewing 8: 579. 1902.

K. H., Karl Hansen of Lyngby, near Copenhagen, who Beaven says in his introd. sent "a large number of the specimens of the rarer varieties of barley." On p. 580 Beaven says, "Those with the affix K. H. are, I believe, results of crosses by Mr. Hansen, but I have no information of their parentage."

Cult.

Hordeum decipiens var. *violascens* Karl Hansen ex Beaven, Jour. Fed. Inst. Brewing 8: 579. 1902.

K. H., Karl Hansen of Lyngby, near Copenhagen, who Beaven says in his introd. sent "a large number of the specimens of the rarer varieties of barley." On p. 580 Beaven says, "Those with the affix K. H. are, I believe, results of crosses by Mr. Hansen, but I have no information of their parentage."

= synonym for *H. distichum palmella canescens* fide Harlan

Hordeum decipiens var. *vivescens* Karl Hansen, ex Beaven, Jour. Fed. Inst. Brewing 8: 579. 1902.

K. H. Karl Hansen of Lyngby, near Copenhagen who Beaven says in his introd. sent "a large number of the specimens of the rarer varieties of barley." On p. 580 Beaven says, "Those with the affix K. H. are, I believe, results of crosses by Mr. Hansen, but I have no information of their parentage."

Europe

Hordeum De-Degeni Lojac. Fl. Sicul. 3: 363. pl. 15. f. 3. 1909.

"---M. S. Calogero, (Termini) Reina! Aprile 1869 in Herb. Pan!----

Sicily

Hordeum defectoides Regel, Bull. Appl. Bot. 8: 1503. 1915, without descr.

"selon l'inclination à ne pas former le grain dans tous les épillets fertiles."

2 - rowed?
Bur. Bot. Appl. Exp. Sta.
Spoken of as "race."
"winter cultivated barley"

Cult.

Hordeum deficiens Steud. ex A. Braun, Del. Sem. Hort. Frib. 2. 1848.

[Seed list, not verified]

Germany

Hordeum deficiens decortiatum (Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 21. 1918.

"*Hordeum vulgare* Gruppe IV *Hordeum distichum* var. *decortiatum* Koern."

"R 1. = X *H. vulgare* var. *trifurcatum* Schl. und *H. distichum* var. *steudelii* Koern. (Koern. Hauptsach. Form. Saatgerste p. 8. 1895)

Hordeum deficiens decortiatum [subv.] *subdupliatum* (Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 21. 1918.

Harlan cites under above trinomial "*subdupliatum* Körnicke (as var., 1908, p. 434)." This refers to Koern. Arch. Biologie 2: Given here as: *Hordeum sativum* Gruppe IV *Hordeum distichum* var. *subdupliatum* Koern.

Cult.

Hordeum deficiens decortiatum subv. *typica* Harlan, U. S. Dept. Agr. Bull. 622: 21. 1918.

Cult.

Hordeum deficiens deficiens Harlan, U. S. Dept. Agr. Bull. 622: 20. 1918.

Harlan cites: "Steudel (1854, p. 351)", after above but Steudel published only the species.

Cult.

Hordeum deficiens deficiens [subv.] *abyssinicum* (Ser.)

Harlan, U. S. Dept. Agr. Bull. 622: 21. 1918.

Harlan cites "abyssinicum Seringe (as var., 1842, p. 194; modified, Körnicke, 1882, p. 202)."

Based on *Hordeum distichon abyssinicum* Ser.

"In Abessinien: Sigam Sellha Farres." [place given by Koern.]

Hordeum deficiens var. *deficiens* subv. *coloratum*

Ciferri, Nuovo Giorn. Bot. Ital. n. ser. 47: 430.

1940, keyed out in Italian; Atti Ist. Bot. R. Univ.

Pavia V. 2: 185. 1944, short Latin descr.

Italy

Hordeum deficiens deficiens [subvar.] *pseudoabyssinicum* (Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 21.

1918.

Harlan cites "pseudoabyssinicum Körnicke (as var., 1908, p. 432)." This refers to Koern. Arch. Biontologie 2: cited here as: *Hordeum sativum* Gruppe IV. *Hordeum distichum* var. *pseudoabyssinicum* Koern.

"Ursprung unbekannt. Erhalten von A. Atterberg."

[Cult.]

Hordeum deficiens deficiens [subv.] *rehmii* (Koern.)

Harlan, U. S. Dept. Agr. Bull. 622: 21. 1918.

Harlan cites "rehmii Körnicke (as var., 1895, p. 10)." This refers to Koern. Die Hauptsach. Form. Saatgerste, Given here as:

Hordeum vulgare Gruppe IV. *Hordeum distichum* var. *rehmii* Koern.

Cult.

"Dr. E. Rehm fand sie unter Chevalier gerste (H. dist. nutans), welcher seit mehreren Jahren einige Stöcke der vierzeiligen Gerste beigemischt waren."

Hordeum deficiens deficiens [subv.] *subinerme* (Koern.)

Harlan, U. S. Dept. Agr. Bull. 622: 21. 1918.

Harlan cites "subinerme Körnicke (as var., 1895, p. 8)." This refers to Koern. Die Hauptsach. Form. Saatgerste, Cited here as:

Hordeum vulgare Gruppe IV *Hordeum distichum* var. *subinerme* Koern.

Cult.

Hordeum deficiens deficiens [subv.] *typica* Harlan,

U. S. Dept. Agr. Bull. 622: 20. 1918.

Cult.

Hordeum deficiens gymnospermum (Koern.) Harlan, U. S.

Dept. Agr. Bull. 622: 22. 1918.

Based on *Hordeum vulgare* Gruppe IV *Hordeum distichum* var. *gymnospermum* Koern. Harlan cites: "Körnicke (1895, p. 11)" [Koern. Hauptsach. Form. Saatgerste]. On p. 11 var. *gymnospermum* Koern. is given under "Vierte Gruppe *Hordeum distichum* L." which is under "H. vulgare L. sensu latiore."

"R. 1 = X H. vulgare var. *trifurcatum* Schl. ♂ und H. distichum var. *Steudelii* Koern. ♀." (Koern. op. cit. 8.)

Cult.

Hordeum deficiens gymnospermum var. *typica* Harlan,

U. S. Dept. Agr. Bull. 622: 22. 1918.

Cult.

Hordeum deficiens nudideficiens (Koern.) Harlan, U. S.

Dept. Agr. Bull. 622: 21. 1918.

Harlan cites: "Körnicke (1895, p. 11)" [Körnicke. Hauptsach. Form. Saatgerste]. On p. 11 var. *nudideficiens* Koern. is given under "Vierte Gruppe. *Hordeum distichum*", which is under H. vulgare L. sensu latiore." *Hordeum vulgare* Gruppe IV. *Hordeum distichum* var. *nudideficiens* Koern.

Cult.

Hordeum deficiens nudideficiens [subv.] *subdupialbum*

(Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 21.

1918.

Harlan cites under above trinomial "subdupialbum Körnicke (as var., 1908, p. 434)." This refers to Koern. Arch. Biontologie 2: Given here as *Hordeum sativum* Gruppe IV *Hordeum distichum* var. *subdupialbum* Koern.

Cult.

Hordeum deficiens nudideficiens var. *typica* Harlan,

U. S. Dept. Agr. Bull. 622: 21. 1918.

Cult.

Hordeum deficiens nudideficiens [subv.] *viviscens*

(K. H. ex Beaven) Harlan, U. S. Dept. Agr. Bull.

622: 21. 1918.

Harlan cites under above trinomial "viviscens Karl Hansen in Beaven (as var. 1902, p. 579)." This refers to Beaven, Journ. Fed. Inst. Brewing 8:

Based on *Hordeum decipiens* var. *viviscens* K. H. ex Beaven.

*Karl Hansen of Lyngby near Copenhagen sent Beaven "a large number of the specimens of the rarer varieties of barley."

Hordeum deficiens Steudelii (Koern.) Harlan, U. S.

Dept. Agr. Bull. 622: 21. 1918.

Harlan cites: "Koern. (1882, p. 206)." This refers to Koern. Zeitschr. Gesamte Brauw. 5: Given here as:

Hordeum vulgare IV gruppe *distichum* var. *Steudelii* Koern. [In Koern. & Wern. Handb. Getreideb. *Hordeum distichum* var. *Steudelii* Koern.]

Cult.

"In Abessinien angebaut und von W. Schimper gesammelt; jetzt in unseren botanischen Garten."

Africa

Hordeum deficiens steudelii [subv.] *leiomaacrolepis*

(Regel) Harlan, U. S. Dept. Agr. Bull. 622: 21.

1918.

Harlan cites under above trinomial "leiomaacrolepis Regel (as var. 1908, p. 78)." This refers to Regel. Bur. Angew. Bot. Jahrg. 1, no. 2, p. 78. 1908. This refers to: *Hordeum distichum* var. *leiomaacrolepis* Regel.

Cult.

Hordeum deficiens steudelii [subv.] *macrolepis* (A. Br.)

Harlan, U. S. Dept. Agr. Bull. 622: 21. 1918.

Based on *Hordeum macrolepis* A. Br.

Cult.

Hordeum deficiens Steudelii [subv.] *subdecussatum*

(Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 21.

1918.

Harlan cites "subdecussatum Körnicke (as var., 1895, p. 8)" under above trinomial. This refers to Koern. Die Hauptsach. Form. Saatgerste Published here as: *Hordeum vulgare* [Gruppe IV. *Hordeum distichum*] var. *subdecussatum* Koern.

Koern. disregards these group names in index to his Handb. Getreideb.

Cult.

Hordeum deficiens steudelii [subv.] *subglabrum* Karl

Hansen ex Beaven) Harlan, U. S. Dept. Agr. Bull.

622: 21. 1918.

Harlan cites under above trinomial "subglabrum Karl Hansen in Beaven (as var. 1902, p. 579)." This refers to Beaven, Journ. Fed. Inst. Brewing 8: Given here as: *Hordeum decipiens* var. *subglabrum* Karl Hansen ex Beaven.

Karl Hansen who Beaven in his introd. says sent him a large number of the rarer varieties of barley.

Hansen's residence, Lyngby near Copenhagen.

Hordeum deficiens Steudelii subv. *typica* Harlan,

U. S. Dept. Agr. Bull. 622: 21. 1918.

Cult.

Hordeum deficiens subluxum (Koern.) Harlan, U. S.

Dept. Agr. Bull. 622: 22. 1918.

Harlan cites "Körnicke (1908, p. 433)" after above. This refers to Koern. Arch. Biontologie 2: Given here as: *Hordeum sativum* (Gruppe IV. *Hordeum distichum*) var. *subluxum* Koern.

Koern. disregards these Gruppe names in his Index to Handb. Getreideb.

Cult.

Hordeum deficiens subluxum subv. *typica* Harlan, U. S.

Dept. Agr. Bull. 622: 22. 1918.

Cult.

Hordeum deficiens var. *tricolor* subvar. *decoloratum*

Ciferri, Nuov. Giorn. Bot. Ital. n. ser. 47: 430.

1940, keyed out in Italian; Atti Ist. Bot. R. Univ.

Pavia V. 2: 185. 1944, short Latin descr.

Cult.

Hordeum deficiens tricolor [err. for *tricolor*] (Koern.)

Harlan, U. S. Dept. Agr. Bull. 622: 15, 21. 1918.

Harlan cites: "Hordeum deficiens tricolor Körnicke (1895, p. 11)." [*There is no "tricolor" on this p. but *tricolor* Koern. probably intended.]

Based on: *Hordeum vulgare* [Vierte Gruppe *Hordeum distichum* var. *tricolor* Koern.]

*Koern. Hauptsach. Form. Saatgerste, 1895.

Koern. disregards these group names in his Index to Handb. Getreideb.

Hordeum deficiens tridax (Koern.) Harlan, U. S. Dept.

Agr. Bull. 622: 21. 1918.

Harlan cites: "Körnicke (1895, p. 11)." [Koern. Hauptsach. Form. Saatgerste 1895.] Koern. gives var. *tridax* under "Vierte Gruppe. *Hordeum distichum*", which is under *Hordeum vulgare* L. sensu latiore. *Hordeum vulgare* (Gruppe IV *Hordeum distichum*) var. *tridax* Koern.

R. 1 = Kreuzungen des H. vulgare var. *trifurcatum* Schl. ♂ und H. distichum var. *Steudelii* Koern. ♀. (Koern. 1895, p. 8.)

*Koern. Hauptsach. Form. Saatgerste, 1895.

Koern. disregards these group names in Index to Handb. Getreideb.

Cult.

Hordeum deficiens tridax subv. *typica* Harlan, U. S.

Dept. Agr. Bull. 622: 21. 1918.

Cult.

Hordeum delileanum (Schult.) Haek. in Engl. & Prantl.

Naturl. Pflanzenfam. 2: 88. 1887.

Based on *Elymus delileanus* Schult.

Orient.

Hordeum delphicum Gandog. Oesterr. Bot. Zeit. 31: 46. 1881.

Grascia

Hordeum depauperatum Steud. Syn. Fl. Glum. 1: 359. 1854.

"Bert. hrbr. nr. 789. U.S.

T.

Chili

Hordeum depilatum Gandog. Oesterr. Bot. Zeit. 31: 46. 1881.

Suecia

Hordeum depilatum Gandoger, Bot. Not. 1881: 157. 1881.

"Hab. Suecia in Scania (Dr. C. Reuterman)."

Sweden

Hordeum depressum (Scribn. & Smith) Rydb. Bull. Torrey Club 36: 539. 1909.

Based on *Hordeum molosum* var. *depressum* Scribn. & Smith.

Oregon, Leiberg 39.

Man. U. S.

Hordeum dilatatum Gandog. Oesterr. Bot. Zeitschr.

31: 46. 1881. Anglia

31: 47. 1881. Italy

Hordeum distichon L. Sp. Pl. 85. 1753.

"Habitat-----"

Cult.

Man. U. S.

Hordeum distichon var. *abyssinicum* Ser. Cér. Eur. 194. 1841.

Cult.

Abyssinia

= *H. deficiens* fide Harlan

Hordeum distichon var. *angustispicatum* (Koern.)

Harlan, U. S. Dept. Agr. Bull. 622: 19. 1918.

Harlan cites "Körnike (1895, p. 11)" [Koern. Hauptsach: Form. Saatgerste]. Koern. gives this var. *angustispicatum* under Vierte Gruppe *Hordeum distichon* L. which is given under "*Hordeum vulgare* L. sensu latiore."

Based on *Hordeum vulgare* [Gruppe IV *Hordeum distichon* var. *angustispicatum* Koern.]

Koernicke disregards these group names in his Index to Handb. Getreideb.

Hordeum distichon var. *angustispicatum* subv. *furcatum*

zeoriton (Karl Hansen ex Beaven) Harlan, U. S.

Dept. Agr. Bull. 622: 19. 1918.

Harlan cites "K. H. in Beaven (as var., 1902, p. 578)." This refers to Beaven, Jour. Fed. Inst. Brew. 8:

Based on *Hordeum zeoriton* var. *furcatum* zeoriton Karl Hansen.

Hordeum distichon var. *angustispicatum* subv. *koernickei*

(Karl Hansen ex Beaven) Harlan, U. S. Dept. Agr.

Bull. 622: 20. 1918.

Harlan cites "K. H. in Beaven (as var., 1902, p. 579)." This refers to Jour. Fed. Inst. Brewing 8: 579. 1902. Given here as: *Hordeum distichon* var. *Körnikei* K. H. ex Beaven

Cult.

Denmark

Hordeum distichon var. *angustispicatum* subv. *latispicatum*

(Koern.) Harlan, U. S. Dept. Agr. Bull.

622: 19. 1918.

Harlan cites "latispicatum Körnike (as var., 1895, p. 11)." This refers to Koern. Hauptsach. Form. Saatgerste. It is given here as: *Hordeum vulgare* [Gruppe IV. *Hordeum distichon* var. *latispicatum* Koern.]

Koern. disregards these group names in his Index to Handb. Getreideb.

Hordeum distichon var. *angustispicatum* subv. *typica*

Harlan, U. S. Dept. Agr. Bull. 622: 19. 1918.

Cult.

Hordeum distichon asedum Borb. ex Jav. Magyar Fl.

1: 116. 1924, desor. in Hungarian

Europe

Hordeum distichon densum Ser. Desor. Fig. Cer. Eur.

357. pl. 6. f. 2, 3. 1841.

"sur les montagnes de la Suisse."

"Used for subvarieties under both *hexastichon* and *distichon*" fide Harlan.

Hordeum distichon var. *erecta* Schuebl. Diss. Inaug.

Bot. 36, 41. 1818.

"Cerealium in Horto Academico Tubingensi et in Wurtembergia cultorum" from title.

Cult.

Germany

Hordeum distichon var. *erectum* Link, Handb. Gewachs.

1: 8. 1829.

Cult.

Hordeum distichon laxum (Koern.) Harlan, U. S. Dept.

Agr. Bull. 622: 20. 1918.

Harlan cites "Körnike (1895, p. 7)." This refers to Koern. Die Hauptsach. Form. Saatgerste. Given here as: *Hordeum vulgare* (Gruppe IV *Hordeum distichon*) var. *laxum* Koern.

Koern. does not give the group name in his Index to Handb. Getreideb.

Cult.

"von der Handelsgartnerei Haage & Schmidt in Erfurt"

Germany

See var. *laxum* Ser. Cat. Jard. Lyon 8(1839); Ser. Desor. Fig. Cér. Eur. 356. pl. 6. f. 1. 1841.

Hordeum distichon var. *laxum* Ser. Cat. Jard. Lyon 8

(1839); Ser. Desor. Fig. Cér. Eur. 356. pl. 6. f. 1.

1841.

Europe

[Aschers. & Graeb. cite *H. distichon* var. *laxum* Ser. as syn. of *H. distichon* L. *vulgatum*]

Hordeum distichon laxum subv. *densum* (Koern.) Harlan,

U. S. Dept. Agr. Bull. 622: 20. 1918.

Harlan cites "densum Körnike (as var., 1895, p. 11)." This refers to Koern. Die Hauptsach. Form. Saatgerste. Given here as: *Hordeum vulgare* [Gruppe IV. *Hordeum distichon*] var. *densum* Koern.

Koern. does not give the Gruppe name in his Index to Handb. Getreideb.

Cult.

Hordeum distichon laxum [subvar.] *typica* Harlan,

U. S. Dept. Agr. Bull. 622: 20. 1918.

Cult.

Hordeum distichon nigricans Ser. Cér. Eur. 357. 1841.

Cites: "*Hordeum distichon* C. ... Metz. Eur. cer., p. 48 (1824)."

Hordeum distichon nigricans [subv.] *braunii* (Koern.)

Harlan, U. S. Dept. Agr. Bull. 622: 19. 1918.

Harlan cites "braunii Körnike (as var., 1882, p. 202)." This refers to Koern. Zeitschr. Gesamte Brauw. 5: It is given here as: *Hordeum vulgare* IV Gruppe *distichon* var. *Braunii* Koern.

"Die Varietät unterscheidet sich von var. *macrolepis* A. Br. nur durch die normalen Seitenährchen."

Cult.

Germany

Hordeum distichon nigricans subv. *contractum* (Koern.)

Harlan, U. S. Dept. Agr. Bull. 622: 19. 1918.

Harlan cites "contractum Körnike (as var., 1882, p. 198)." This refers to Koern. Zeitschr. Gesamte Brauw. 5: 198. 1882. Given here as: *Hordeum vulgare* Gruppe IV. *distichon* var. *contractum* Koern.

"Abessinien: Aura Zellimo und Zelimo-Hachem. - Von W. Schimper gesammelt im Herbarium A. Brauns."

Africa

Hordeum distichon nigricans subv. *decussatum* (Koern.)

Harlan, U. S. Dept. Agr. Bull. 622: 19. 1918.

Harlan cites "decussatum Körnike (as var., 1895, p. 8)." This refers to Koern. Die Hauptsach. Form. Saatgerste. It is given here as: *Hordeum vulgare* Gruppe IV. *Hordeum distichon* var. *decussatum* Koern.

Based on *H. vulgare* var. *decussatum* Koern.

Koern. does not give these Gruppe names in his Index to Handb. Getreideb.

Cult.

Hordeum distichon nigricans subv. *melanocrithum*

(Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 19.

1918.

Harlan cites "melanocrithum Körnike (as var., 1882, p. 200)." This refers to Koern. Zeitschr. Gesamte Brauw. 5: It is given here as *Hordeum vulgare* IV Gruppe *distichon* var. *melanocrithum* Koern.

"Von W. Schimper in Abessinien gesammelt im Berliner Herbarium."

Africa

Hordeum distichon nigricans subv. *mixtum* (Karl Hansen

ex Beaven) Harlan, U. S. Dept. Agr. Bull. 622: 19.

1918.

Harlan cites "mixtum K. H. in Beaven (as var., 1902, p. 578)." This refers to Beaven, Fed. Inst. Brew. 8: which is based on *Hordeum zeoriton* mixtum Karl Hansen ex Beaven.

Cult.

Denmark

Hordeum distichon nigricans subv. *persicum* (Koern.)

Harlan, U. S. Dept. Agr. Bull. 622: 19. 1918.

Harlan cites "persicum Körnike (as var., 1882, p. 196)." This refers to Koern. Zeitschr. Gesamte Brauw. 5:

It is given here as: *Hordeum vulgare* IV. Gruppe *distichon* var. *persicum* Koern.

unter persischen Weizen, welcher in Rotterdam als Handelsware ausgeschifft und mir von meinem Kollegen H. Werner überbracht wurde.

Hordeum distichon nigricans subv. *typica* Harlan, U. S.

Dept. Agr. Bull. 622: 19. 1918.

Cult.

X *Hordeum distichon* nigrilaxum Harlan, U. S. Dept.

Agr. Bull. No. 622: 20. 1918.

"cross of *hirsfordianum* and *nigrinudum*"

Cult.

Hordeum distichon nigrinudum Harlan, U. S. Dept. Agr.

Bull. No. 622: 20. 1918.

"form was isolated in 1909 from an importation of Abyssinian barleys."

Cult.

Hordeum distichon nigrinudum subv. *duploastrum* (Koern.)

Harlan, U. S. Dept. Agr. Bull. 622: 20. 1918.

Harlan cites "duploastrum Körnike (as var., 1895, p. 8)." This refers to Koern. Die Hauptsach. Form. Saatgerste. It is given here as: *Hordeum vulgare* [Gruppe IV. *Hordeum distichon*] var. *duploastrum* Koern.

Koern. does not give these Gruppe names in the Index to his Handb. Getreideb.

Hordeum distichon nigrinudum subv. *typica* Harlan, U. S.

Dept. Agr. Bull. 622: 20. 1918.

"coal black seeds"

cult. seed from Abyssinia. Africa

Hordeum distichon var. *nudum* L. Sp. Pl. 85. 1753.

No loc. given

Cult.

Hordeum distichon nudum subv. *duploalbum* (Koern.)

Harlan, U. S. Dept. Agr. Bull. 622: 20. 1918.

Harlan cites "duploalbum Körnike (as var., 1895, p. 8)." This refers to Die Hauptsach. Form. Saatgerste. It is given here as: *Hordeum vulgare* [Gruppe IV *Hordeum distichon*] var. *duploalbum* Koern.

Koern. does not give the Gruppe names in his Index to his Handb. Getreideb.

Cult.

Hordeum distichon nudum subv. *gymnocorithum* (Koern.)

Harlan, U. S. Dept. Agr. Bull. 622: 20. 1918.

Harlan cites "Gymnocorithum Körnicke (as var., 1895, p. 10)." This refers to Die Hauptsach. Form. Saatgerste; given here as: *Hordeum vulgare* (Gruppe IV. *Hordeum distichum*) var. *gymnocorithum* Koern.

Koern does not give these Gruppe names in his Index to Handb. Getreideb.

Cult.

Hordeum distichon nudum subv. *ianthinum* (Koern.)

Harlan, U. S. Dept. Agr. Bull. 622: 20. 1918.

Harlan cites: "ianthinum Körnicke (as var., 1895, p. 10)." This refers to Koern. Die Hauptsach. Form. Saatgerste. It is given here as: *Hordeum vulgare* [Gruppe IV. *Hordeum distichum*] var. *ianthinum* Koern.

Koern. does not give these Gruppe names in his Index to Handb. Getreideb.

Cult.

Hordeum distichon nudum subv. *neogenes* (Koern.)

Harlan, U. S. Dept. Agr. Bull. 622: 20. 1918.

Harlan cites "neogenes Körnicke (as var., 1895, p. 10)." This refers to Koern. Die Hauptsach. Form. Saatgerste 10. 1895. The var. is given here as: *Hordeum vulgare* [Gruppe IV. *Hordeum distichum*] var. *neogenes* Koern.

Koern disregards these Gruppe names in his Index to Handb. Getreideb.

Hordeum distichon nudum subv. *nudidubium* (Koern.)

Harlan, U. S. Dept. Agr. Bull. 622: 20. 1918.

Harlan cites "nudidubium Körnicke (as var., 1908, p. 431)." This refers to Koern. Aroh. Biontologie 2: Given here as: *Hordeum sativum* [Gruppe IV. *Hordeum distichum*] var. *nudidubium* Koern.

Koern. disregards these Gruppe names in his Index to Handb. Getreideb.

Ursprung unbekannt; erhalten von A. Atterberg.

Hordeum distichon nudum subv. *rossii* (Koern.) Harlan,

U. S. Dept. Agr. Bull. 622: 20. 1918.

Harlan cites "rossii Körnicke (as var., 1895, p. 10)." This refers to Die Hauptsach. Form. Saatgerste. It is given here as: *Hordeum vulgare* [Gruppe IV. *Hordeum distichum*] var. *rossii* Koern.

Koern disregards the Gruppe name in his Index to Handb. Getreideb.

"Unter Weizen von der abessinischen Ausstellung in Palermo 1892, welchen mir Dr. Hermann Ross schickte, befand sich ein Korn."

Cult.

Hordeum distichon nudum subv. *typica* Harlan, U. S.

Dept. Agr. Bull. 622: 20. 1918.

Cult.

Hordeum distichon var. *nutans* Schuebl. Diss. Inaug.

Bot. 36. 1818.

"Cerealium in Horto Academico Tubingensi et in Wurtembergia cultorum" from title

Cult. Germany

Hordeum distichum palmella Harlan, U. S. Dept. Agr.

Bull. No. 622: 18. 1918.

Cult.

Hordeum distichum var. *palmella* subv. *canescens* (Karl

Hansen ex Beaven) Harlan, U. S. Dept. Agr. Bull. 622: 19. 1918.

Based on *Hordeum distichum* var. *canescens* Karl Hansen ex Beaven.

Cult. Denmark

Hordeum distichum var. *palmella* subv. *dubium* (Koern.)

Harlan, U. S. Dept. Agr. Bull. 622: 19. 1918.

Harlan cites "dubium Körnicke (as var., 1908, p. 431)." Koernicke gives it as *Hordeum sativum* Gruppe IV *Hordeum distichum* var. *dubium*.

"Koern. Aroh. Biontologie 2:

Based on *Hordeum sativum* [Gruppe IV. *Hordeum distichum*] var. *dubium* Koern.

Cult.

"Ursprung unbekannt."

Koern. disregards the Gruppe names in his Index to Handb. Getreideb.

Hordeum distichum var. *palmella* subv. *erectum* (Schuebl.)

Harlan, U. S. Dept. Agr. Bull. 622: 18. 1918.

Harlan cites "erectum Schuebler (as var., 1818, p. 36)." This refers to Schuebl. Diss. Inaug. Bot.

Based on *Hordeum distichum* var. *erecta* Schuebl.

Hert. Acad. Tubingensi et in Wurtembergia cult.

Cult. Germany

Hordeum distichum var. *palmella* subv. *hypianthinum*

(Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 19. 1918.

Harlan cites: "hypianthinum Körnicke (as var., 1895, p. 10)." This refers to Koern. Die Hauptsach. Form. Saatgerste where it is given as var. of *Hordeum vulgare* [Gruppe IV. *Hordeum distichum*]

Based on *Hordeum vulgare* [Gruppe IV. *Hordeum distichum*] var. *hypianthinum* Koern.

Koern. disregards these Gruppe names in his Index to Handb. Getreideb.

Cult.

Hordeum distichum var. *palmella* subv. *inermis* (Koern.)

Harlan, U. S. Dept. Agr. Bull. 622: 19. 1918.

"Harlan cites "inermis Körnicke (as var., 1895, p. 8)." On p. 8 of Koern. Die Hauptsach. Form. Saatgerste var. *inermis* is given under *Hordeum vulgare* Gruppe IV. *Hordeum distichum*.

Based on *Hordeum vulgare* (Gruppe IV. *Hordeum distichum*) var. *inermis* Koern.

Cult.

Hordeum distichum var. *palmella* subv. *maerolysis*

(Karl Hansen ex Beaven) Harlan, U. S. Dept. Agr.

Bull. 622: 19. 1918.

Harlan cites "K. H. in Beaven (as var., 1902, p. 578)." Based on *Hordeum zeoriten* var. *maerolysis* K. H. ex Beaven.

Based on *Hordeum zeoriten* var. *maerolysis* K. H. ex Beaven.

Cult. Denmark

Hordeum distichum var. *palmella* subv. *medioum* (Koern.)

Harlan, U. S. Dept. Agr. Bull. 622: 19. 1918.

Harlan cites: "medioum Körnicke (as var., 1882, p. 195)." This is Koern. Zeitschr. Gesamte Brauw. 5:

Based on *Hordeum vulgare* IV Gruppe *distichum* var. *medioum* Koern.

Cult. ex Holland

Hordeum distichum var. *palmella* subv. *nutans* (Schuebl.)

Harlan, U. S. Dept. Agr. Bull. 622: 18. 1918.

Harlan cites "nutans Schuebler (as var. 1818, p. 36)." This refers to Schuebl. Diss. Inaug. Bot.

Based on *Hordeum distichum* var. *nutans* Schuebl.

Hert. Acad. Tubingensi et in Wurtembergia cult.

Cult. Germany

Hordeum distichum var. *palmella* subv. *rigens* (K. H.

ex Beaven) Harlan, U. S. Dept. Agr. Bull. 622: 19. 1918.

Harlan cites "rigens K. H. in Beaven (as var., 1902, p. 578)." Based on *Hordeum distichum* var. *rigens* K. H. ex Beaven.

Based on *Hordeum distichum* var. *rigens* K. H. ex Beaven.

Cult. Denmark

Hordeum distichum var. *palmella* subv. *zeoriten* (L.)

Harlan, U. S. Dept. Agr. Bull. 622: 18. 1918.

Based on *Hordeum zeoriten* L.

source unknown.

Hordeum distichum ramosum Ser. Desor. Fig. Cér. Bur.

358, pl. 6. f. 4. 1841.

- "a compound *distichum*" fide Harlan.

Hordeum distichum rimpaii (Wittm.) Harlan, U. S. Dept.

Agr. Bull. 622: 20. 1918.

Based on: *Hordeum vulgare* (Gruppe IV. *Hordeum distichum*) var. *rimpaii* Wittm.

Harlan cites: "Koern. 1895, p. 11" [Koern. Hauptsach. Form. Saatgerste 7, 11. 1895.] Koern. gives "var. *Rimpaii* Wittm." under "Vierde Gruppe *Hordeum distichum* L." which is given under *Hordeum vulgare* L. "sensu latiore."

Koern. does not give the Gruppe name in his Ind. to Handb. Getreideb.

Cult.

Hordeum distichum var. *vulgatum* Link, Hert. Berol.

1: 20. 1827.

Cites: *H. distichum* L. W. E. 1. 1038 etc.

Hab.

Hordeum distichum var. *zeoriten* (L.) Hayek, Report.

Sp. Nev. Fedde Beih. 30: 233. 1932.

[*Hordeum distichum* is given under numbered sp., *H. spontaneum* in finer type]

Based on: "H. Z. L. Sp. 85" [*Hordeum zeoriten* L.]

Hordeum distichum Gruppe name

See also *Hordeum vulgare* Gruppe *distichum sativum*

Hordeum distichum var. *atterbergianum* Regel, Bull.

Bur. Angew. Bot. St. Petersb. 2: 81. 1908.

[cultivated]

= *H. deficiens steudelii* subglabrum fide Harlan

Hordeum distichum var. *atterbergianum* subv. *altius*

Regel, Bull. Bur. Angew. Bot. St. Pétersb. 2: 82. 1908.

[cultivated]

Hordeum distichum var. *atterbergianum* subv. *humilius*

Regel Bull. Bur. Angew. Bot. St. Pétersb. 2: 81. 1908.

[cultivated]

Hordeum distichum var. *atterbergianum* subv. *neglectum*

Regel, Bull. Bur. Angew. Bot. St. Pétersb. 2: 82. 1908.

[cultivated]

Hordeum distichum var. *aurantiacum* Baum, Bull. Appl. Bot. (Russian)

16(3): 186. 1926, without descr.

"Analogous to *H. distichum* var. *medioum* Korn."

[Russia]

Hordeum distichum var. *aurantiospiculatum* Baum, Bull.

Appl. Bot. (Russian) 16(3): 186. 1926, without descr.

"Analogous to *Hordeum distichum* var. *angustispiculatum* Korn."

[Russia]

Hordeum distichum ? var. *bicolor* Baum. Bull. Appl.

Bot. (Russian) 16(3): 186. 1926, without descr.

"Corresponding to *Hordeum distichum* var. *persicum* Korn."

[Russia]

Hordeum distichum var. *oemescens* Karl Hansen ex

Beaven, Jour. Fed. Inst. Brewing 8: 578. 1902.

K. H., Karl Hansen of Lyngby, near Copenhagen, who Beaven says in his introd. sent "a large number of the specimens of the rarer varieties of barley." On p. 580 Beaven says, "Those with the affix K. H. are, I believe, results of crosses by Mr. Hansen, but I have no information of their parents."

Cult. Denmark

Hordeum distichum var. *coeleste* (L.) Coutinho, Bol.

Soc. Broteriana II. 10: 62. 1935.

"(P. Beauv.)" cited. Presumably based on *H. distichum* var. *coeleste* L.

Hordeum distichum var. *corticatum* Doell. in Mart. Fl.

Bras. 23: 230. 1880.

"Colitur" cult. Brazil

Hordeum distichum subv. *deficiens* rarum Menabde, Trudy

Tbiliss. Botanichesk. Inst. (Trav. Inst. Bot.

Tbilissi) (Tiflis) 6: 225. f. 12. 1938.

[article in Russian with English summary]

Georgia. Transcaucasia. Asia

Hordeum distichum var. *eingens* Karl Hansen ex Beaven,

Jour. Fed. Inst. Brewing 8: 579. 1902.

Cult. Denmark

= *H. distichum* *rimpaui* fide Harlan

Hordeum distichum var. *glabrum* Karl Hansen ex Beaven,

Jour. Fed. Inst. Brewing 8: 578. 1902.

Cult. Denmark

Hordeum distichum subv. *heterolepis* *multiaristatum*

Menabde, Trudy Tbiliss. Botanichesk. Inst. (Trav. Inst. Bot. Tbilissi) (Tiflis) 6: 222. f. 8. 1938.

[in Russian with English summary]

Georgia. Transcaucasia. Asia

Hordeum distichum var. *hexastichum* (L.) Coutinho, Bol.

Soc. Broteriana II. 10: 62. 1935.

Presumably based on *H. hexastichum* L.

Hordeum distichum hybridum Karl Hansen ex Beaven, Jour.

Fed. Inst. Brewing 8: 579. 1902.

Cult. Denmark

Hordeum distichum var. *kératikei* Karl Hansen ex Beaven,

Jour. Fed. Inst. Brewing 8: 579. 1902.

Cult. Denmark

Hordeum distichum var. *leiomaurolepis* Regel, Bull.

Bur. Angew. Bot. St. Pétersb. 2: 82. 1908.

[cultivated]

Hordeum distichum var. *leiomaurolepis* subv. *africanum*

Regel, Bull. Bur. Angew. Bot. St. Pétersb. 2: 82.

1908.

[cultivated]

Hordeum distichum var. *medium* subv. *decoloratum* Regel,

Bull. Bur. Angew. Bot. St. Pétersb. 2: 81. 1908.

[cultivated]

Hordeum distichum var. *medium* subv. *wernerii* Regel,

Bull. Bur. Angew. Bot. St. Pétersb. 2: 81. 1908.

[cultivated]

Hordeum distichum var. *nigrosabinerme* Karl Hansen ex

Beaven, Jour. Fed. Inst. Brewing 8: 579. 1902.

Cult. Denmark

Hordeum distichum var. *nigrum* Husnot, Gram. Fr. Belg.

74. 1899.

"O[rge] d'Abyssinie.--"Epi aplati et noirâtre, grain noirâtre" entire description.

Hordeum distichum var. *nudum* (Arduin.) Mutel, Fl.

Franc 4: 151. 1837. Not L. 1753.

"*Hordeum nudum* Arduin." cited

Hordeum distichum subv. *nudum* *rigidum* Menabde, Trudy

Tbiliss. Botanichesk. Inst. (Trav. Inst. Bot.

Tbilissi) (Tiflis) 6: 224. f. 10. 1938.

[article in Russian with English summary]

Georgia. Transcaucasia. Asia

Hordeum distichum subv. *mutans* *longespicato-aristatum*

Menabde, Trudy Tbiliss. Botanichesk. Inst. (Trav. Inst. Bot. Tbilissi) (Tiflis) 6: 217. f. 6. 1938.

[article in Russian with English summary]

Georgia. Transcaucasia. Asia

Hordeum distichum var. *parvianatum* Karl Hansen ex

Beaven, Jour. Fed. Inst. Brewing 8: 579. 1902.

Cult. Denmark

= Short-armed form of *H. distichum* *angustispicatum* fide Harlan

Hordeum distichum var. *persicum* subv. *affine* Regel,

Bull. Bur. Angew. Bot. St. Pétersb. 2: 80. 1908.

[cultivated]

Hordeum distichum var. *persicum* subv. *oriwanense* Regel,

Bull. Bur. Angew. Bot. St. Petersb. 2: 79. 1908.

[cultivated]

Hordeum distichum var. *persicum* subv. *koernickei* Regel,

Bull. Bur. angew. Bot. St. Pétersb. 2: 79. 1908.

[cultivated]

Hordeum distichum var. *pictum* Karl Hansen ex Beaven,

Jour. Fed. Inst. Brewing 8: 579. 1902.

Cult. Denmark

Hordeum distichum var. *psuedosecoritum* Chiev. Menagr.

Epp. Colon. Rome No. 19: 50. 1912.

var. *erythraeum* Chiev l.o.

Colonia Erytrae

Hordeum distichum var. *ramosum* Keel. Desor. Gram. 321.

1802.

"Habit. ad Samaram, Tartariae fluvium."

Hordeum distichum *ramosum* Hechst, Flora 31: 147. 1848,

without botanical descr. [see Keel, 1802] discussion in German

[Named *ramosum* for two branches at base of spike]

Cultivated by Hechst.

Hordeum distichum var. *remulosum* Karl Hansen ex Beaven,

Jour. Fed. Inst. Brewing 8: 579. 1902.

Cult. Denmark

"= a compound form of *H. distichum* *nudum*", fide Harlan

Hordeum distichum var. *rigens* Karl Hansen ex Beaven,

Jour. Fed. Inst. Brewing 8: 578. 1902.

Cult. Denmark

Hordeum distichum var. *triaristatum* Didus, Bot. Zhurn.

SSSR (Journ. Bot. U.S.S.R.) 21: 192. f. 1. 1936.

"unter den Sorten 0353/133 Juli 20 [1936]...an der Landwirtschaftlichen Versuch-Station Charkow ...Produkt einer sehr seltenen spontanen Mutation von *Hordeum distichum* var. *mutans europaeum*"

U.S.S.R.

Hordeum distichum var. *uobainicum* Baum. Bull. Appl.

Bot. (Russian) 16 (3): 182, 186. 1926.

"province Ekaterinoslav (Ukraine) Novomoskovsky district [Russia]

Hordeum distichum var. *utriculatum* Karl Hansen ex

Beaven, Jour. Fed. Inst. Brewing 8: 579. 1902.

Cult. Denmark

= "synonym for *H. distichum* *laxum*" fide Harlan

Hordeum distichum var. *violaceum* Karl Hansen ex

Beaven, Jour. Fed. Inst. Brewing 8: 578. 1902.

Cult. Denmark

Hordeum distichum var. *vulgare* (L.) Coutinho, Bol. Soc.

Broteriana II. 10: 62. 1935.

Based on *Hordeum* *vulgare* L.

Cult. Europe

Hordeum distichum subv. *zeorithum* *hibernicum* Menabde,

Trudy Tbiliss. Botanichesk. Inst. (Trav. Inst. Bot.

Tbilissi) (Tiflis) 6: 225. f. 11 (1). 1938.

[article in Russian with English summary]

Georgia. Transcaucasia. Asia

Hordeum distichum subv. *zeorithum* *Soharashidzei*

Menabde, Trudy Tbiliss. Botanichesk. Inst. (Trav. Inst. Bot. Tbilissi) (Tiflis) 6: 225. f. 11. (2). 1938.

[article in Russian with English summary]

Georgia. Transcaucasia. Asia

Hordeum divergens Nees & Meyen, ex Steud. Nom. Bot.
1: 775. 1840, nom. nud.

Chili

Hordeum durum Regel, Bull. Appl. Bot. 8: 1506. 1915,
without descr.

"presque precoce"—almost early
Bur. Bot. Appl. Russia Exp. Sta.

Cult.

Hordeum elisabethpolense Regel, Bull. Appl. Bot. 8: 1501, 1506.
1915.

referred to as "race" Bur. Bot. Appl. Russia - Experiments

"ont les herbes lisses."

"ce distingue par l'apparition hâtive des épis, tandis que le
mûrissement est assez prolongé et retardé au champ du Bureau
au gouv. Elis: a vetpol)"

Grouped under "races précoces parmi les orges distiques" or
early among 2-rowed barley.

Russia

Hordeum elongatum Gandog. Oesterr. Bot. Zeitschr.
31: 47. 1881.

Gallia, Rhône, in ruderalis ad pagum Alix (Gandog.)

Hordeum elongatum Regel, Bull. Appl. Bot. 8: 1503.
1915, without descr. Not Gandog 1881.

"races d'hiver de l'orge cultivées."
Bur. Bot. Appl. Russia - Exp. Sta.

U.S.S.R.

Hordeum elymoides Vest. ex Kunth Enum. Fl. 1: 452.
1833, as syn. *Elymus europaeus* L. Not (Raf.)
Schenk. 1907.

Europe

Hordeum elymoides (Raf.) Schenk, Bot. Jahrb. Engler 40: 109. 1907.
in Engler.

Based on *Sitonia elymoides* Raf. 1819. Missouri River
- *Sitonia hystrix* (Nutt.) J. G. Smith on *Aegilops*
hystrix Nutt. 1818.

Plains of the Missouri

Hordeum erismense Regel, Bull. Appl. Bot. 7: 785. 1914, nom.
semi-nud.; 8: 1506. 1915.

Grouped under: "orges distiques - races mi-précoces" or
2-rowed barley—rather early—Bur. Bot. Appl. Russia Exp. Sta.

Russia

Hordeum euclaston Steud. Syn. Fl. Glum. 1: 353. 1854.

Based on "H. fragile Godron.... (nom Boiss.)"

Cult. Port Juvenal, France

Hordeum europaeum (L.) All. Fl. Pedem. 2: 260. 1785.

Based on *Elymus europaeus* L.

Europe

Hordeum flexicaule Gandog. Oesterr. Bot. Zeitschr.
31: 46. 1881.

Gallia, Sarthe, in sterilibus ad Mamers
(L. Chevallier).

Hordeum flexuosum Steud. Syn. Fl. Glum. 1: 353. 1854.

"Willies legit in Mendoza." Chile or Argentina

Hordeum fragile Boiss. Diagn. 1: 7: 126. 1846.

"Hab. in monte Sabet-Buschum prope Schiras Kotschy No. 375."

Asia Minor, Persia

Hordeum fragile Godr. Fl. Juvenalis 47. 1853; Mem. Acad.
Stanislas 433. 1854; Mem. Acad. Sci. Montp. (Sec. Medie)
1: 455. 1853. Not Boiss. 1846.

"Patria ignota." "Plantes étrangères—au Port Juvenal"

France

Hordeum euclaston Steud. based on this.

Hordeum fuscum Larran Publ. Inst. Hist. Geogr. Uruguay 2: 51.
1923.

N.° 1810. [Uruguay]

Larranaga

Hordeum geniculatum All. Fl. Ped. 2: 259. 1785.

"Loc. Cl. Bellardi legit ad litera marie nicasensis prope
Portum di Lymia. Cl. Vahl. Botanices Professor Hafniensis
invenit quoque in maritima Functensis."

Europe

Hordeum geniculatum [All. misappl. by Maroch.-Bib.] Fl. Taur.
Cauca. 1: 85. 1808. Not All. 1785.

Caucasus

Hordeum geniculatum (Delile) Thell. Mem. Soc. Sci. Nat. Cherbourg
38: 162. 1912. Not All. 1785.

Based on "*Elymus geniculatus* Del."

Hordeum germanicum Regel, Bull. Appl. Bot. 8: 1506. 1915.

"(retardante au champ du Bureau au gouv. d'Elisavetpol)."

Grouped under "orges distiques - races mi-précoces" or 2-rowed
barley - rather early. Bur. Bot. Appl. Russia Exp. Sta.

U.S.S.R.

Hordeum giganteum (Vahl) Raspail, Ann. Sci. Nat. 1: 436. 1825.

Based on *Elymus giganteus* Vahl.

Hordeum glabrum Regel, Bull. Appl. Bot. 8: 1501. 1915.

referred to as race, Experiment Sta. Bur. Bot. Appl.

Russia

2-rowed barley }
"distiques" } no description

U.S.S.R.

Hordeum glaucum Steud. Syn. Fl. Glum. 1: 352. 1854.

"Fruct. un. it arab. nr. 383. Mons Sinai."

Arabia

[e]
Hordeum gussoneanum Parl. Fl. Palerm. 1: 246. 1845.

Sicily. "Gussone, coll."

= H. hystrix Roth Man. II.

Hordeum gussoneanum "Lojac. Mat. sic. ann. 1885." in Lojac. Fl.
Sicil. 3: 364. 1909. Not Parl. 1845?

[Lojac. does not cite Parlatores 1845 publication]

Sicily

Hordeum gussoneanum var. *caespitellum* Trautv. ex Gussone, Fl.

Kavkaz 1: 139. 1928, in Russian.

Kavkaz - Caucas. Russia. Eur.

Hordeum gussoneanum var. *glabratum* Trautv. ex Gussone, Fl. Kavkaz
1: 139. 1928, in Russian.

Kavkaz - Russia Eur.

Hordeum gussoneanum var. *hirtellum* Degen in Aschere, & Gussone.
Syn. Mittel-eur. Fl. 2: 738. 1902.

"Bisher nur Best: Sz. Lőrincz (Flatt!)." "

Hungary

Hordeum gussoneanum Lojac. var. *uniflorum* Lojac. Fl. Sicil.
3: 365. pl. 5. f. 5. 1909.

"Ficusca."

Sicily

Hordeum gymnostichum Duthie, Fodder Grasses N. India. 70. 1888.

India

Hordeum halophilum Griseb. Abh. Ges. Wiss. Göttingen 19: 249. 1874.

"Catamarca, in salinis Laguna blanca alt. 10000'."
[Lorentz, Coll.]

Argentina

Hordeum heterostachyon Beauv. Rec. Agrost. 114. 165. 1812, nom.
nud.

Hordeum hexaploideum Covas, Rev. Argent. Agrom. 17: 230.
f. 1. 1950.

§ *Stenostachys*

"Tipo: Gobernación de Río Negro, estación Coronel
J. J. Gómez, leg. G. Covas no. 12386, 8-VI-1949."

"Maleza au alfalfares." Argentina

"Río Negro—A. C. Soala 60, 144, 146 (B.A.F.)
Estación Coronel J. J. Gómez, leg. M. N. Ocos, Buenos
1950 (SI)." Argentina

Hordeum hexastichum L. Sp. Fl. 85. 1753.

"Habitat—"

Man. U. S.

Hordeum Gruppe hexastichum

see

Hordeum vulgare Gruppe *hexastichum* for vars.

In Koern. Handb. Getreideb. the Gruppe (*Utricularia*) is disre-
garded in index and varieties are given under *Hordeum vulgare*.

Hordeum hexastichum var. *abietis* Karl Hansen ex Beaven, Jour. Fed.
Inst. Breeding 8: 577. 1902.

Cult.

Denmark

Hordeum hexastichum var. *complanatum* Karl Hansen ex Beaven, Jour.
Fed. Inst. Breeding 8: 577. 1902.

= H. intermedium subcoratum subv. anomalum fide Earlan

Hordeum hexastichum var. *densifurcatum* Karl Hansen ex Beaven, Jour.
Fed. Inst. Breeding 8: 577. 1902.

Cult.

Denmark

Hordeum hexastichum densum Ser. Deser. Fig. Cfr. Eur. 345. pl. 2. 1841.

"*Hordeum hexastichum* A., Sering....B. Metag." cited.

Europe

Hordeum hexastichum var. *hexastichum furcatum* Karl Hansen ex Beaven, Jour. Fed. Inst. Breving 8: 577. 1902.

Cult. Denmark

Hordeum hexastichum var. *hexastichum remotum* Karl Hansen ex Beaven, Jour. Fed. Inst. Breving 8: 577. 1902.

Cult. Denmark

Hordeum hexastichum var. *hexastichum trifurcatum* Karl Hansen ex Beaven, Jour. Fed. Inst. Breving 8: 577. 1902.

Cult. Denmark

Hordeum hexastichum laxum Ser. Deser. Fig. Cfr. Eur. 344. 1841.

"*Hordeum hexastichum*, A. spica hexasticha laxa, Metag., Eur. Ger., p. 40, t. 2, fig. 3 (1824)."

Europe

Hordeum hexastichum var. *mandshuricum* Regel, Ind. Sem. Hort. Petrop. 1857: 25. 1857.

"Colitur in Mandshuria. Semina legit Maximovius (Regl.)."

Asia

Hordeum hexastichum var. *nudiprymniatum* Karl Hansen ex Beaven, Jour. Fed. Inst. Breving 8: 577. 1902.

Cult. Denmark

Hordeum hexastichum var. *thyrsoides* Karl Hansen ex Beaven, Jour. Fed. Inst. Breving 8: 577. 1902.

Cult. Denmark

Hordeum hibernicum Regel, Bull. Appl. Bot. 8: 1503. 1915. without descr.

"races d'hiver de l'orge cultivées." Eur. Bot. Appl. Russia. Exp. Sta. p. 1511 given under races d'automne"

Cult. U.S.S.R.

Hordeum hibernicum Regel, Bull. Appl. Bot. 8: 1503. 1915. without descr.

"races d'hiver de l'orge cultivées." Eur. Bot. Appl. Russia. Exp. Sta. given on p. 1511 as "races d'automne."

U. S. S. R.

Hordeum himalayense Rittig ex Schult. Mant. 2: 461. 1824.

"Colitur in Himalaya ad Fiti."

"Beschreib. d. Himalaya-Geräte v. Rittig. 5. Wien 1822."

Asia

Hordeum hirtellum Bartol. Nov. Comm. Acad. Sci. Inst. Bonon. 5: 421, tab. 40. f. 5, 6. 1842.

"Fl. sioc. Suphr. n. 196."

"Ex oris Suphratis."

Asia

Hordeum hirtellum Regel, Bull. Appl. Bot. 8: 1501. 1915.

"orges hirtellum" = 6 rowed. Exp. Sta. Eur. Bot. Appl. Russia. referred to as a "race".

U.S.S.R.

Hordeum hohenackeri Gandog. Oesterr. Bot. Zeitschr. 31: 47. 1881.

Württemberg (Hohenacker)

Hordeum horfordianum Regel, Bull. Appl. Bot. 8: 1506. 1915. without descr.

Eur. Bot. Appl. Russia - Exp. Sta.

U.S.S.R.

Hordeum hyetrix Roth, Cat. Bot. 1: 23. 1797.

"Habitat in Hispania."

U.S. Man. II.

Hordeum hyetrix (L.) Schenck, Bot. Jahrb. Engler 40: 109. 1907.

Not Roth, 1797.

Based on *Elymus hyetrix* L.

= *Hyetrix patula* Moench

Virginia, Clayton

Man. II

Hordeum imberbe Roem. & Schult. Syst. Veg. 2: 793. 1817, as syn. *Hordeum distichum* Roem. & Schult.

Europe

Hordeum imrinum Forak. Fl. Aegypt. 19. 1775.

"Imros."

Egypt

Hordeum inornatum Feir. in Lam. Encycl. 4: 605. 1798. Error for *imrinum*

Egypt

Hordeum intermedium (Körn.) Carleton, The Small Grains 115. 1916.

Based on *H. vulgare* subsp. *intermedium* Körn.

Cult.

Hordeum intermedium atricoronatum (Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 18. 1918.

Based on: *Hordeum sativum* (Gruppe II *Hordeum tetrastichum*) var. *atricoronatum* Koern.

Harlan cites: Koern. [Arch. Bionologie 2: 425. 1908. Koern. cites the above variety under group name II. *Hordeum tetrastichum* Jessen.

"Sie trat auch erst 1902 auf und ist ebenfalls noch fern von der Konstanz." [Appears first 1902 and is still far from constant.] Cult.

Hordeum intermedium atricoronatum subv. *typica* Harlan, U. S. Dept. Agr. Bull. 622: 18. 1918.

Cult.

Hordeum intermedium cornutum (Schrad.) Harlan, U. S. Dept. Agr. Bull. 622: 18. 1918.

[based on: *H. vulgare* var. *cornutum* Schrad.]

Germany

Hordeum intermedium cornutum var. *gymnocornutum* (Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 18. 1918.

Cites "Körnische (as var., 1908, p. 430)." var. is published here under *Hordeum sativum* [Gruppe III *Hordeum intermedium*].

Based on *Hordeum sativum* (Gruppe III *Hordeum intermedium*) var. *gymnocornutum* Koern.

[Arch. Bionologie 2:] Cult.

Hordeum intermedium cornutum subv. *typica* Harlan, U. S. Dept. Agr. Bull. 622: 18. 1918.

Cult.

Hordeum intermedium hartoni (Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 17. 1918.

Based on *H. vulgare* Gruppe III *intermedium* var. *hartoni* Koern.

Hordeum intermedium hartoni subv. *pavoninum* (Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 17. 1918.

Harlan l.c. gives "pavoninum Körnische (as var., 1908, p. 429)." This refers to Koern. Arch. Bionologie 2: 429. 1908. This var. is given here under *Hordeum sativum* [group name III *Hordeum intermedium*] var. *pavoninum* Koern.

"A variation of *H. distichum* seocrithum ♂ X *H. tetrastichum* trifurcatum ♂ nicht konstant."

V. Himpau sagt... "Eine intermediäre Form zwischen *H. seocrithum* L. und *H. hexastichum* L. hat auch Drechsler in Öttingen gefunden. Er sandte mir davon am 16. August 1885....diese form 1885 im Felde als spontane variation von *H. seocrithum* gefunden."

Cult.

Hordeum intermedium hartoni subv. *tensum* (Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 17. 1918.

Harlan cites "tensum Körnische (as var., 1908, p. 426)." This refers to Koern. Arch. Bionologie 2: Given here as: *Hordeum sativum* [Gruppe II. *Hordeum tetrastichum*] var. *tensum* Koern.

Cult.

Hordeum intermedium hartoni subv. *transiens* (Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 17. 1918.

Harlan cites: "transiens Körnische (as var., 1882, p. 185)." This is Koern. Mittheil. Gesamt. Brau. 5: Koern. gives here: *Hordeum vulgare* Dritte Gruppe *intermedium* var. 23. *transiens*.

Based on *Hordeum vulgare* [Gruppe III *intermedium*] var. *transiens* Koern. [See also: Koern. & Wern. Handb. Getreideb. 1: 173. 1885.]

Europe

Hordeum intermedium hartoni subv. *typica* Harlan, U. S. Dept. Agr. Bull. 622: 17. 1918.

Europe

Hordeum intermedium var. *intercedens* Houska, Mitt. Thür. Bot. Ver. N. F. XIII / XIV: 60. 1899.

"Bei Batna in Alger von DuRoiambier (no. 36 als *H. crinitum*)"

Africa

Hordeum intermedium mortoni (Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 17. 1918.

Harlan cites: "Körnische 1908, p. 429" [Koern. Arch. Bionologie 2: 419, 429. 1908] Koern. gives *Hordeum sativum* [group name] III *Hordeum intermedium* Koern. var. *Mortoni*.

Based on *Hordeum sativum* [Gruppe III *Hordeum intermedium*] var. *mortoni* Koern.

Hordeum intermedium mortoni subv. *nigritensum* (Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 17. 1918.

Harlan cites under above trinomial "nigritensum Körnische (as var. 1908, p. 425)." This refers to Koern. Arch. Bionologie 2: Given here as: *Hordeum sativum* (Gruppe II *Hordeum tetrastichum*) var. *nigritensum* Koern.

Koern. in his Index to his Handb. Getreideb. disregards these Gruppe names.

Hordeum intermedium mertoni subv. *typica* Harlan, U. S. Dept. Agr. Bull. 622: 17. 1918.

Cult.

Hordeum intermedium nudihartoni (Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 18. 1918.

Harlan cites: "Körnische (1908, p. 429)" [Arch. Biontologie 2:]. Koern, gives this under III *Hordeum intermedium* Koern, which is under *H. sativum* Jessen."

Based on *Hordeum sativum* [Gruppe III *Hordeum intermedium*] var. *nudihartoni* Koern.

Cult.

Hordeum intermedium nudihartoni subv. *nuditonsum* (Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 18. 1918.

Harlan cites under above trinomial "nuditonsum Körnische (as var., 1908, p. 425)." This refers to Koern, Arch. Biontologie 2: Given here as: *Hordeum sativum* [Gruppe II *Hordeum tetrastichum*] var. *nuditonsum* Koern.

Koern, in his Index to Handb. Getreideb. disregards these Gruppe names.

Cult.

Hordeum intermedium nudihartoni subv. *nuditransiens* (Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 18. 1918.

Harlan cites under the above trinomial "nuditransiens Körnische (as var., 1908, p. 430)." This refers to Koern, Arch. Biontologie 2: Given here as: *Hordeum sativum* [Gruppe III *Hordeum intermedium*] var. *nuditransiens* Koern.

Cult.

Hordeum intermedium nudihartoni subv. *typica* Harlan, U. S. Dept. Agr. Bull. 622: 18. 1918.

Cult.

Hordeum intermedium nudihartoni Harlan, U. S. Dept. Agr. Bull. No. 622: 18. 1918.

"progeny of a hybrid of *hartoni* and *nigrinudum*."

Hordeum intermedium subaethiops (Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 18. 1918.

Based on *Hordeum sativum* (Gruppe II *Hordeum tetrastichum*) var. *subaethiops* Koern.

Harlan cites: Koern, [Arch. Biontologie 2:] 425. 1908. Koern, cites the above var. under group name II. *Hordeum tetrastichum* which is given under sp. *H. sativum* Jessen.

Koern, in his Index to his Handb. Getreideb. disregards these Gruppe names.

Cult.

Hordeum intermedium subaethiops subv. *typica* Harlan, U. S. Dept. Agr. Bull. 622: 18. 1918.

Cult.

Hordeum intermedium subcornutum (Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 18. 1918.

Based on *Hordeum sativum* [Gruppe II *Hordeum tetrastichum*] var. *subcornutum* Koern.

Harlan cites: "Koern, [Arch. Biontologie 2:] 425. 1908."

Koern gives the above variety under group name II. *Hordeum tetrastichum* which is given under sp. *H. sativum* Jessen

Cult.

Hordeum intermedium subcornutum subv. *anomalous* (Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 18. 1918.

Harlan cites under above trinomial "Körnische (as var., 1895, p. 10; and 1908, p. 430)." The 1895 ref. refers to Koern, Die Hauptsaat. Form Saatgerate. Given here as *Hordeum vulgare* [Gruppe III *Hordeum intermedium*] var. *anomalous* Koern.

The 1908 reference is Koern, Arch. Biontologie 2: Given here as: *Hordeum sativum* [Gruppe III *Hordeum intermedium*] var. *anomalous* Koern.

Cult.

Hordeum intermedium subcornutum subv. *typica* Harlan, U. S. Dept. Agr. Bull. 622: 18. 1918.

Cult.

Hordeum irregulare Åberg & Wiebe, Journ. Washington Acad. Sci. 39: 163. f. 1. 1945.

*Type: no. 161999, herbarium of the U. S. National Arboretum, grown at Plant Industry Station, Beltsville, Md., Feb. 1945, from seed collected by H. V. Harlan at Lalibela market, Abyssinia, on Jan. 7, 1924, from cultivated plants. (C. I. no. 3908-3, Div. Cereal Crops & Diseases, Bur. Pl. Ind. Sta., Beltsville, Md.)"

Hordeum ischnatherum (Coss.) Schulz, Mitt. Natf. Ges. Halle 1: 21. 1911.

Based on *Hordeum ithaburens* var. *ischnatherum* Coss.

Port-Juvénal près Montpellier

France

Hordeum ithaburens Boiss. Diagn. I. Vol. 2: (fasc. 13) 70. 1854.

"Hab. in declivibus siccis montis Ithaburis in latere meridionali supra Daburieh."

Asia Minor

Hordeum ithaburens var. *ischnatherum* Coss. Bull. Soc. Bot. France 11: 163. 1864.

"Précemment observées par M. Touchy au Port-Juvénal près Montpellier."

France

Hordeum jaranakianum Regel, Bull. Appl. Bot. 8: 1506. 1915.

grouped among "les races précoces parmi les orges hexastiques" or early races among 6-rowed barley.

Bur. Bot. Appl. Russia - Exp. Sta.

Hordeum jubatum L. Sp. Pl. 85. 1753.

"In Canada. Kalm."

Man. U. S.

Hordeum jubatum L. [misapplied by DC.] Fl. Fr. 6: 286. 1815.

[5]

Frang.

Hordeum jubatum var. *caespitosum* (Scribn.) Hitchc. Proc. Biol. Soc. Washington 41: 160. 1928.

Based on *Hordeum caespitosum* Scribn.

S. D. - Wyo.

U. S. Man. II.

Hordeum jubatum *comosum* (Presl) Kunze, Rev. Gen. Pl. 37: 355. 1898.

Based on *Hordeum comosum* Presl.

South America

Hordeum jubatum var. *comosum* f. *flavum* Kunze, Rev. Gen. Pl. 37: 355. 1898.

"Chile: Maule. Patagonia (539; 559 M. & T.)." [Moreno & Tonini]

Hordeum jubatum var. *comosum* f. *versicolor* Kunze, Rev. Gen. Pl. 37: 355. 1898.

"Patagonia (263 b M. & T.). Nordchile, Calama." [Moreno & Tonini Collectors]

Hordeum jubatum var. *comosum* f. *violaceum* Kunze, Rev. Gen. Pl. 37: 355. 1898.

"Argentina - Chile: Paso Gras 2600 m"

Hordeum jubatum var. *comosum* f. *viride* Kunze, Rev. Gen. Pl. 37: 355. 1898.

"Chile: 1500 m Paso Gras."

Hordeum jubatum var. *medium* Kunze, Rev. Gen. Pl. 37: 355. 1898.

f. *versicolor* l.c. Patagonia (266 Moreno & Tonini).

f. *viride* & f. *flavum* l.c. Chile. Paso Gras 2100 m.

Hordeum jubatum normale Kunze, Rev. Gen. Pl. 37: 355. 1898.

f. *violaceum* l.c. Patagonia: Lagos (Dornmeister).

f. *flavum* l.c. Patagonia (279 Moreno & Tonini).

Hordeum jubatum var. *pamparum* Haum. Anal. Mus. Nac. Hist. Nat. Buenos Aires 28: 285. pl. 11. 1916.

Prov. de Buenos Aires....Argentina

Hordeum jubatum var. *pilosum* Franch Mission Sci. Exp. Norn. Bot. 5: 389. 1889.

"Patagonia, Punta-Arenas; 9 février 1877 (Bovetier, no. 156)."

Hordeum juliae Regel, Bull. Appl. Bot. 7: 785. 1914, nom. semi-adv. 8: 1508. 1915.

"Aux barbes lisses" - Bur. Bot. Appl. Russia. Exp. Sta.

[Russia]

Hordeum junceum (Fisch) Aschers & Graeb. Syn. Mitteleur. Fl. 2: 746. 1902.

"Hlymus junceus Fisch. Mem. Soc. Nat. Mosc. 2. 45. pl. 4. 1811.

Volga, Russia
(Omn. Mr. Redoffsky)

Hordeum X jungbluti Reichling, Inst. Grand-Ducal Luxemb. Arch. n. ser. 23: 129. f. 2. 1956.

Hordeum jubatum L. X *H. secalinum* Schreb.
Luxembourg.

Hordeum kalugense Regel, Bull. Appl. Bot. 8: 1506. 1915, without descr.

Bur. Bot. Appl. Russia - Exp. Sta.

Hordeum Karsinianum Regel, Bull. Appl. Bot. 8: 1501. 1915, without descr.

"orges hexastiques" = 6-rowed
Bur. Bot. Appl. Russia. Exp. Sta.

Hordeum kaufmanni Regel, Act. Hort. Petrop. 7: 578. 1881.

"In valle fluvii Sarawochen in angustiis Urgut et Dechun (O. Fedtshenko)"

Central Asia

Hordeum Kenti Regel, Bull. Appl. Bot. 8: 1506. 1915.

Grouped under "orges distiques-races mi-précoces" or 2-rowed barley - rather early. Bur. Bot. Appl. Russia, Exp. Sta.

Hordeum kiarochanum Regel, Bull. Appl. Bot. 8: 1501, 1506. 1915, without descr.

"orges hexastiques" = 6-rowed. Exp. Sta. Bur. Bot. Appl. Russia

referred to as race

"(les épis apparaissent en même temps que chez les races mi-précoces, mais au champ de Voronezh elle mûrit bien vite comme toutes les races précoces)"

mi-précoces = rather early

U. S. S. R.

Hordeum korshinskianum Regel, Bull. Appl. Bot. 8: 1493, 1504. 1915.

"On a trouvé au Bureau deux races indépendantes de l'orge sauvage: l'une dont le grain porte la seta basale aux poils longs... De toutes les formes des orges distiques il n'y a que les deux races de leur ancêtre sauvage H. korshinskianum et H. lenkoranicum qui sont les races d'hiver." 2-rowed barley

U. S. S. R.

Hordeum kronenburgii Hack. Allg. Bot. Zeitschr. 11: 133. 1905.

A. Kronenburg "Juni '04"

"Fereval Taldyk in städt. Pargana"

Central Asia

Hordeum laevigaleatum Regel, Bull. Appl. Bot. 7: 765. 1914, nom.

semi-nud.; Bull. Appl. Bot. 8: 1506. 1915, without descr.;

only says, "(est fortement attaquée par les ennemis divers et retarde souvent en mûrissement)"

[Russia] Bur. Bot. Appl. Russia - Exp. Sta.

Hordeum lagunculiforme Bakhteyev, Kungl. Lantbraks-

Högskolans Annaler 23: 309. pl. 1. 1957.

Carbonized fossil. "near the town of Keroh (Crimea) - remains of ancient city of Tiritaki (11 km. south of Keroh) - "belong to strata dating from the third to the second century B.C."

fig. 3. p. 218.

Hordeum lanuginosum (Trin.) Schenck, Bot. Jahrb. Engler 40: 109.

1907.

Based on *Elymus lanuginosus* Trin.

Siberia

Hordeum lapponicum Regel, Bull. Appl. Bot. 7: 764. 1914, nom.

semi-nud.; 8: 1506. 1915.

Grouped among "races précoces parmi les orges hexastiques" or early races among 6-rowed barley.

Russia

Hordeum laxum Regel, Bull. Appl. Bot. 8: 1501. 1915, without descr.

"distiques" = 2 rowed "les races nées"

Bur. Bot. Appl. Russia. Exp. Sta.

Hordeum lechleri (Steud.) Schenck, Bot. Jahrb. Engler 40: 106.

1907.

Based on *Elymus lechleri* Steud.

Sty Magellan, Patagonia

Hordeum lenkoranicum Regel, Bull. Appl. Bot. 8: 1493, 1504. 1915.

"On a trouvé au Bureau deux races indépendantes de l'orge sauvage: l'une dont la seta basale est tomentueuse (H. lenkoranicum Regel)"

Bur. Bot. Appl. Russia. Agr. Exp. Sta.

[See H. korshinskianum]

Hordeum leporinum Link, Linnaea 9: 133. 1835.

"Frequens in Graecia."

Introd. U. S. Man. II.

Hordeum leporinum var. *murinum* (L.) Lejac, Fl. Sicul. 3: 354. 1909.

Based on "H. murinum L."

[invalid - murinum L. 1753. leporinum Link 1835.]

Europe

Hordeum leporinum var. *scabrum* P. Jansen & Wachter,

Nederl. Kruidk. Archief. 54: 118. 1947.

Nederland in 1943

Hordeum leptostachya Griff. Posthum. Papers 2: 270. 1848.

"622 Griffith..." The numbers correspond with numbers to be found on one specimen at least of each species."

Candahar. Afghanistan

Hordeum lycium Boiss. Fl. Orient. 5: 688. 1884, as syn. *Hordeum*

bulbosum var. *Bourgaei* Boiss.

"Bourg. exs. 1860"

[Lycia? Asia Minor]

Hordeum macilentum Steud. Syn. Fl. Glum. 1: 352. 1854.

"H. secalinum var. macilenta Turcom. Erbr. Dahuria."

Herbarium name cited.

Dahuria Asia

Hordeum macrolepis A. Br. Del. Sem. Hort. Frib. 2. 1848.

Abyssinia

Hordeum mandshuricum Regel, Bull. Appl. Bot. 7: 765. 1914, nom.

nud.; Bull. Appl. Bot. 8: 1506. 1915.

"(les épis apparaissent assez tôt, mais elle mûrit avec les autres races mi-précoces, au champ du Bureau au gouv. d'Elizavet-pol elle a été précocée)"

Russia

Hordeum marinum Huds. Fl. Angl. ed. 2. 57. 1776.

"Habitat in pratis et pascuis."

England

Man. U.S.

Hordeum marinum ssp. *eu-maritimum* (With.) Thell. Vierteljahr.

Nat. Ges. Zürich 64: 715. 1919.

Based on H. *maritimum* With.

British Isles

Hordeum marinum ssp. *gussoneanum* (Parl.) Thell. Viertel. Naturf.

Ges. Zürich 52: 441. 1908.

Based on H. *gussoneanum* Parl.

= H. *hystrix* Roth

Introd. U.S. Man. II

Hordeum marinum var. *typicum* Fiori, Musc. Fl. Anal. Ital. 1: 162.

1923.

Italy

Hordeum marinum With. Arrang. Brit. Fl. 172. 1776.

= H. *marinum* Huds.

Man. U.S.

Hordeum marinum With. Bot. Arr. Veg. Brit. ed. 2. 1: 127. 1787.

Based on *Hordeum marinum* Huds.

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Man. U. S.

[Brit. Isles]

Hordeum marinum Fourr. Chalcis Maritimaensis "extrait" republished

in Mem. Acad. Roy. Sci. Toulouse 3: 320. 1788.

[original published in 1783]

Reprinted with annotations by Lagrave, Rel. Fourrétienne, Toulouse 1885; paging of original not seen.]

1788 paging given in Ind. Kew and here

"spica lobata," only description

"A. Marbonne, dans les terres salées."

France

Hordeum marinum Roth, Tent. Fl. Germ. 1: 51. 1788. Not With

1787.

"Habitat in pratis ad ripas Visurgis Ducatus Brunnensis."

Germany

= H. *secalinum* in Aschers & Graeb.

Hordeum marinum var. *dasyphyllum* Trantv. ex Fedtch. Bull. Jura.

Bot. Pierre Grand 14(Suppl. 2): 99. 1915, nom. nud.

U. S. S. R.

Hordeum marinum ssp. *eu-maritimum* Hayek, Fl. Balk.

3: 234. 1932.

"H. *maritimum* With. sensu stricto"

Hordeum marinum ssp. *gussoneanum* (Parl.) Aschers. &

Graebn. Syn. Mittel-eur. Syn. 2: 737. 1902.

Based on H. *gussoneanum* Parl.

= H. *hystrix* Roth

Man. II. U. S.

Hordeum marinum var. *gussoneanum* (Parl.) Richter, Fl. Bur.

1: 131. 1890.

"(Parl.) fl. pal. 1. p. 526(1845)"

error for 246

Based on H. *gussoneanum* Parl.

= H. *hystrix* Roth

U.S. Man. II

Hordeum marinum ssp. *gussoneanum* var. *annuum* (Lange)

Maire & Weiller in Maire, Fl. Afrique Nord 3: 380.

1955.

Based on H. *pratense* Huds. var. *annuum* Lange.

Spain

Hordeum marinum ssp. *gussoneanum* var. *annuum* subv.

eu-gussoneanum (Fouill. & Litard.) Maire & Weiller,

in Maire, Flore Afrique Nord 3: 380. 1955.

Based on H. *gussoneanum* Parl.

Italy

Hordeum marinum ssp. *gussoneanum* var. *patagonicum* Baum. Anal.

Mus. Mac. Hist. Nat. Buenos Aires 28: 285. pl. 12. f. A. 1916.

Puerto Deseado, janvier 1914, Iter Patagonicum, numéro 130

(Herbier Hickson sub H. *maritimum* With.)

South America

- Hordeum maritimum* var. *procerius* Nees, misappl. by Doell in Mart.
Fl. Bras. 2(3): 233. 1880, as syn. of *Hordeum compressum*
Grisb.
[Doell cites: "*Hordeum maritimum* / *procerius* Nees ab Heenbeck, Agrost. Bras. 453 et in herbario Regio Berolinensi!" error, not in Nees, Agrost. Bras., must have been a name in Herb. Berol.]
- Hordeum maritimum* var. *pubescens* Guss. Fl. Sic. Syn. 1: 63. 1843.
only description: "valvula corollina exterior pubescente, spica subtrinervis, striis foliorum pubescentibus."
"Palermo a Mondello."
Sicily
- Hordeum maximum* Vill. Fl. Delphin. 10. 1785.
"circa Viennam & alibi."
Europe
- Hordeum Michalkevici* Regel, Bull. Appl. Bot. 7: 785. 1914, nom.
semi-nud.; Bull. Appl. Bot. 5: 1506. 1915.
grouped under: "les races mi-précoces parmi les erges hexastiques" or rather early among 6-rowed barley.
"pour la steppe Kasmouja" [Russia]
- Hordeum microcladum* Gandog. Oesterr. Bot. Zeitschr.
31: 46. 1881.
Hungaria, in sterilibus insulae danub. Csepel prope Csep (Dr. J. A. Tauscher).
- Hordeum montanense* Scribn. in Beal, Grasses N. Amer. 2: 644. 1896.
Montana, Scribn. 429, 430.
Scribn. U. S. Dept. Agr. Div. Agrost. 17. ed. 2. 312. f. 608. 1901.
Man. U. S.
- Hordeum montanum* Schrank, Baier. Fl. 1: 386. 1789.
"H. Erdlich hat sie um Tegernsee und Munchen gefunden."
[Bavaria, Germany]
- Hordeum monticolum* Regel, Bull. Appl. Bot. 5: 1506. 1915.
grouped under "erges distiques-races mi-précoces" or 2-rowed barley - rather early.
U. S. S. R.
- Hordeum murinum* L. Sp. Pl. 55: 1753.
"In Europae locis ruderalis."
Many forms descr. Thellung, Allg. Bot. Zeitschr. 24-25: 6-7. 1920.
- Hordeum murinum* var. *angustifolium* Opiz, ex Bercht. Oekum.-techn.
Fl. Bohem. 1: 266. 1836.
"Opiz herb. N. 8453!"
Bohemia
- Hordeum murinum* var. *arenaria* Bab. ex Hook. Stud. Fl. 44. 3. 506. 1884.
[British Isles]
- Hordeum murinum* var. *chilensis* Brongn. in Duperrey, Bot. Voy.
Oeuv. 18/56. 1831.
"La Concepcion, au Chili."
- Hordeum murinum* esp. *eu-murinum* Briq. Prodr. Fl. Corse 1: 193. 1910.
Based on *H. murinum* L.
- Hordeum murinum* esp. *eu-murinum* f. *intercedens* Thell. Allg. Bot. Zeitschr. 24/25: 6. 1920.
"Kanton Zürich" Switzerland
- Hordeum murinum* esp. *eu-murinum* f. *typicum* Beck, Fl. Nied. Oesterr. 1: 116. 1890.
"(pro var. a *H. murini*)."
- Hordeum murinum* var. *fuscescens* Big. Sion. Org. Inst. Agr. Nat. Hist. Bull. 6: 70. 1927.
"Metulla, near the spring, 20. VII. 23 (collected by Mr. Haftolsky)."
Palestine
- Hordeum murinum* var. *glaucescens* Zapal. Consop. Fl. Galic. Orit., Rospr. Wydz. Mat.-Przyr. Akad. Umiej. Krakow VII. 4, 3. 194. 1904.
"Laró (Bleicki), Chocia (Paczoski)."
Galicia, Poland
Zapal. Consop. Fl. Galic. Orit. 1: 81 which contains same subject matter was not published until 1906. At Arnold Arboretum
- Hordeum murinum* var. *intermedium* Beck, Fl. Nieder-Oesterr. 1: 116. 1890.
No loc. cited. [Austria]
- Hordeum murinum* esp. *leporinum* (Link) Aschers & Graebn. Syn. Mitteleur. Fl. 1: 739. 1902.
Based on *H. leporinum* Link Man. U. S.
- Hordeum murinum* var. *leporinum* Link, Arcang. Comp. Fl. Ital. 503. 1882.
Based on *H. leporinum* Link Man. U. S.
Greece
- Hordeum murinum* esp. *leporinum* f. *biciliatum* Thell. Allg. Bot. Zeitschr. 24 / 25: 7. 1920.
"(H. pseudomurinum Tapp. sens strict; H. leporinum auct. plur.)".
....[descr.]
? Switzerland
- Hordeum murinum* esp. *leporinum* f. *semiciliatum* Thell. Allg. Bot. Zeitschr. 24/25: 7. 1920.
"(H. murinum esp. eu-murinum var. intermedium Schins & Koller, Fl. Schweiz ed. 3. II. (1914), 44; Schins et Thellung in Ber. Schweiz. Bot. Ges. XXIV / XXV [1916], 165 non Beck.) (Gluma exterior spicularum lateralium mere scabra, interiore utrinque ciliata). — in der Schweiz s. B. weitans vor wiegend"
- Hordeum murinum* esp. *leporinum* f. *sesquicabrum* Thell. Allg. Bot. Zeitschr. 24 / 25: 7. 1920.
no source cited Switzerland ?
- Hordeum murinum* var. *leptostachyon* Batt. & Trab. Fl. Alger. 1: (Monoc.) 111. 1884.
"Oeanopolite"
- Hordeum murinum* var. *major* Gren. & Godr. Fl. France 3: 595. 1855.
"Montpellier" France
- Hordeum murinum* var. *majus* Lange, Naturhist. For. Kjöbenhavn VII. Medd. II. 1: 54. 1850, without descr.
"(H. leporinum Link)" cited.
"Talavera de la reina (Schomb.)".
Spain
- Hordeum murinum* f. *montana* Hack. in Kneucker Allg. Bot. Zeitschr. 9: 35. 1903.
Kneucker, Gram. Ex. no. 414. Sierra del Cuarte, Spain.
- Hordeum murinum* L. esp. *murinum* A. R. Pinto da Silva and L. G. Sobrinho, Flora Vascular da Serra de Gerês. Agrozonia Lusitana VII 2: 378. 1950.
No description or delimitation; locality only.
Portugal
- Hordeum murinum* var. *pseudomurinum* (Tapp.) Beck, Fl. Nieder-Oesterr. 1: 116. 1890.
"Tappeler in Koch....als Art."
Austria
- Hordeum murinum* var. *pumilum* Goiran, Bull. Soc. Bot. Ital. 1899: 291. 1899, without descr.
"mh." = mihi
"Montorio, Quinmano ecc.!"
Italy
- Hordeum murinum* var. *secalinum* Liljeb. Vth. Svensk Fl. ed. 2. 53. 1798, in Scandinavian.
- Hordeum murinum* var. *pappinori* Haum. Fl. Finsl 2: 1021. 1852.
Based on *H. pseudomurinum* Tappeler
Europe
- Hordeum murinum* var. *typicum* Fiori, Nuov. Fl. Anal. Ital. 1: 163. 1923.
Italy
- Hordeum murinum* f. *vaginatatum* Senn. & Maurio. Cat. Fl. Rif Oriental 136. 1934 nom. nud.; Cat. Plantes du Maroc. 4: 947. 1941.
Morocco
- Hordeum murinum* f. *vaginatatum* Senn. & Maurio. Cat. Plantes du Maroc IV: 947. 1941.
Morocco
- Hordeum murinum* var. *velutina* Speg. Rev. Fac. Agron. Vet. La Plata, 3: 588. 1897.
"Non rari in campis jundis cultis secus Rio Santa Cruz, 1882 (G.S.) [Spegassini]"
Patagonia
- Hordeum murinum* var. *violaceospermum* Big. Sion. Org. Inst. Agr. Nat. Hist. Bull. 6: 69. 1927.
"El-Arish, between vegetable gardens, 30. IV. 25. (Spikes entirely violet, together with the type); ibidem, 1. V. 25; Bahath-Yehuda 23. III. 24; Rafiah, 5. V. 24 (Spikes partly violet)."
Palestine

Hordeum murinum var. *virens* Coirao, Bull. Soc. Bot. Ital. 1899: 291.
1899, without descr.

"di preferenza nelle stazioni Montane elevate, p.e. nel monte Baldo alla Ferrara, ai Lomini ecc."

Italy

Hordeum muticum Presl, Rel. Haenk. 1: 327. 1830.

"Hab. in montanis Peruviae huancocensibus."

[Haenke, Coll.]

Andes Grasses

Hordeum muticum var. *andicola* (Griseb.) Thell. Mem. Soc. Sci. Nat. Math. Charbourg 36: 157, 159. 1912.

Based on *Hordeum andicola* Griseb.

= *H. muticum* Presl

Andes Gr.

Hordeum muticum var. *compressum* (Griseb.) Thell. Mem. Soc. Sci. Nat. Math. Charbourg 36: 157, 159. 1912.

Based on "*Hordeum compressum* Griseb."

Hordeum muticum var. *compressum* subv. *tenuispicatum* (Stuck) Thell. Mem. Soc. Sci. Nat. Math. Charbourg 36: 159. 1912.

Hordeum compressum tenuispicatum [Hack. et] Stuckert.

Hordeum muticum var. *superatum* (Stuck.) Thell. Mem. Soc. Sci. Nat. Math. Charbourg 36: 157, 159. 1912.

Hordeum compressum superatum Hack. ex Stuck.

Hordeum neglectum Gandog. Oesterr. Bot. Zeitschr. 31: 47. 1881.

Gallia, Ain, secus vias ad pagum St. Bernard (Gdgr.)
sic

Hordeum Melindowii Regel, Bull. Appl. Bot. 5: 1500, 1501, 1506. 1915.

referred to as a "race,"
6-rowed barley = "grasses hexastiques."

grouped among races "mi-précoces" or rather early
"aux barbes lisses"—p. 1508.

U. S. S. R.

Hordeum nepalense Sweet, Hort. Brit. 1: 444. 1826, nom. nud.

Hordeum nigrum Georgi, Deschr. Russ. Reich. 3: 716. 1800,
without descr.

U. S. S. R.

Hordeum nigrum Willd. Ham. Hort. Berol. 1037. 1809.

"Habitat ad Teflin."

Hordeum nodosum L. Sp. Pl. ed. 2. 126. 1762.

"Gramen myosuroides nodosum Raj. Angl. 3. p. 397. t. 20. f. 2." cited by L.

"Habitat in Italia, Anglia."

[L's *H. nodosum* is a mixture, fide Hubbard; description suggests *H. "bulbosum"* L., also a mixture]

U. S. species so called is *H. brachyantherum*
Man. U. S., ed. 2. 269.

Hordeum nodosum [L. misappl. by ?] March.-Dieb. Fl. Taur. Caus. 52. 1805.

Hordeum nodosum Uria, Hort. R. Panorm. 64; Savi, Due Cent. 2: 37.
Not L. 1762.

not verified

Hordeum nodosum var. *boreale* (Scribn. & Smith) Hitchc. Amer. Jour. Bot. 21: 134. 1934.

Hordeum boreale Scribn. & Smith

= *H. brachyantherum* Nevski

Man. U. S. II.

Hordeum nodosum var. *depressum* Scribn. & Smith. U. S. Dept. Agr. Div. Agrost. Bull. 4: 24. 1897. "var. nov."

[Oregon]

[Type: Lexington, Oregon, Leiberg 39]

= *H. depressum* (S. & S.) Rydb. Man. U. S. II

Hordeum nodosum var. *marinum* Koch, Synops 827. 1837.
(Roth)

"*H. maritimum* Roth." not Withering.

Europe

Hordeum nodosum var. *maroccanum* Maire, Bull. Soc. Hist. Nat. Afr. Nord 31: 48. 1940.

"Moyen Atlas: vallée du Senoual près Bekrit, 1800 m (Maire); prairies humides au dessus de la vallée du Senoual sur le Chemin Boudy, vers 2100 m (Maire et Weiller, no. 878)."

North Africa

Hordeum nodosum var. *parviflorum* (Hack.) Henr. & Thell. Med. Rijks. Herb. Leiden No. 40: 75. 1921.

Based on *Hordeum secalinum* var. *parviflorum* Hack. [ex Stuck.]

Argentina

Hordeum nodosum var. *secalinum* (Schreb.) Maire, Bull. Soc. Hist. Nat. Afr. Nord 31: 48. 1940.

Based on "*H. secalinum* Schreb. sensu stricto."

Germany

Hordeum nudifolium Regel, Bull. Appl. Bot. 5: 1501, 1506. 1915, without descr.

"distiques" = 2-rowed "les races nues"
Bull. Bot. Appl. Russia. Exp. Sta.

Hordeum nudum Schult. Mant. 2: 437. 1824.

"Hord. distichum O. seminibus nudis.... Springe Mem. d. Céréal p. 152."

See also: Schuebl. Diss. Inaug. Bot. 43. [1816] Gives Schultze's descr., as well as additional—Schult. does not give Arnaldi though Schuebl. does in parenthesis. This is a dissertation written by Rode and "passed on" by Schuebl., but Pritzel and Harlan both give credit to Schuebl.—Roem. & Schult. give Rode & Schuebl. as joint author. Roem. & Schult. (1824) quote the descr. and reference from Schuebl. Schuebl. in his work [1816] date of thesis & given as date by Pritzel, cites Roem. & Schult. and gives page for Syst. Veg. where the description published in Mant. [1824] is supposed to be inserted.

Hordeum pameli Scribn. & Ball, Suppl. Rep. Iowa Geol. Surv. 1903: 335. 1905.

L. H. Pammel no. 3824, Aug. 8, 1896.

Prairies along O. & N. W. R.R. Dakota City, Iowa.

= *Hordeum montanense*

Man. U. S.

Hordeum pampeanum (Haw.) Herter, Revist. Sudamer. Bot. 6: 147. 1940.

Based on *Hordeum jubatum* var. *pampeanum* Haw.

Prov. Buenos Aires, Argentina

Hordeum parodi Covas, Revista Argentina de Agron. 18: 74. 1951.
fig. 1.

"Sect. Stenostachys."

Tipo: Gobernación del Chubut, Sarmiento, leg. A. Soriano No. 3995, 1-III-1949. (Herbario L. R. Parodi).

Patagonia, Argentina

Hordeum parvum Regel, Bull. Appl. Bot. 5: 1501, 1505. 1915,
without descr.

"grasses hexastiques" = 6 rowed
Bull. Bot. Appl. Russia. Exp. Sta.

On page 1505

this is included among the "grasses tardives parmi les races distiques" which is 2-rowed

Cult.

U.S.S.R.

Hordeum patagonicum (Hauman) Covas, Rev. Argent. Agron. 20: 63. f. 1 A. 1953.

"*H. maritimum* With. subsp. *gussoneanum* (Parlat.) Ascherson et Graebner var. *patagonicum* Hauman, en Anal. Mus. Nac. Hist. Nat. Bs. Aires, 28: 288, 1916"
"Sect. Stenostachys"

Hordeum patulum Moench, Meth. 199. 1794.

"Plantas hortenses"

= "*Elymus canadensis* Linn." cited description applies to that

Cult.

Not in Man. U. S.

X *Hordeum pavisi* Presaub. Bull. Soc. Sci. Angers 38(1908): 54. 1909. Error in Kew 1904.

"*H. maritimum* X *secalinum*"

"Station: Chalonnes-sur-Loire, en plusieurs points, aux environs de la gare des Fourneaux, ou *H. maritimum* abonde et se trouve en contact immédiat avec *H. secalinum*....."

France

Hordeum pavisi var. *fouilladei* Rouy, Bull. Soc. Bot. Deux-Sevres 22: 51, fig. 1. 1910/11.

"aux alentours de Tonnay-Charente (Ch.-Inf.)"
[Charente-Inferieure]

France

Hordeum pavisi var. *Presauberti* Rouy, Bull. Soc. Bot. Deux-Sevres 22: 51, fig. 2. 1910/11.

"(*H. maritimum* *secalinum*)"

"aux alentours de Tonnay-Charente (Ch.-Inf.)"
[Charente - Inferieure]

France

Hordeum perversum Forsk. Fl. Constantinopolitana - Dardanellos et Insel. Tenedos, Imros, Rhodi in Fl. Aegypt. Arab. 19. 1775.

"Brg" = Borghas fons. (p. 17) Name only

Hordeum pilosum Steud. Syn. Fl. Glum. 1: 353. 1854.

Bertero hrbr. 330

Chile

Hordeum plumosum Gilib. Exercit 2: 529. 1792.

Cites: "*Hordeum vulgare* L. scribitur in agris."

Europe

Hordeum polyetichum Hall. f. Nov. Comm. Soc. Reg. Sci. Götting. 6: 5. 1776.

= "synonyma for *tetrastichum* Körnicke, all *lex vulgare*" fide Harlan.

Hordeum polystichum Doell, Rhein. Fl. 66. 1843.

Doell, Fl. Grossherzogthum Baden 1: 119. 1857 cited by Harlan.

[Rhein]

= "all 6-rowed barleys" fide Harlan

Germany

Hordeum polystichum var. *brachyatherum* Aschers. & Graebn. Syn.

Mitteler. Fl. 2: 732. 1902.

Based on *H. vulgare* Gruppe hexastichum var. *brachyatherum* Koern.

"Kornische Braw. V. 164 (19) t. v. fig. 1. [1882] Korn. u. Wern. Handb. Getr. 1. 192. t. III fig 24." cited.

Cult.

Germany

Hordeum polystichum var. *brachyurum* Aschers. & Graebn. Syn.

Mitteler. Fl. 2: 732. 1902.

H. vulgare (hex.) 2. *brachyura* Alef.

Europe

Hordeum polystichum var. *coeleste* (L.) Doell, Fl. Grossh. Baden 1: 119. 1857.

"*H. vulgare* var. *coeleste* L."

source unknown

Hordeum polystichum var. *coerulescens* (Ser.) Aschers. & Graebn. Syn.

Mitteler. Fl. 2: 729. 1902.

Based on *H. vulgare* var. *coerulescens* Ser.

source ?

Hordeum polystichum 2. *cornutum* (Schrad.) Aschers. & Graebn. Syn.

Mitteler. Fl. 2: 731. 1902.

Based on *H. vulgare* var. *cornutum* Schrad.

"(Schrad. Linnaea 12. 471 [1838]....cited.

Hordeum polystichum 1. *curylepis* (Koern.) Aschers. & Graebn. Syn.

Mitteler. Fl. 2: 732. 1902.

Based on "*H. vulgare* (hexast.) var. *curylepis* Korn."

Hordeum polystichum var. *gracilius* (Koern.) Aschers. & Graebn.

Syn. Mitteler. Fl. 2: 732. 1902.

Based on "*H. vulgare* (hexast.) var. *gracilius* Korn."

Hordeum polystichum var. *Hackelii* Ghiesb. Monogr. Rapp. Colon.

Rome No. 19: 52. 1912.

"Io lo raccolsi nel Senese presso Cerà il 27 Ottobre 1909 (2927 bis)"

Hordeum polystichum var. *Houssii* (Koern.) Aschers. & Graebn. Syn.

Mitteler. Fl. 2: 729. 1902.

"*H. vulgare* (tetrast.) var. 10 *Houssii* Korn."

Hordeum polystichum var. *hexastichum* Doell, Rhein. Fl. 66. 1843

Based on "*H. hexastichum* L."

Hordeum polystichum var. *himalayense* (Rittig) Aschers. & Graebn.

Syn. Mitteler. Fl. 2: 730. 1902.

Based on *H. vulgare* var. *himalayense* Rittig, Beschr. Himalayagerste. Wien. 1822.

Hordeum polystichum var. *Horfordianum* (Wittm.) Aschers. & Graebn.

Syn. Mitteler. Fl. 2: 730. 1902.

Based on "*H. vulgare* var. *Horfordianum* Wittm."

Hordeum polystichum var. *leiorhynchum* (Koern.) Aschers. & Graebn.

Syn. Mitteler. Fl. 2: 730. 1902.

Based on "*H. vulgare* (tetrast.) var. 13 *leiorhynchum* Korn."

Hordeum polystichum var. *macroterum* Aschers. & Graebn. Syn.

Mitteler. Fl. 2: 732. 1902.

Europe

Hordeum polystichum var. *nigrum* (Willd.) Aschers. & Graebn. Syn.

Mitteler. Fl. 2: 730. 1902.

Based on *Hordeum nigrum* Willd.

"*H. vulgare* var. '*seminibus nigris*' Willd. Sp. Pl. 1. 472. 1797.

Tiflis

Hordeum polystichum var. *pallidum* (Ser.) Aschers. & Graebn. Syn.

Mitteler. Fl. 2: 729. 1902.

Based on *H. vulgare* var. *pallidum* Ser.

Cult.

Hordeum polystichum var. *parallelum* (Koern.) Aschers. & Graebn.

Syn. Mitteler. Fl. 2: 732. 1902.

Based on "*H. vulgare* (hexast.) var. 3. *parallelum* Korn."

Hordeum polystichum var. *pyramidalum* (Koern.) Aschers. & Graebn.

Syn. Mitteler. Fl. 2: 732. 1902.

Based on "*H. vulgare* (hexast.) var. 2. *pyramidalum* Korn."

Hordeum polystichum 2. *recens* (Koern.) Aschers. & Graebn. Syn.

Mitteler. Fl. 2: 732. 1902.

Based on "*H. vulgare* (hexast.) var. 7 *recens* Korn."

Hordeum polystichum var. *revelatum* (Koern.) Aschers. & Graebn.

Syn. Mitteler. Fl. 2: 732. 1902.

Based on "*H. vulgare* (hexast.) var. *revelatum* Korn."

Hordeum polystichum var. *Schimperianum* (Koern.) Aschers. & Graebn.

Syn. Mitteler. Fl. 2: 732. 1902.

Based on "*H. vulgare* (hexast.) var. 4. *Schimperianum* Korn."

Hordeum polystichum 1. *tortile* (Robert) Aschers. & Graebn. Syn.

Mitteler. Fl. 2: 730. 1902.

Based on "*H. tortile* Robert"

Hordeum polystichum var. *trifurcatum* (Schlecht.) Aschers. & Graebn. Syn.

Mitteler. Fl. 2: 731. 1902.

Based on "*H. coeleste* *trifurcatum* Schlecht."

Cult. Gart. zu Halle aus Montpellier. So. France

Hordeum polystichum var. *vulgare* (L.) Doell, Rhein. Fl. 67. 1843.

Based on "*H. vulgare* L."

Hordeum polystichum var. *Walpersii* Aschers. & Graebn. Syn. Mitteler.

Fl. 2: 730. 1902.

"*H. vulgare* (genuin.) var. 18. *Walpersii* Koern. Syst. Ubers. landw. aer. Poppelsd. 5(1873)." cited. This undescribed.

Oecon.-bot. Gart. der K. Preuss. Cult. landwirtschaftlichen Acad. Poppelsdorf bei Bonn. Prussia.

Hordeum praecox Regel, Bull. Appl. Bot. 6: 1506. 1915.

Grouped under: "races précoces parmi les orges distiques" or early among 2-rowed barley

Bull. Appl. Bot. Exp. Sta. Russia

Hordeum praecox Regel, Bull. Appl. Bot. 7: 784. 1914, nom. semi-nud.; 8: 1506. 1915.

Grouped among "races précoces parmi les orges hexastiques" or early races among 6-rowed barley.

Russia. Bull. Appl. Bot. Exp. Sta.

"qui se cultive près des limites de toute la culture sur les montagnes (2700 m. au-dessus de la mer en Transcaucasie orientale)....."

Russia

Hordeum pratense Huds. Fl. Angl. ed. 2. 56. 1778.

"Habitat in pratis et pascuis humidioribus."

= *H. secalinum* Schreb. fide G. N. Hubb.

Hordeum pratense var. *annuum* Lange, Naturhist. For. Kjöbenhavn

Vid. Medd. II. 1: 54. 1850.

"In pratis ad pagum Guadarrama."

Spain, Lange, Collector

Hordeum pratense var. *brachystachyum* Turcz. Bull. Soc. Nat. Mosc.

29/1 60. 1856.

"in ripis lapideis fl. Schilka."

Hordeum pratense var. *brongniartii* Macleod, in Scott, Rep. Princeton

Univ. Exp. Patagonia 3: 251. 1904.

Based on "*H. secalinum* chilense Brongn. nec Desv."

(Chili); Valdivia; Chubut, on dry hills."

Hordeum pratense var. *desertorum* Griseb. in Ledeb. Fl. ross.

4: 329. 1853.

"Hab. in Rossia australi [des. camp. cans. (M. a. Bieb.)], Sauria (M. a. Bieb., Steven pl. exs.) et provinciis caucasicis (Ruba (Steven), ad ostia Cyri (Hohenack.), inter Baku et Lenkoran (G. A. Meyer)]."

Hordeum pratense var. *nodosum* (L.) Griseb. in Ledeb. Fl. ross.

4: 329. 1853.

Based on *H. nodosum* L. Sp. Pl. 126.

[sp. dub.]

Hordeum pratense var. *pubescens* Petern. Fl. Lips. 69. 1838.

"In pratis humidis, praesertim ad loca salsa, l.c. ad pagos Kötteschan, Klein-Dölsig. ad collem. Bientis etc."

Germany

Hordeum princeps Regel, Bull. Appl. Bot. 6: 1505. 1915.

"sont les races tardives parmi les races distiques." late among 2-rowed barleys

Bur. Bot. Appl. Russia Exp. Sta.

U. S. S. R.

Hordeum Proskovetsii Hábšlek, Publ. Fac. Sci. Univ. Masaryk

(Brno) no. 111. 32. 1929, as syn. of *H. spontaneum* var.

proskovetsii Hábšlek.

Czechoslovakia

Hordeum pseudo-scurinum Tapp. ex Koch, Syn. Fl. Germ. 2: 955. 1843.

"Ad vine in Tyrol australi, (bei Schländers in Vintschgau, Dr. Tappeiner.)."

Tyrol

Hordeum pubescens Cass. Fl. Sic. Prodr. 1: 144. 1827.

"To. Fl. sic. t. 44." cited.

"In herbida, et arenosa inundatis maritima; Palermo a Mondello."

Sicily

Hordeum pubiflorum Hook. f. Fl. Antarct. 388. 1847.

"Hab. Strait of Magalhães; Port Famine, Capt. King."

Patagonia

Hordeum pubiflorum Hook. var. *blomii* (Thell.) Mold. in Hyland.

Nord. Kärivax. 1: 386. 1953.

Based on "*Hordeum* [compositum X jubatum var. *pampeanum* = *H. blomii* Thellung, Bot. Notis. 1927: 191. 1927]" this not given in Hyland. [adventive in Switzerland.]

Hordeum pubiflorum var. *glabrum* Mold. in Hyland. Nord. Kärivax.

1: 386. 1953.

Deser. in Swedish.

no loc. [*H. pubiflorum* is from Straits Magellan]

Hordeum pubiflorum var. *intermedium* (Hau.) Mold. in Hyland. Nord.

Kärivax. 1: 386. 1953.

Based on *H. secalinum* f. *intermedium* Hau. 1916. [date is 1917]

In Hau. Cat. Phanberg, Argentine. Anan. Mus. Mac. Hist. Nat. Buenos Aires 29: 100. 1917 is "*H. secalinum* var. *pubiflorum* (Hook. f.) Hauman, forma *intermedia* Hauman."

Argentina

Hordeum pubiflorum var. *pampeanum* (Hau.) Mold. in Hyland. Nord.

Kärivax 1: 386. 1953.

Based on *Hordeum jubatum* var. *pampeanum* Hau. 1916. title page date is 1917 "(Paru le 5 février)"

Hordeum purpurascens Gandog. Oesterr. Bot. Zeitschr.

31: 46. 1881.

Gallia, Rhône, in incolitis ad Francheville (Odgr.)

"Species spicis purpureis, majoribus, 7 cm. longis, 10 mm. latis, curiosa."

Hordeum pusillum Nutt. Gen. Fl. 1: 87. 1816.

"On the arid and saline plains of the Missouri." [Nuttall]

Man. U. S.

Hordeum pusillum var. *eustachion* (Steud.) Hauman, Anal. Mus. Mac.

Hist. Nat. Buenos Aires 28: 297, pl. 12, fig. 6. 1916.

Based on *H. eustachion* Steud.

Hordeum pusillum var. *pubens* Hitchc. Journ. Washington Acad. Sci.

23: 453. 1933.

Type in the U. S. Nat. Herb. no. 270730, collected at La Verkin, Utah, by Marcus E. Jones (5196W.).

Man. U. S.

Hordeum pyramidatum Regel, Bull. Appl. Bot. 5: 1506. 1915.

grouped among the "races mi-précoces parmi les orges haématiques" or rather early among 6-rowed barley.

U.S.S.R.

Hordeum revelatum (Körn.) Aug. Schult. Ber. d. Deutsch. bot. Ges.

34: 610. 1916.

Presumably based on "*Hordeum hexastichum* var. *revelatum* Körn."

Hordeum richardsoni Regel, Bull. Appl. Bot. 5: 1505. 1915.

"Sont les races tardives parmi les races distiques." late among 2-rowed barleys

Bur. Bot. Appl. Russia Exp. Sta.

Hordeum richii Steud. Syn. Fl. Glum. 1: 353. 1854.

"Richl Brbr. nr. 181. St. Louis, Missouri."

= *H. pusillum*

Man. U. S.

Hordeum rigidum Roth. Cat. 1: 24. 1797.

"Prope Beckmannsfeld (an der auswärtigen Reichskasse in Butjadingerlande des Herzogthums Oldenburg) Junio et Julio observavit alicuius samissimum Trentephol."

Germany

Hordeum rothii Link, Linnaea 17: 392. 1843.

Based on "*H. maritimum* Roth excol. syn. *H. pratense* γ. Roth....*H. nodosum* β *marinum* Koch."

Europe

Hordeum rubens Willk. Oesterr. Bot. Zeitschr. 25: 109. 1875.

"Mallorca: in cultis et ruderalis appidi Söller"....insulis Balearicis 1873 legit Willkomm.

Balearic Is., Mediterranean

Hordeum rupestre Alex. Act. Hort. Tiflis 6: 96. 1902 (as given in

Ind. Lev); Alexenko in Lipaky, Trav. Jard. Imp. de Bot. Tiflis

96. 1902. (Lipaky Fl. Caucas. Suppl. 1)

"regionis silvaticae Dagestanicae mediae distr. Darginus: prope p. Akuscha m. Moora. infra p. Mikhi, ...prope p. Glari, distr. Avaricus: in M. Schukl-meer hand procul Glari; ad fl. Koi-su infra Glari" [Flora Caucasia]

Hordeum rupestre intermedium Alexenko ex Lipaky, Trav. Jard. Imp.

de Bot. Tiflis. 97. 1902. (Lipaky, Fl. Caucas. Suppl. 1.)

"ad H. (H.) dagestanica...prope p. Mikhi." [Flora Caucasi]

Hordeum sativum Pers. Syn. Fl. 1: 108. 1805, as syn. *H. vulgare* L.

Cult.

Europe

Hordeum sativum Jessen, Deutsche Enzyklo. Fl. 531. 1879. Hack. in

Engl. & Pracht. Natur. Pflanzenfam. II. 2: 66. 1867.

Germany

1. *Hordeum vulgare* (sativum) Pers. Syn. Fl. 108. 1805.

"used as a single species to include all cultivated barleys" fide Harlan.

Hordeum sativum Jess. [IV. *Hordeum distichum*] Körn. Arch. Bionte-

logie 2: 432. 1908.

Körn. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

"H. F. no. 63." R. 1 = "ersten künstlichen Kreuzung, welche Wilhelm Rimpau mit *Hordeum tetrastichum trifurcatum* Schl. ♂ und *H. distichum Steudellii* ♀ 1885 vorgenommen hat."

(op. cit. 414)

"refers to Körn. Hauptsach. Form. Saatgerste 1895.

Hordeum sativum var. *aethiopicum* Orl. Bull. Appl. Bot. 20: 294.

f. 3. 1929.

"In Abyssiniae districto Gondara inventum (Vavilov)."

Africa

X *Hordeum sativum* [Gruppe II *Hordeum tetrastichum*] var. *aethiops* Körn.

Arch. Bionteologie 2: 419, 426. 1908.

Körn. disregards these Gruppe Names in his index to his Handb. Getreideb.

"H. F. no. 28." refers to Körn. Hauptsach. Form. Saatgerste 1895.

"R. 1." = "den Ursprung aus der ersten künstlichen Kreuzung, welche Wilhelm Rimpau mit *H. tetrastichum trifurcatum* Schl. ♂ und *H. distichum Steudellii* ♀ 1885 vorgenommen hat."

Hordeum sativum var. *amaricum* Orl. Bull. Appl. Bot. 20: 294.

fig. 1. 1929.

"In Abyssiniae districto Addis-Abeba inventum (Vavilov)."

Africa

Hordeum sativum [Gruppe IV. *Hordeum distichum*] var. *angustispicatum*

Körn. Arch. Bionteologie 2: 421, 432. 1908.

Cult.

Hordeum sativum [Gruppe IV *Hordeum distichum*] var. *angustissimum*

Körn. Arch. Bionteologie 2: 422, 432. 1908.

"R. 2." = "bezeichnet den Ursprung aus der zweiten künstlichen Kreuzung von Wilhelm Rimpau, welche er mit *H. distichum macrochitum* ♀ und *H. tetrastichum* ♂ 1889 vornahm."

= *H. distichum laxum* fide Harlan

Hordeum sativum [Gruppe III. *Hordeum intermedium*] var. *anomalous*

Körn. Arch. Bionteologie 2: 430. 1908.

"H. F. no. 32." refers to Körn. Hauptsach. Form. Saatgerste 1895.

R. 2. = "bezeichnet den Ursprung aus der zweiten künstlichen Kreuzung von Wilhelm Rimpau, welche er mit *H. distichum macrochitum* ♀ und *H. tetrastichum* ♂ 1889 vornahm."

Hordeum sativum var. *amaricum* Orl. Bull. Appl. Bot. 20: 294.

fig. 12. 1929.

"In Abyssiniae districto Fiesi et Erythraeos districto Amara inventum (Vavilov)."

Hordeum sativum [Gruppe II *Hordeum tetrastichum*] var. *atriocarinatum*

Körn. Arch. Bionteologie 2: 418, 425. 1908.

"Der Ursprung ist ebenfalls R. 1." R. 1. = "bezeichnet den Ursprung aus der 2. weiten künstlichen Kreuzung von Wilhelm Rimpau, welche er mit *H. distichum macrochitum* ♀ und *H. tetrastichum trifurcatum* ♂ 1889 vornahm."

Hordeum sativum [Gruppe II *Hordeum tetrastichum*] var. *atrioplicatum*

Körn. Arch. Bionteologie 2: 418, 425. 1908.

"H. F. no. 19." refers to Körn. Hauptsach. Form. Saatgerste 1895.

"Der Ursprung ist derselbe wie bei....*H. hex.* var. *eurylopis* und*H. hex.* *platylepis*."

Cult.

Hordeum sativum [Gruppe 2. *Hordeum tetrastichum*] var. *atrum* Körn.

Arch. Bionteologie 2: 418, 426. 1908.

"H. F. no. 17" refers to Körn. Hauptsach. Form. Saatgerste 1895.

"Der Ursprung ist derselbe wie bei [*H. sativum* (Gruppe II *H. tetrastichum*) var. *Horsfordianum* b. (unnamed form.) also R. 1." R. 1. = "bezeichnet den Ursprung aus der ersten künstlichen Kreuzung, welche Wilhelm Rimpau mit *H. tetrastichum trifurcatum* Schl. ♂ und *H. distichum Steudellii* ♀ 1885 vorgenommen hat."

Hordeum sativum [Gruppe IV *Hordeum distichum*] var. *Beijerinckii*

Körn. Arch. Bionteologie 2: 420, 431. 1908.

"Der Ursprung unbekannt. Ich erhielt sie im Januar 1899 von A. Atterberg."

= *H. distichum palmella macrolysis* fide Harlan.

Hordeum sativum var. *coeleste* (L.) Willm. Blumengart. 1: 1221. 1896.

Based on *Hordeum coeleste* L.

Hordeum sativum [subsp.] commune Atterb. Journ. Landw. 47: 7, 13. 1899.

Landwirtschaftliche Versuchs-Station Kalmar (Schweden).

Harlan (U. S. Dept. Agr. Bull. 622) says "used as a subspecies to designate all barleys with narrow glumes and awned central florets."

Hordeum sativum (ssp.) commune var. *deficiens* Atterb. Journ. Landw. 47: 15. 1899.

On p. 5 under *H. deficiens* Steud. Atterb. says, "Seitenährchen verkümmert. Deren Deckspelen fehlend oder fast fehlend. Für die kleinen Hüllspelen vorhanden. Zweiseilige Formen."

This var. *deficiens* is put under all 4 of his subsp., i.e., *H. s.* (subsp.) commune; *H. s.* (subsp.) *macrolepis*; *H. s.* (subsp.) *furcatum*; *H. s.* (subsp.) *inermis*.

[A.O. does not consider this a taxonomic treatment. See note (typewritten) in back of Harlan's Bull. 622.]

Hordeum sativum ssp. commune var. *deficiens* subv. *erectum* Atterb. Journ. Landw. 47: 15. 1899.

[For explanation see note on *H. sativum* (subsp.) o. var. *muticum* subv. *erectum*]

Hordeum sativum ssp. commune var. *deficiens* subv. *nutans* Atterb. Journ. Landw. 47: 15. 1899.

[For explanation see note on *H. s.* (subsp.) commune var. *muticum* subvar. *nutans*]

Hordeum sativum ssp. commune var. *deficiens* subv. *zeocorithum* Atterb. Journ. Landw. 47: 15. 1899.

[For explanation see note on *H. s.* subsp. o. var. *muticum* subvar. *zeocorithum*]

Hordeum sativum ssp. commune var. *distichum* Atterb. Journ. Landw. 47: 14. 1899.

On p. 5, Atterb. cites *H. distichum* Lam. with the following descr., "Seitenährchen umbragend und unfruchtbar. Deren Deckspelen schmal, kurz lineal. Zweiseilige Formen."

This var. *distichum* is put under all 4 of his subsp., i.e., *H. sativum* (subsp.) commune; *H. sativum* (subsp.) *macrolepis*; *H. s.* (subsp.) *furcatum*; *H. s.* (subsp.) *inermis*.

[A.O. does not consider this a taxonomic treatment. See note (typewritten) in back of Harlan's Bull. 622.]

Hordeum sativum ssp. commune var. *distichum* subv. *erectum* Atterb. Journ. Landw. 47: 15. 1899.

[For explanation see note on *H. sativum* (subsp.) o. var. *muticum* subvar. *erectum*]

Atterb. puts this same subvar. under several of his varieties.

[A.O. does not consider this a taxonomic treatment. See note in back of Harlan's Bull. 622 (typewritten)]

Hordeum sativum ssp. commune var. *distichum* subv. *nutans* Atterb. Journ. Landw. 47: 15. 1899.

[For explanation see note on *H. s.* (subsp.) o. var. *muticum* subvar. *nutans*]

Atterb. puts this same subvar. under several of his varieties. [A.O. does not consider this a taxonomic treatment. See note in back of Harlan's Bull. 622.]

Hordeum sativum ssp. commune var. *distichum* subv. *zeocorithum* Atterb. Journ. Landw. 47: 14. 1899.

[For explanation see note on *H. s.* subsp. o. var. *muticum* subvar. *zeocorithum*]

This same subvar. is given under several of his varieties by Atterberg.

[A.O. does not consider this a taxonomic treatment. See note in Harlan's Bull. 622. (H. & O. Library)]

Hordeum sativum ssp. commune var. *muticum* Atterb. Journ. Landw. 47: 9, 14. 1899.

Landwirtschaftliche Versuchs-Station Kalmar (Schweden)

Harlan (U. S. Dept. Agr. Bull. 622, p. 24) says "muticum Atterberg (1899, p. 5, as subspecies," including all varieties with large flowering glumes in lateral spikelets, whether fertile or infertile."

What does Harlan mean by saying "subspecies" since *muticum* is given as var. of *H. sativum furcatum* as well as *H. sativum commune*?

Hordeum sativum ssp. commune var. *muticum* subv. *erectum* Atterb. Journ. Landw. 47: 14. 1899.

On p. 9 Atterb. says, "Erectum Schübl. Mittlere Länge der Spindelglieder 2.1-2.5 mm. Ähren mittlerer Dichte, gewöhnlich aufrecht stehend." Atterb. puts this same subvar. under several of his varieties.

[A.O. does not consider this a taxonomic treatment. See note in back of Harlan's Bull. 622.]

Hordeum sativum ssp. commune var. *muticum* subv. *hexastichum* Atterb. Journ. Landw. 47: 14. 1899.

[See *H. s.* ssp. commune var. *polystichum* subv. *hexastichum* for explanation]

Hordeum sativum ssp. commune var. *muticum* subv. *nutans* Atterb. Journ. Landw. 47: 14. 1899.

On p. 10 Atterberg says, "Nutans Schübl. Mittlere Länge der Spindelglieder 2.7-4.0 mm. Ähren locker, meistens bei der Reife hangend." Atterb. puts the same subvar. under several of his varieties.

[A.O. does not consider this a taxonomic treatment. See note in back of Harlan's Bull. 622.]

Hordeum sativum ssp. commune var. *muticum* subv. *parallelum* Atterb. Journ. Landw. 47: 14. 1899.

[See *H. sativum* ssp. commune var. *polystichum* subv. *parallelum* for explanation] Atterb. places this subvar. under three of his varieties.

[A.O. does not consider this a taxonomic treatment. See typewritten note at the back of Harlan's Bull. 622 (H. & O. Library)]

Hordeum sativum ssp. commune var. *muticum* subv. *vulgare* Atterb. Journ. Landw. 47: 14. 1899.

On p. 9 Atterb. says, "Vulgare L. Mittlere Länge der Spindelglieder 2.7-4.0 mm. Ähren daher locker gebaut."

This same subvar. is put under several of his varieties by Atterberg.

[A.O. does not consider this a taxonomic treatment. See note in Harlan's Bull. 622.]

Hordeum sativum ssp. commune var. *muticum* subvar. *zeocorithum* Atterb. Journ. Landw. 47: 14. 1899.

On p. 9 Atterb. says, "Zeocorithum L. Mittlere Länge der Spindelglieder 1.7-2.1 mm. Ähren daher sehr dicht."

This same subvar. is given under several of his varieties by Atterberg.

[A.O. does not consider this a taxonomic treatment. See note in Harlan's Bull. 622.]

Hordeum sativum ssp. commune var. *polystichum* Atterb. Journ. Landw. 47: 14. 1899.

Atterb. cites *H. polystichum* Döll. (p. 5) with the description, "Alle sechs Ährenreihen lang begrannt und fruchtbar. Sechseilige Formen."

He puts this same form under *H. s.* (subsp.) *macrolepis* and *H. s.* sp. *furcatum*, but says it is wanting under his *H. s.* (subsp.) *inermis*.

[A.O. does not consider this a taxonomic treatment. See note in back of Harlan's Bull. 622.]

Hordeum sativum ssp. commune var. *polystichum* subv. *hexastichum* Atterb. Journ. Landw. 47: 14. 1899.

On p. 9 Atterb. cites "Hexastichum L. p. p. Mittlere Länge der Glieder der Ährenspindel 1.7-2.1 mm. Ähren daher sehr dicht."

This subvar. is also placed under some of his other varieties.

[A.O. does not consider this a taxonomic treatment. See typewritten note in the back of Harlan's Bull. 622.]

Hordeum sativum ssp. commune var. *polystichum* subv. *parallelum* Atterb. Journ. Landw. 47: 14. 1899.

On p. 9 Atterb. cites "Parallelum Kuhn, s. l. Mittlere Länge der Spindelglieder 2.1-2.5 mm. Ähren daher mittlerer Dichte."

He places this subvar. under three of his varieties.

[A.O. does not consider this a taxonomic treatment. See typewritten note at the back of Harlan's Bull. 622.]

Hordeum sativum ssp. commune var. *polystichum* subv. *vulgare* Atterb. Journ. Landw. 47: 14. 1899.

On p. 9 Atterb. says "Vulgare L. Mittlere Länge der Spindelglieder 2.7-4.0 mm. Ähren daher locker gebaut."

This same subvar. is put under several of his varieties by Atterb.

[See A.O.'s note in Harlan's Bull. 622. She does not consider the above a taxonomic treatment.]

Hordeum sativum ssp. commune var. *rostratum* Atterb. Journ. Landw. 47: 9, 14. 1899.

Landwirtschaftliche Versuchs-Station Kalmar (Schweden)

Harlan (U. S. Dept. Agr. Bull. 622, p. 24) says "rostratum Atterberg (1899, p. 9), is *muticum* except that the awnless spikelets of the former bear hairlike awns."

var. *rostratum* is given under *Hordeum sativum* subsp. *furcatum*, also table p. 14.

Hordeum sativum [gruppe I *Hordeum hexastichum*] var. *compactum* Körn. Arch. Biontologie 2: 417, 424. 1905.

The var. is given under Gruppe I, *Hordeum hexastichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe, according to A.S.H. this could not be taken as subsp.

= *H. vulgare* *horsfordianum* *hexastichum-furcatum* acc. to Harlan.

"Ich erhielt sie im Januar 1899 von Atterberg. Sie ist in allen Jahren konstant geblieben. Der Ursprung ist mir unbekannt. Wahrscheinlich stammt sie aus *H. tetrastrichum trifurcatum* oder *Horsfordianum* und *H. hexastichum pyramidatum brachyurum*."

Hordeum sativum [gruppe II *Hordeum tetrastrichum*] var. *crispicapillum* Körn. Arch. Biontologie 2: 419, 427. 1905.

"H. F. no. 29" refers to Koern. Hauptsach. Form. Saatgerste 1895. "Unterscheidet sich von var. *crispum* nur durch die nackten Körner. Origin from this."

Hordeum sativum [gruppe II *Hordeum tetrastrichum*] var. *crispum* Körn. Arch. Biontologie 2: 419, 426. 1905.

Cites: Rimpau in H. Thiel, Landwirtschaftliche Jahrbücher 20(1891) 358-360, descr. and pl. 23, 130. Origin of above.

"H. F. no. 20" refers to Koern. Hauptsach. Form. Saatgerste 1895.

"Ein spontaner Mischling von *H. tetrastrichum coeleste* L. ♀ mit *H. distichum compositum* Kuhn, ♂, also von einer nackten, einfachen vierzeiligen... (H. 22, 126... mit einer beschalteten, verästelten zweizeiligen Gerste. (H. 23, 129)."

Hordeum sativum [gruppe IV *Hordeum distichum*] var. *decorticatum* Körn. Arch. Biontologie 2: 421, 432. 1905.

"H. F. no. 58" refers to Koern. Hauptsach. Form. Saatgerste 1895.

H. 1 = "Bezeichnet den Ursprung aus der ersten künstlichen Kreuzung, welche Wilhelm Rimpau mit *Hordeum tetrastrichum trifurcatum* Schl. ♂ und *Hordeum distichum Stendallii* ♂ 1885 vorgenommen hat."

Hordeum sativum [gruppe IV *Hordeum distichum*] var. *densum* Körn. Arch. Biontologie 2: 434. 1905.

H. F. no. 68 refers to Koern. Hauptsach. Form. Saatgerste 1895.

H. 2 = "Bezeichnet den Ursprung aus der zweiten künstlichen Kreuzung von Wilhelm Rimpau, welche er mit *H. distichum zeocorithum* ♀ und *H. tetrastrichum trifurcatum* ♂ 1889 vornahm."

Hordeum sativum var. *deltoides* Voss, ex Vilm. Blumengart. 1: 1221. 1896, nom. semi-nud.

Cult.

Hordeum sativum var. *densum* Voss, ex Vilm. Blumengart. 1: 1221. 1896.

Hordeum sativum [gruppe IV, *Hordeum distichum*] var. *densum* Koern. Arch. Biontologie 2: 422, 433. 1905. [Not *H. sativum densum* Voss, 1896]

"H. F. no. 65" refers to Koern. Hauptsach. Form. Saatgerste 1895.

"The var. is given under Gruppe IV *Hordeum distichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe name, acc. to A.S.H. this could not be considered a subsp.

Cult.

Hordeum sativum var. *distichum* (L.) Beck, Flora Nieder-Oesterr.
1: 117. 1890.

"[L. Spec. pl. 85] *H. distichum*.

Hordeum sativum ssp. *distichum* Orlov & Åberg, Fedde Rep. Sp. Nov.
50: 14. 1941.

grex culta Vav. & Orlov.
grex spontanea Vav. & Orlov.
subgrex nutantia R. Reg.
subgrex deficientia R. Reg.

Hordeum sativum ssp. *distichum* var. *abyssinicum* Ser. ex Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 17. 1941.

Hordeum sativum ssp. *distichum* var. *africanum* Vav. in Wulff, Fl.
Cult. Fl. 2: 221. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 17. 1941. In English—
based on var. *africanum* Vav.

Hordeum sativum ssp. *distichum* var. *amaricum* Orlov in Wulff, Fl.
Cult. Fl. 2: 222. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 17. 1941 in English.

Based on var. *amaricum* Orlov.

Hordeum sativum ssp. *distichum* var. *atterbergianum* R. Reg. in
Wulff, Fl. Cult. Fl. 2: 220. 1936, in Russian.

Hordeum sativum ssp. *distichum* var. *atterbergianum* R. Reg. ex
Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 17. 1941.

Hordeum sativum ssp. *distichum* var. *bactrianum* Vav. in Wulff, Fl.
Cult. Fl. 2: 228. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 17. 1941, in English.

Based on var. *bactrianum* Vav.

Hordeum sativum ssp. *distichum* var. *braunii* Körn. ex Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 15. 1941.

Hordeum sativum ssp. *distichum* var. *brunneum* Vav. & Orlov in
Wulff, Fl. Cult. Fl. 2: 210. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 16. 1941, in English

Based on var. *brunneum* Vav. & Orlov.

Hordeum sativum ssp. *distichum* var. *colonicum* Orlov in Wulff, Fl.
Cult. Fl. 2: 214. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 16. 1941, in English.

Based on *colonicum* Orlov.

Hordeum sativum ssp. *distichum* var. *contractum* Körn. ex Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 15. 1941.

Cult.

Hordeum sativum ssp. *distichum* var. *copticum* Vav. in Wulff, Fl.
Cult. Fl. 2: 222. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 17. 1941, in English

Based on var. *copticum* Vav.

Hordeum sativum ssp. *distichum* var. *daghestanicum* Vav. & Orlov in
Wulff, Fl. Cult. Fl. 2: 225. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 17. 1941, in English.

Based on var. *daghestanicum* Vav. & Orlov.

Hordeum sativum ssp. *distichum* var. *deficiens* Steud. ex Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 17. 1941.

Hordeum sativum ssp. *distichum* var. *djimaicum* Orlov in Wulff, Fl.
Cult. Fl. 2: 211. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 16. 1941, in English.

Based on var. *djimaicum* Orlov.

Hordeum sativum ssp. *distichum* var. *erectum* Schöubl. ex Orlov & Åberg,
Rep. Sp. Nov. Fedde 50: 15. 1941.

Hordeum sativum ssp. *distichum* var. *eritreicum* Orlov in Wulff, Fl.
Cult. Fl. 2: 222. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 17. 1941, in English.

Based on var. *eritreicum* Orlov.

Hordeum sativum ssp. *distichum* var. *glabridificiens* Vav. in Wulff,
Fl. Cult. Fl. 2: 218. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 17. 1941.

Based on var. *glabridificiens* Vav.

Hordeum sativum ssp. *distichum* var. *glabriectum* Vav. in Wulff,
Fl. Cult. Fl. 2: 199. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 15. 1941, in English.

Based on var. *glabriectum* Vav.

Hordeum sativum ssp. *distichum* var. *glabrispicatum* Vav. & Orlov in
Wulff, Fl. Cult. Fl. 2: 207. 1936 in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 16. 1941, in English.

Based on var. *glabrispicatum* Vav. & Orlov.

Hordeum sativum ssp. *distichum* var. *griseinum* Vav. & Orlov in
Wulff, Fl. Cult. Fl. 2: 210. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 16. 1941, in English.

Based on var. *griseinum* Vav. & Orlov.

Hordeum sativum ssp. *distichum* var. *heterolepis* Körn. ex Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 15. 1941.

Hordeum sativum ssp. *distichum* var. *insularum* Vav. & Orlov, in
Wulff, Fl. Cult. Fl. 2: 216. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 16. 1941.

Based on var. *insularum* Vav. & Orlov.

Hordeum sativum ssp. *distichum* var. *janthinum* Körn. ex Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 16. 1941.

Hordeum sativum ssp. *distichum* var. *leicheterolepis* Vav. in Wulff,
Fl. Cult. Fl. 2: 201. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 15. 1941.

Based on var. *leicheterolepis* Vav.

Hordeum sativum ssp. *distichum* var. *leiomacrolepis* R. Reg. in
Wulff, Fl. Cult. Fl. 2: 221. 1936, in Russian.

Hordeum sativum ssp. *distichum* var. *leiomacrolepis* R. Reg. ex
Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 17. 1941.

Hordeum sativum ssp. *distichum* var. *macrolepis* A. Br. ex Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 17. 1941.

Hordeum sativum ssp. *distichum* var. *medium* Körn. ex Orlov & Åberg,
Rep. Sp. Nov. Fedde 50: 15. 1941.

Hordeum sativum ssp. *distichum* var. *melanocorithum* Körn. ex Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 15. 1941.

Hordeum sativum ssp. *distichum* var. *meneliki* Vav. in Wulff, Fl.
Cult. Fl. 2: 223. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 17. 1941, in English.

Based on var. *meneliki* Vav.

Hordeum sativum ssp. *distichum* var. *nigrum* Vav. in Wulff, Fl.
Cult. Fl. 2: 211. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 16. 1941.

Based on var. *nigrum* Vav.

Hordeum sativum ssp. *distichum* var. *nigrescens* Körn. ex Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 15. 1941.

Hordeum sativum ssp. *distichum* var. *nigrum* Ser. ex Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 15. 1941.

Hordeum sativum ssp. *distichum* var. *modificiens* Körn. ex Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 17. 1941.

Hordeum sativum ssp. *distichum* var. *mutum* L. ex Orlov & Åberg,
Rep. Sp. Nov. Fedde 50: 16. 1941.

Hordeum sativum ssp. *distichum* var. *mutans* Schöubl. ex Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 15. 1941.

Hordeum sativum ssp. *distichum* var. *palestinicum* Vav. & Orlov in
Wulff, Fl. Cult. Fl. 2: 204. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 15. 1941, in English.

Based on var. *palestinicum* Vav. & Orlov.

Hordeum sativum ssp. *distichum* var. *persicum* Körn. ex Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 15. 1941.

Hordeum sativum ssp. *distichum* var. *rarum* Vav. & Orlov in Wulff,
Fl. Cult. Fl. 2: 205. f. 112. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 16. 1941, in English.

Based on var. *rarum* Vav. & Orlov.

Hordeum sativum ssp. *distichum* var. *solitarium* Vav. & Orlov in
Wulff, Fl. Cult. Fl. 2: 213. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 16. 1941, in English

Based on var. *solitarium* Vav. & Orlov.

Hordeum sativum ssp. *distichum* var. *spontaneum* G. Koch ex Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 17. 1941.

Hordeum sativum ssp. *distichum* var. *Stendellii* Körn. ex Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 17. 1941.

Hordeum sativum ssp. *distichum* var. *suberectum* Orlov in Wulff, Fl. Cult. Fl. 2: 201. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 15. 1941, in English.
Based on var. *suberectum* Orlov.

Hordeum sativum ssp. *distichum* var. *subaeogenes* Orlov in Wulff, Fl. Cult. Fl. 2: 214. f. 114. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 16. 1941, in English.
Based on var. *subaeogenes* Orlov.

Hordeum sativum ssp. *distichum* var. *subnudum* Orlov in Wulff, Fl. Cult. Fl. 2: 211. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 1950: 16. 1941, in English.
Based on var. *subnudum* Orlov.

Hordeum sativum ssp. *distichum* var. *subnutans* Orlov in Wulff, Fl. Cult. Fl. 2: 195. f. 109. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 14. 1941, in English.
Based on var. *subnutans* Orlov.

Hordeum sativum ssp. *distichum* var. *subaeorithum* Orlov in Wulff, Fl. Cult. Fl. 2: 205. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 16. 1941, in English.
Based on var. *subaeorithum* Orlov.

Hordeum sativum ssp. *distichum* var. *syriacum* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 197. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 15. 1941, in English.
Based on var. *syriacum* Vav. & Orlov.

Hordeum sativum ssp. *distichum* var. *transcaasicum* Vav. et Orlov ex Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 17. 1941.

Hordeum sativum ssp. *distichum* var. *turcomanicum* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 227. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 17. 1941, in English.
Based on var. *turcomanicum* Vav. & Orlov.

Hordeum sativum ssp. *distichum* var. *ucrainicum* Baum. ex Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 15. 1941.

Hordeum sativum ssp. *distichum* var. *viride* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 209. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 16. 1941, in English.
Based on var. *viride* Vav. & Orlov.

Hordeum sativum ssp. *distichum* var. *secorithidefiens* Vav. in Wulff, Fl. Cult. Fl. 2: 223. 1936, in Russian.

Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 17. 1941, in English.
Based on var. *secorithidefiens* Vav.

Hordeum sativum ssp. *distichum* var. *secorithum* (L.) Brand in Koch, Syn. Deutsch Fl. ed. 3. 3: 2802. 1907.

Based on *Hordeum secorithum* L.

Hordeum sativum var. *djinnicum* Orlov, Bull. Appl. Bot. Gen. & Pl. Breed. 20: 294. 1929.

"In Abyssiniae districto Djinnia inventum (Vavilov)"

Hordeum sativum ssp. *dubium* Körn. ex Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 15. 1941.

Hordeum sativum [Gruppe IV *Hordeum distichum*] var. *dubium* Körn. Arch. Biontologie 2: 421, 431. 1908.

"Ursprung unbekannt; erhalten von A. Atterberg."

The var. is given under Gruppe IV. *Hordeum distichum* but Körn. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered as subsp.

Hordeum sativum [Gruppe IV. *Hordeum distichum*] var. *duplialbum* Körn. Arch. Biontologie 2: 422, 434. 1908.

"H. F. no. 71." refers to Körn. Hauptsach. Form. Saatgerate 1895

R. 1. "Bezeichnet den Ursprung aus der ersten künstlichen Kreuzung, welche Wilhelm Rimpau mit *Hordeum tetrastichum trifurcatum* Schl. ♂ und *Hordeum distichum Stendellii* ♀ 1885 vorgenommen hat."

The var. is given under Gruppe IV. *Hordeum distichum* but Körn. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum [Gruppe IV *Hordeum distichum*] var. *dupliatum* Körn. Arch. Biontologie 2: 422, 434. 1908.

"H. F. no. 72." refers to Körn. Hauptsach. Form. Saatgerate 1895.

R. 1 = "Bezeichnet den Ursprung aus der ersten künstlichen Kreuzung, welche Wilhelm Rimpau mit *Hordeum tetrastichum trifurcatum* Schl. ♂ und *Hordeum distichum Stendellii* ♀ 1885 vorgenommen hat."

The var. is given under Gruppe IV. *Hordeum distichum* but Körn. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be taken for subsp.

Hordeum sativum [Gruppe II. *Hordeum tetrastichum*] var. *duplinigrum* Körn. Arch. Biontologie 2: 418, 424. 1908.

"H. F. no. 25" refers to Körn. Hauptsach. Form. Saatgerate 1895.

"Sie trat zuerst 1886 auf, zugleich mit var. *nigrum* Willd. und *pallidum* Sefr. Seit 1889 ist Sie konstant."

The var. is given under Gruppe II *Hordeum tetrastichum* but Körn. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be taken as subsp.

Hordeum sativum var. *erectum* (Schnebl.) Voss, ex Vilm. Blumengart. 1: 1221. 1896.

Based on H. *distichum* var. *erectum* Schnebl.

Hordeum sativum var. *erythraeum* Orlov, Bull. Appl. Bot. 20: 294. f. 2. 1929.

"In Erythraee districto Asmara inventum (Vavilov)."

Africa

Hordeum sativum [Gruppe 1. *Hordeum hexastichum*] var. *eurylopis* Körn. Arch. Biontologie 2: 417, 423. 1908.

Cites "H F no. 7" which refers to Körn. Hauptsach. Form. Saatgerate 1895.

"Bejerinck befruchtete (1854?) H. dist. *macrolopis* A. Br. ♀ mit H. *hexastichum* L. und Schickte mir von der Ernte im Herbst 1885."

The var. is given under Gruppe 1 *Hordeum hexastichum* but Körn. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum ssp. *furcatum* Atterb. Journ. Landw. 47: 7, 41. 1899.

Landwirtschaftliche Versuchs-Station Kalmar (Schweden)

Harlan (Bull. 622) says, "furcatum Atterberg (1899, p. 7) used as subspecies, including all hooded forms with linear outer glumes"

Hordeum sativum ssp. *furcatum* var. *deficiens* Atterb. Journ. Landw. 47: 16. 1899.

[See explanation under H. s. ssp. *commune* var. *deficiens*]

This var. is put under all 4 of his subsp. [A.O. does not consider this a taxonomic treatment. See note (typewritten) in back of Harlan's Bull. 622 (H. & C. Libr.)]

Hordeum sativum ssp. *furcatum* var. *deficiens* subv. *nutans* Atterb. Journ. Landw. 47: 16. 1899.

[For explanation see note on H. s. ssp. *commune* var. *nutans* subv. *nutans*]

Hordeum sativum ssp. *furcatum* var. *distichum* Atterb. Journ. Landw. 47: 16. 1899.

[For explanation see note under H. s. ssp. *commune* var. *distichum*]

Hordeum sativum ssp. *furcatum* var. *distichum* subv. *erectum* Atterb. Journ. Landw. 47: 16. 1899.

[For explanation see note on H. *sativum* ssp. *commune* var. *nutans* subv. *erectum*]

Hordeum sativum ssp. *furcatum* var. *distichum* subv. *nutans* Atterb. Journ. Landw. 47: 16. 1899.

[For explanation see note on H. s. ssp. *commune* var. *nutans* subv. *nutans*]

Atterb. puts this same subv. under several of his varieties.

[A.O. does not consider this a taxonomic treatment. See note in back of Harlan's Bull. 622 (H. & C. Libr.)]

Hordeum sativum ssp. *furcatum* var. *distichum* subv. *secorithum* Atterb. Journ. Landw. 47: 16. 1899.

[For explanation see note on H. s. ssp. *commune* var. *nutans* subv. *secorithum*]

This same subv. is given under several of his varieties by Atterberg.

A.O. does not consider this a taxonomic treatment. See note in back of Harlan's Bull. 622. H. & C. library]

Hordeum sativum ssp. *furcatum* var. *nutans* Atterb. Journ. Landw. 47: 8, 16. 1899.

[A.O. does not consider this a taxonomic treatment. Same varietal name used under different subsp. See note in back of Harlan's Bull. 622 in H. & C. lib.]

Harlan (Bull. 622 p. 24) says, "nutans Atterberg (1899, p. 8), as subspecies", including all varieties with large flowering glumes in lateral spikelets, whether fertile or infertile."

[What does Harlan mean by saying subspecies since "nutans" is given as var. of subsp. *commune* (H. *sativum*) as well as H. s. *furcatum*.]

Hordeum sativum ssp. *furcatum* var. *nutans* subv. *nutans* Atterb. Journ. Landw. 47: 16. 1899.

[For explanation see note on H. s. (ssp.) *commune* var. *nutans* subv. *nutans*]

Hordeum sativum (ssp.) *furcatum* var. *nutans* subv. *vulgare* Atterb. Journ. Landw. 47: 16. 1899.

On p. 9 Atterb. says, "Vulgare L. Mittlere Länge der Spindelglieder 2,7-4,0 mm. Ähren daher locker gebaut."

This same var. is put under several of his varieties by Atterberg.

[A.O. does not consider this a taxonomic treatment. See note in Harlan's Bull. 622.]

Hordeum sativum (ssp.) *furcatum* var. *polystichum* Atterb. Journ. Landw. 47: 16. 1899.

Atterb. cites H. *polystichum* Döll. (p. 8) with the description, "Alle sechs Ährenreihen sind begrannt und fruchtbar. Sechszellige Formen."

He puts this same form under H. s. (ssp.) *commune* and (ssp.) *macrolopis*, but says it is wanting under his H. s. (ssp.) *inermis*.

[A.O. does not consider this a taxonomic treatment. See note (typewritten) in the back of Harlan's Bull. 622.]

Hordeum sativum (ssp.) *furcatum* var. *polystichum* subv. *hexastichum* Atterb. Journ. Landw. 47: 16. 1899.

[See H. s. (ssp.) *commune* var. *polystichum* subv. *hexastichum* for explanation]

Hordeum sativum (ssp.) *furcatum* var. *polystichum* subv. *vulgare*
Atterb. Journ. Landw. 47: 16. 1899.

On p. 9 Atterb. says, "Vulgare L. Mittlere Länge der Spindelglieder 2.7-4.0 mm. Ährchen daher locker gebaut."

This same var. is put under several of his varieties by Atterberg.

[A.C. does not consider this a taxonomic treatment. See note in Harlan's Bull. 622.]

Hordeum sativum (ssp.) *furcatum* var. *rostratum* Atterb. Landw. 47: 9, 16. 1899.

[A.C. does not consider this a taxonomic treatment. Same varietal name used under different subsp. *Rostratum* means beaked. See note in back of Harlan's paper]

"Landwirtschaftliche Versuchs-Station Kalmars (Schweden)."

Harlan (Bull. 622 p. 24) says "rostratum Atterberg (1899, p. 9), as muticum, except that the awnless spikelets of the former bear hairlike awns."

Hordeum sativum var. *glabriparallelum* Gril. Bull. Appl. Bot. 20: 294. 1929.

"In *Erythraea distichia* Lamara inventum (Vavilov)."

Africa

Hordeum sativum [Group name III, *Hordeum intermedium*] var. *gymnanomalum* (Koern.) Koern. Arch. Biontologie 2: 419, 430. 1908.

Based on *Hordeum vulgare* (Gruppe 3, *Hordeum intermedium*) var. *gymnanomalum* Koern.

"H. F. no. 33." cited. [This refers to Koern. Hauptsach. Form. Saatgarste 1895, p. 5. 1895. It is given here as var. under "Dritte Gruppe, *Hordeum intermedium* Kohn." which is given under "*Hordeum vulgare* L. sensu latiore."

Cult.

The var. is given under Gruppe III *Hordeum intermedium* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum [Gruppe IV *Hordeum distichum*] var. *gymnocritum*
Körn. Arch. Biontologie 2: 431. 1908.

"H. F. no. 45." refers to Koern. Hauptsach. Form. Saatgarste 1895, p. 2 = bezeichnet den Ursprung aus der zweiten künstlichen Kreuzung von Wilhelm Rimpau mit *Hordeum tetrastichum trifurcatum* Schl. ♂ und *Hordeum distichum* Steudellii ♀ 1885 vorgenommen hat."

The var. is given under Gruppe IV, *Hordeum distichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum [Gruppe IV *Hordeum distichum*] var. *gymnospermum*
Körn. Arch. Biontologie 2: 422, 433. 1908.

"H. F. no. 66." refers to Koern. Hauptsach. Form. Saatgarste 1895.

"H. 1" = bezeichnet den Ursprung aus der ersten künstlichen Kreuzung, welche Wilhelm Rimpau mit *Hordeum tetrastichum trifurcatum* Schl. ♂ und *Hordeum distichum* Steudellii ♀ 1885 vorgenommen hat."

Hordeum sativum [Gruppe III *Hordeum intermedium*] var. *Hartoni*
Koern. Arch. Biontologie 2: 419, 427. 1908.

[See *Hordeum vulgare* Gruppe III var. *hartoni* Koern.]

"Diese bei mir neu entstandene Varietät existierte schon früher in landwirtschaftlicher Kultur in Schottland. John Harton beschrieb sie in Norton, Cyclopaedia of Agriculture (1869) 1, p. 183 als *Berg* showing in Transmutation into Barley."

Hordeum sativum [Gruppe IV *Hordeum distichum*] var. *heterolepis*
Koern. Arch. Biontologie 2: 420, 431. 1908.

Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Cult.

Hordeum sativum var. *hematichon* (L.) Richt. Fl. Eur. 1: 130. 1890.

Based on *H. hematichon* L.

Hordeum sativum [Gruppe IV *Hordeum distichum*] var. *hypianthinum*
Körn. Arch. Biontologie 2: 430. 1908.

"H. F. no. 35." refers to Koern. Hauptsach. Form. Saatgarste 1895.

"V. Rimpau fand sie 1885 unter *H. tetrastichum violaceum*. Der Ursprung ist wahrscheinlich *H. tetrastichum violaceum* ♀ X *H. distichum nutans* ♂."

The var. is given under Gruppe IV, *Hordeum distichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum [Gruppe IV *Hordeum distichum*] var. *ianthinum* Körn.
Arch. Biontologie 2: 420, 431. 1908.

"H. F. no. 47" refers to Koern. Hauptsach. Form. Saatgarste 1895.

"Der Ursprung ist wahrscheinlich *H. tetrastichum violaceum* ♀ X *H. distichum nutans* ♂."

The var. is given under Gruppe IV, *Hordeum distichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum var. *inaequale* Voss. ex Viln. Blumengart. 1: 1220. 1896.

Cites as syn. "H. vulgare L. pro max. parte, *H. hematichon* Auct."

Hordeum sativum [ssp.] *inermis* Atterb. Journ. Landw. 47: 7, 43. 1899.

"Landwirtschaftliche Versuchs-Station Kalmars (Schweden)."

Harlan (Bull. 622, p. 24) says "inermis Atterberg (1899, p. 7), used as subspecies including all awnless varieties"

Hordeum sativum [Gruppe IV *Hordeum distichum*] var. *inermis* Körn.

Arch. Biontologie 2: 422, 433. 1908.

"H. F. no. 67." refers to Koern. Hauptsach. Form. Saatgarste 1895.

H. 1 = bezeichnet den Ursprung aus der ersten künstlichen Kreuzung, welche Wilhelm Rimpau mit *Hordeum tetrastichum trifurcatum* Schl. ♂ und *Hordeum distichum* Steudellii ♀ 1885 vorgenommen hat."

The var. is given under Gruppe IV, *Hordeum distichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum (ssp.) *inermis* var. *deficiens* Atterb. Journ. Landw. 47: 16. 1899.

[See explanation under *H. s. (ssp.) commune* var. *deficiens*]

Hordeum sativum (ssp.) *inermis* var. *deficiens* subv. *nutans* Atterb.
Journ. Landw. 47: 16. 1899.

[For explanation see note on *H. s. (ssp.) commune* var. *nutans* subv. *nutans*]

Hordeum sativum (ssp.) *inermis* var. *distichum* Atterb. Journ. Landw. 47: 16. 1899.

[For explanation see note on *H. s. (ssp.) commune* var. *distichum*]

This var. *distichum* is put under all 4 of his subspecies.

[A.C. does not consider this taxonomic treatment]

Hordeum sativum (ssp.) *inermis* var. *distichum* subv. *nutans* Atterb.
Journ. Landw. 47: 16. 1899.

[For explanation see note on *H. s. (ssp.) commune* var. *nutans* subv. *nutans*]

Hordeum sativum (ssp.) *inermis* var. *nuticum* Atterb. Journ. Landw. 47: 15. 1899.

Atterb. places var. *nuticum* under all 4 of his subspecies, i.e., *H. s. (ssp.) commune*; *H. s. (ssp.) macrolepis*; *H. s. (ssp.) furcatum*; and *H. s. (ssp.) inermis*.

On p. 8 he gives a description of his *H. nuticum* Atterb. Svenska Landb. Akad. Tidkrift 1895.

[A.C. does not consider the above treatment taxonomic. See note in the back of Harlan's Bull. 622.]

Hordeum sativum (ssp.) *inermis* var. *nuticum* subv. *vulgare* Atterb.
Journ. Landw. 47: 16. 1899.

On p. 9 Atterb. says, "Vulgare L. Mittlere Länge der Spindelglieder 2.7-4.0 mm. Ährchen daher locker gebaut."

This same var. is put by Atterberg under several of his varieties.

[A.C. does not consider it a taxonomic treatment. See note in Harlan's Bull. 622.]

Hordeum sativum ssp. *intermedium* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 228. 1936. in Russian.

in English, Orlov & Åberg, Rep. Sp. Nov. Fedde 50: 6, 18. 1941.

"sharply distinguished from the group *intermedium* Körn., to which Körnicks referred all hybrids. The ssp. *intermedium* Vav. & Orlov comprises the different forms which constitute a combination of the two subspecies *vulgare* and *distichum*."

no type specimen cited.

Hordeum sativum [Gruppe IV, *Hordeum distichum*] var. *Krausianum* (Witt.) Körn. Arch. Biontologie 2: 422, 434. 1908.

"Witt. Sitzber. d. Ges. Naturforsch. Freunde zu Berlin 1855, S. 1." cited. According to A.C. *Hordeum vulgare* var. *Krausianum* Witt. given here is a suggested segregate from *H. vulgare erectum* Schubl. Not described.]

"So nach der Beschreibung von L. Wittmack, welcher sie von Dr. Kraus, damals in Triesdorf (Bayern) im Oktober 1854 erhielt."

Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a ssp.

Hordeum sativum [Gruppe II *Hordeum tetrastichum*] var. *latiglumatum*
Körn. Arch. Biontologie 2: 418, 424. 1908.

"H. F. no. 18" refers to Körn. Hauptsach. Form. Saatgarste 1895.

"Der Ursprung ist derselbe wie...H. hex. eurylepis und...H. hex. platylepis. Beijerinck befruchtete (1884) *H. distichum macrolepis* ♀ mit *H. hexastichum* ♂ und schickte 1885 Ähren an mich. ...Die eine derselben, entsprechend der jetzigen *H. hex. platylepis* ergab 1887 vier verschiedene Varietäten und Zwischenformen, von denen die eine unserer var. *latiglumatum* entsprach. Sie ist seit 1888 konstant." Cult.

The var. is given under Gruppe II *Hordeum tetrastichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum [Gruppe IV *Hordeum distichum*] var. *latispicatum*
Körn. Arch. Biontologie 2: 421, 432. 1908.

"H. F. no. 60." refers to Körn. Hauptsach. Form. Saatgarste 1895.

H. 2 = bezeichnet den Ursprung aus der zweiten künstlichen Kreuzung von Wilhelm Rimpau, welche er mit *H. distichum securithum* ♀ und *H. tetrastichum trifurcatum* ♂ 1885 vornahm."

The var. is given under Gruppe IV, *Hordeum distichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum var. *laxum* Voss ex Viln. Blumengart. 1: 1221. 1896.

Hordeum sativum [Gruppe IV, *Hordeum distichum*] var. *laxum* Körn.
Arch. Biontologie 2: 422, 432. 1908. [Not *H. sativum laxum* Voss. 1896.]

"H. F. no. 64" refers to Körn. Hauptsach. Form. Saatgarste 1895.

H. 2 = bezeichnet den Ursprung aus der zweiten künstlichen Kreuzung von Wilhelm Rimpau, welche er mit *H. distichum securithum* ♀ und *H. tetrastichum trifurcatum* ♂ 1885 vornahm."

The var. is given under Gruppe IV, *Hordeum distichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a ssp.

Hordeum sativum var. *liberum* Voss. ex Viln. Blumengart. 1: 1221. 1896.

H. sativum var. *Rimpau* Voss. nicht Wittmack.

Hordeum sativum ssp. *macrolepis* Atterb. Journ. Landw. 47: 7, 37. 1899.

"Landwirtschaftliche Versuchs-Station Kalmars (Schweden)."

Harlan (Bull. 622) says "macrolepis Atterberg (1899, p. 7), used as subspecies, including varieties with wide outer glumes on the central spikelet."

Hordeum sativum (ssp.) *macrolepis* var. *deficiens* Atterb. Journ. Landw. 47: 15. 1899.

[See explanation under *H. s. (ssp.) commune* var. *deficiens*]

Hordeum sativum (ssp.) *macrolepis* var. *deficiens* subv. *erectum* Atterb. Journ. Landw. 47: 15. 1899.

[For explanation see note on *H. sativum* (ssp.) *commune* var. *nuticum* subv. *erectum*]

Hordeum sativum (ssp.) *macrolepis* var. *deficiens* subv. *nutans*
Atterb. Journ. Landw. 47: 15. 1899.

[For explanation see note on *H. s.* (ssp.) *commune* var. *nutans* subv. *nutans*]

Hordeum sativum (ssp.) *macrolepis* var. *distichum* Atterb. Journ. Landw. 47: 15. 1899.

[For explanation see Note under *H. s.* ssp. *commune* var. *distichum*]

Hordeum sativum (ssp.) *macrolepis* var. *distichum* subv. *nutans*
Atterb. Journ. Landw. 47: 15. 1899.

[For explanation see note on *H. s.* (ssp.) *commune* var. *nutans* subv. *nutans*]

Hordeum sativum (ssp.) *macrolepis* var. *nutans* Atterb. Journ. Landw. 47: 15. 1899.

Atterb. places var. *nutans* under all 4 of his subspecies, i. e., *H. s.* (ssp.) *commune*; *H. s.* (ssp.) *macrolepis*; *H. s.* (ssp.) *trifurcatum*; and *H. s.* (ssp.) *inermis*.

On page 8 he gives a description of his *H. nutans* Atterb. Svenska Landt. Akad. Tidskrift 1895.

[A.O. does not consider the above treatment taxonomic. See note in the back of Harlan's Bull. 622.]

Hordeum sativum (ssp.) *macrolepis* var. *nutans* subv. *nutans*
Atterb. Journ. Landw. 47: 15. 1899.

[For explanation see note on *H. s.* (ssp.) *commune* var. *nutans* subv. *nutans*]

Hordeum sativum (ssp.) *macrolepis* var. *nutans* subv. *vulgare*
Atterb. Journ. Landw. 47: 15. 1899.

On p. 9 Atterb. says, "Vulgare L. Mittlere Länge der Spindelglieder 2,7-4,0 mm. Ährchen daher locker gebaut."

This same var. is put under several of his varieties by Atterberg.

[A.O. does not consider this a taxonomic treatment. See note in Harlan's Bull. 622.]

Hordeum sativum (ssp.) *macrolepis* var. *polystichum* Atterb. Journ. Landw. 47: 15. 1899.

Atterb. cites *H. polystichum* Döll. (p. 8) with the description, "Alle sechs Ährenreihen lang begrenzt und fruchtbar. Rechenförmige Formen."

He puts this same form under *H. s.* (ssp.) *commune* and *H. s.* (ssp.) *trifurcatum*, but says it is wanting under his *H. s.* (ssp.) *inermis*.

[A.O. does not consider this a taxonomic treatment. See note (typewritten) in the back of Harlan's Bull. 622.]

Hordeum sativum ssp. *macrolepis* var. *polystichum* subv. *hexastichum*
Atterb. Journ. Landw. 47: 15. 1899.

[See *H. s.* (ssp.) *commune* var. *polystichum* subv. *hexastichum* for explanation]

Hordeum sativum (ssp.) *macrolepis* var. *polystichum* subv. *parallelum* Atterb. Journ. Landw. 47: 15. 1899.

[See *H. s.* (ssp.) *commune* var. *polystichum* subv. *parallelum* for explanation]

Hordeum sativum (ssp.) *macrolepis* var. *polystichum* subv. *vulgare*
Atterb. Journ. Landw. 47: 15. 1899.

On p. 9 Atterb. says, "Vulgare L. Mittlere Länge der Spindelglieder 2,7-4,0 mm. Ährchen daher locker gebaut."

This same subv. is put under several of his varieties by Atterberg.

[A.O. does not consider this a taxonomic treatment. See note in Harlan's Bull. 622]

Hordeum sativum var. *meneliki* Orl. Bull. Appl. Bot. 20: 254. 1929.

"In *Erythraene districto Asmara inventum* (Vavilov)."

Africa

Hordeum sativum [Gruppe III *Hordeum intermedium*] var. *Mortoni*
Koern. Arch. Biontologie 2: 419, 429. 1908.

"Sie entstand aus *H. tetrastichum nigrum*, der schwarzen Wintergerste aus Tiflis, als sich 1898 zum erstenmale bei derselben Abweichungen zeigten [*H. sativum* (Gruppe III *H. intermedium*) var. *haxtoni*]. Sie war 1904 noch nicht konstant."

The var. is given under Gruppe III *Hordeum intermedium* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum [Gruppe IV. *Hordeum distichum*] var. *neogenes* Körn. Arch. Biontologie 2: 420, 430. 1908.

H. F. no. 46, "refers to Koern. Hauptsach. Form Saatgerste 1895.

R. 2 "bezeichnet den Ursprung aus der zweiten künstlichen Kreuzung von Wilhelm Rimpau, welche er mit *H. distichum seorithum* ♀ und *H. tetrastichum trifurcatum* ♂ 1889 vornahm."

The var. is given under Gruppe IV. *Hordeum distichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum [Gruppe IV. *Hordeum distichum*] var. *nigrescens* Körn. Arch. Biontologie 2: 420, 430. 1908.

"Sie trat bei mir zuerst 1875 unter einer Sorte der var. *nigricans* Sér. ... Vielleicht durch Bestäubung der var. *nigricans* mit var. *nutans* entstanden."

The var. is given under Gruppe IV. *Hordeum distichum*, but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Cult.

Hordeum sativum [Gruppe II *Hordeum tetrastichum*] var. *nigritoneum*
Körn. Arch. Biontologie 2: 419, 426. 1908.

X R. 1 = "bezeichnet den Ursprung aus der ersten künstlichen Kreuzung, welche Wilhelm Rimpau mit *H. tetrastichum trifurcatum* Schl. ♂ und *H. distichum Steudellii* ♀ 1885 vorgenommen hat."

Hordeum sativum [Gruppe IV *Hordeum distichum*] var. *nudifoliosum*
Körn. Arch. Biontologie 2: 421, 432. 1908.

"H. F. no. 57" refers to Koern. Hauptsach. Form. Saatgerste 1895.

R. 1 = "bezeichnet den Ursprung aus der ersten künstlichen Kreuzung, welche Wilhelm Rimpau mit *Hordeum tetrastichum trifurcatum* Schl. ♂ und *Hordeum distichum Steudellii* ♀ 1885 vorgenommen hat."

Hordeum sativum [Gruppe IV *Hordeum distichum*] var. *nudidubium* Körn. Arch. Biontologie 2: 421, 431. 1908.

"Ursprung unbekannt; erhalten von A. Atterberg."

The var. is given under Gruppe IV. *Hordeum distichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum [Gruppe III *Hordeum intermedium*] var. *nudihaxtoni*
Koern. Arch. Biontologie 2: 419, 429. 1908.

R. 2 = "bezeichnet den Ursprung aus der zweiten künstlichen Kreuzung von Wilhelm Rimpau, welche er mit *H. distichum seorithum* ♀ und *H. tetrastichum trifurcatum* ♂ 1889 vornahm."

Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be taken as subsp.

Hordeum sativum [Gruppe I. *Hordeum hexastichum*] var. *nudipyramidatum* Koern. Arch. Biontologie 2: 417, 424. 1908.

"H. F. no. 9" refers to Koern. Hauptsach. Form. Saatgerste 1895.

"Aus *H. distichum seorithum* ♀ X *H. tetrastichum trifurcatum* ♂ Seit 1895 konstant."

Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum [Gruppe II *Hordeum tetrastichum*] var. *nuditonsum*
Körn. Arch. Biontologie 2: 419, 426. 1908.

R. 2 = "bezeichnet den Ursprung aus der ersten künstlichen Kreuzung, welche Wilhelm Rimpau mit *H. tetrastichum trifurcatum* Schl. ♂ und *H. distichum Steudellii* ♀ 1885 vorgenommen hat."

The var. is given under Gruppe II. *Hordeum tetrastichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be taken as subsp.

Hordeum sativum [Gruppe III *Hordeum intermedium*] var. *nuditransiens*
Körn. Arch. Biontologie 2: 419, 430. 1908.

R. 2. "bezeichnet den Ursprung aus der zweiten künstlichen Kreuzung von Wilhelm Rimpau, welche er mit *H. distichum seorithum* ♀ und *H. tetrastichum trifurcatum* ♂ 1889 vornahm."

Cult.

This var. is given under Gruppe III. *Hordeum intermedium* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum var. *nudum* (L.) Vilm. Blumengart. 1: 1221. 1896.

Based on *Hordeum nudum* L.

Hordeum sativum var. *nutans* (Schuebl.) Voss. ex Vilm. Blumengart. 1: 1221. 1896.

Based on *H. distichum* var. *nutans* Schuebl.

Hordeum sativum X *ovatum* Aschers. & Graeb. Syn. Mitteleur. Flora 2: 713. 1902.

(Languedoc; Italien; Sizilien; Algerien)

Hordeum sativum [Gruppe II *Hordeum tetrastichum*] var. *pallidum*
(Sér.) Koern. Arch. Biontologie 2: 417. 1908.

Based on *Hordeum vulgare* var. *pallidum* Sér.

The var. is given under Gruppe II. *Hordeum tetrastichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum var. *parallelum* (Koern.) Voss. ex Vilm. Blumengart. 1: 1220. 1896.

Based on *Hordeum vulgare* var. *parallelum* Koern.

Hordeum sativum [Gruppe III *Hordeum intermedium*] var. *pavoninum*
Körn. Arch. Biontologie 2: 419, 429. 1908.

R. 2 = "bezeichnet den Ursprung aus der zweiten künstlichen Kreuzung von Wilhelm Rimpau, welche er mit *H. distichum seorithum* ♀ und *H. tetrastichum trifurcatum* ♂ 1889 vornahm."

The var. is given under Gruppe III *Hordeum intermedium* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum [Gruppe I. *Hordeum hexastichum*] var. *platylepis*
Koern. Arch. Biontologie 2: 417, 424. 1908.

"H. F. no. 8" refers to Koern. Hauptsach. Form. Saatgerste 1895.

The var. is given under the Gruppe name *Hordeum hexastichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum [Gruppe IV *Hordeum distichum*] var. *pseudabyssiolum*
Körn. Arch. Biontologie 2: 421, 432. 1908.

"Ursprung unbekannt. Erhalten von A. Atterberg."

The var. is given under Gruppe IV. *Hordeum distichum*, but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum [Gruppe I. *Hordeum hexastichum*] var. *recessum* Koern. Arch. Biontologie 2: 417, 423. 1908.

"Ausserdem entstand unsere Varietät aus der Kreuzung, welche W. Rimpau 1889 mit *H. dist. seorithum* ♀ und *H. tetr. trifurcatum* ♂ machte."

The var. is given under Gruppe I *Hordeum hexastichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum [Gruppe IV. *Hordeum distichum*] var. *Rimpaui* Wittm. ex Koern. Arch. Biontologie 2: 421, 432. 1908.

"R. 1" bezeichnet den Ursprung aus der ersten künstlichen Kreuzung, welche Wilhelm Rimpau mit *Hordeum tetrastichum trifurcatum* Schl. ♂ und *Hordeum distichum Steudellii* ♀ 1885 vorgenommen hat."

The var. is given under Gruppe IV. *Hordeum distichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum [Gruppe IV *Hordeum distichum*] var. *Schweinfurthii*
Koern. Arch. Biontologie 2: 420. 1908.

"synonym for *H. distichum nigricans*" acc. to Harlan

Hordeum sativum [Gruppe II *Hordeum tetrastichum*] var. *subaethiops*
Körn. Arch. Biontologie 2: 418, 425. 1908.

R. 1 = "Bezeichnet den Ursprung aus der Zweiten künstlichen Kreuzung von Wilhelm Rimpau, welche er mit *H. distichum scodritum* ♀ und *H. tetrastichum trifurcatum* ♂ 1889 vornahm."

The var. is given under Gruppe II *Hordeum tetrastichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum [Gruppe IV *Hordeum distichum*] var. *subatterbergii*
Koern. Arch. Biontologie 2: 430. 1908.

The var. is given under Gruppe IV. *Hordeum distichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

= "synonym for *H. intermedium nudihartoni nuditransiens*" acc. to Harlan

Hordeum sativum [Gruppe IV *Hordeum distichum*] var. *subcompositum*
Koern. Arch. Biontologie 2: 422, 434. 1908.

The var. is given under Gruppe IV. *Hordeum distichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

R. 1 = "Bezeichnet den Ursprung aus der ersten künstlichen Kreuzung welche Wilhelm Rimpau mit *Hordeum tetrastichum trifurcatum* Schbl. ♂ und *Hordeum distichum Steudelii* ♀ 1885 vorgenommen hat."

= "a compound form of *H. distichum nudum*" acc. Harlan

Hordeum sativum [Gruppe II *Hordeum tetrastichum*] var. *subcornutum*
Körn. Arch. Biontologie 2: 418, 425. 1908.

"Der Ursprung wie bei [*Hordeum sativum* (II Gruppe *H. tetrastichum*) var. *duplinigrum*, also R. 1."

R. 1 = "den Ursprung aus der Zweiten künstlichen Kreuzung von Wilhelm Rimpau, welche er mit *H. distichum scodritum* ♀ und *H. tetrastichum trifurcatum* ♂ 1889 vornahm."

Hordeum sativum [Gruppe IV *Hordeum distichum*] var. *subcussatum*
Körn. Arch. Biontologie 2: 434. 1908.

"H. F. no. 70" refers to Koern. Hauptsach. Form. Saatgerste 1895.

R. 1 = "Bezeichnet den Ursprung aus der ersten künstlichen Kreuzung welche Wilhelm Rimpau mit *Hordeum tetrastichum trifurcatum* Schbl. ♂ und *Hordeum distichum Steudelii* ♀ 1885 vorgenommen hat."

The var. is given under Gruppe IV. *Hordeum distichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum [Gruppe IV *Hordeum distichum*] var. *subduplialbum*
Körn. Arch. Biontologie 2: 422, 434. 1908.

R. 1 = "Bezeichnet den Ursprung aus der ersten künstlichen Kreuzung welche Wilhelm Rimpau mit *Hordeum tetrastichum trifurcatum* Schbl. ♂ und *Hordeum distichum Steudelii* ♀ 1885 vorgenommen hat."

Hordeum sativum [Gruppe IV *Hordeum distichum*] var. *subdupliatum*
Körn. Arch. Biontologie 2: 422, 434. 1908.

The var. is given under Gruppe IV. *Hordeum distichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

R. 1 = "Bezeichnet den Ursprung aus der ersten künstlichen Kreuzung, welche Wilhelm Rimpau mit *Hordeum tetrastichum trifurcatum* Schbl. ♂ und *Hordeum distichum Steudelii* ♀ 1885 vorgenommen hat."

Hordeum sativum [Gruppe III *Hordeum intermedium*] var. *subhartoni*
Koern. Arch. Biontologie 2: 419, 429. 1908.

The var. is given under Gruppe III *Hordeum intermedium* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

"Ich erhielt 1899 von A. Atterberg die var. *subatterbergii*, aus welcher sie sich herausgebildet hat. Es fallen auch jetzt noch Ähren derselben."

= "an indefinite variation of *H. intermedium nudihartoni* acc. to Harlan."

Hordeum sativum [Gruppe IV. *Hordeum distichum*] var. *subinermis* Körn.
Arch. Biontologie 2: 434. 1908.

"H. F. no. 69."

Hordeum sativum [Gruppe II. *Hordeum tetrastichum*] var. *sublatiglumatum* Körn. Arch. Biontologie 2: 418, 425. 1908.

"Ich erhielt sie von Alb. Atterberg im Januar 1899. Sie blieb konstant. Der Ursprung ist mir unbekannt. Vielleicht ein Mischling von *H. tetrastichum coeleste* und *Hord. distichum abyssinicum*."

The var. is given under Gruppe II *Hordeum tetrastichum* but Koern. disregards these Gruppe names (See his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum [Gruppe IV *Hordeum distichum*] var. *sublaxum* Körn.
Arch. Biontologie 2: 422, 433. 1908.

"R. 1" = "Bezeichnet den Ursprung aus der ersten künstlichen Kreuzung, welche Wilhelm Rimpau mit *Hordeum tetrastichum trifurcatum* Schbl. ♂ und *Hordeum distichum Steudelii* ♀ 1885 vorgenommen hat."

Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum [Gruppe II *Hordeum tetrastichum*] var. *subviolaceum*
Körn. Arch. Biontologie 2: 417, 424. 1908.

"H. F. no. 13" refers to Koern. Hauptsach. Form. Saatgerste 1895.

"Der Ursprung ist wahrscheinlich *H. tetrastichum violaceum* ♀ X *H. distichum nutans* (oder *erectum*) ♂"

The var. is given under Gruppe II *Hordeum tetrastichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum (Gruppe II *Hordeum tetrastichum*) var. *tonsum* Korn.
Arch. Biontologie 2: 419, 425. 1908.

R. 1 = "Bezeichnet den Ursprung aus der ersten künstlichen Kreuzung welche Wilhelm Rimpau mit *H. tetrastichum trifurcatum* Schbl. ♂ und *H. distichum Steudelii* ♀ 1885 vorgenommen hat."

The var. is given under Gruppe II *Hordeum tetrastichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum [Gruppe III *Hordeum intermedium*] var. *transiens*
Koern. Arch. Biontologie 2: 419, 428. 1908.

The var. is given under Gruppe III. *Hordeum intermedium* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Cult.

Hordeum sativum [Gruppe IV *Hordeum distichum*] var. *triangulare*
Körn. Arch. Biontologie 2: 421, 432. 1908.

R. 2 = "Bezeichnet den Ursprung aus der Zweiten künstlichen Kreuzung von Wilhelm Rimpau welche er mit *H. distichum scodritum* ♀ und *H. tetrastichum trifurcatum* ♂ 1889 vornahm."

The var. is given under Gruppe IV. *Hordeum distichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

Hordeum sativum [Gruppe IV. *Hordeum distichum*] var. *triceros* Körn.
Arch. Biontologie 2: 421, 432. 1908.

Koern disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subsp.

"H. F. no. 62" refers to Koern. Hauptsach. Form. Saatgerste 1895.

"R. 1" = "Bezeichnet den Ursprung aus der ersten künstlichen Kreuzung, welche Wilhelm Rimpau mit *Hordeum tetrastichum trifurcatum* Schbl. ♂ und *Hordeum distichum Steudelii* ♀ 1885 vorgenommen hat."

Hordeum sativum ssp. *vulgare* (L.) Hack. in Engl. & Prantl. Pflansenfam. 7: 86. 1867.

"H. vulgare L." (p. 87)

[Hackel accepts group name *H. sativum* Jeesen for all cult. barleys.]

Persoon published *H. sativum* as syn. of *H. vulgare* L.

[Same made by Richt. Fl. Eur. 1: 130. 1890.]

Hordeum sativum ssp. *vulgare* var. *addisabebae* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 135, 176. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 13. 1941. In English on var. *addisabebae* Vav. & Orlov.

Hordeum sativum ssp. *vulgare* var. *aethiopicum* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 135, 174. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 12. 1941. In English on var. *aethiopicum* Vav. & Orlov.

Hordeum sativum ssp. *vulgare* var. *afghanicum* Vav. ex Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 8. 1941.

Hordeum sativum ssp. *vulgare* var. *amaricum* Orlov in Wulff, Fl. Cult. Fl. 2: 135, 174. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 12. 1941. In English on var. *amaricum* Orlov.

Hordeum sativum ssp. *vulgare* var. *ankoberense* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 135, 176. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 13. 1941. In English on var. *ankoberense* Vav. & Orlov.

Hordeum sativum ssp. *vulgare* var. *asiaticum* Vav. in Wulff, Fl. Cult. Fl. 2: 134, 169. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 12. 1941. In English on var. *asiaticum* Vav.

Hordeum sativum ssp. *vulgare* var. *astratum* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 132, 143. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 9. 1941. In English on var. *astratum* Vav. & Orlov.

Hordeum sativum ssp. *vulgare* var. *aximicum* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 135, 174. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 12. 1941. In English on var. *aximicum* Vav. & Orlov.

Hordeum sativum ssp. *vulgare* var. *brachyatherum* Körn. ex Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 11. 1941.

Cult.

Hordeum sativum ssp. *vulgare* var. *breviaristatum* Orlov in Wulff, Fl. Cult. Fl. 2: 131, 142, f. 88. 1936, in Russian.

Vav. in Orlov & Åberg, Fedde, Repert. Sp. Nov. 50: 9. 1941. In English on var. *breviaristatum* Orlov.

Hordeum sativum ssp. *vulgare* var. *brevisetum* B. Reg. ex Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 13. 1941.

Hordeum sativum ssp. *vulgare* var. *brevispicatum* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 134, 163. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 11. 1941. In English on var. *brevispicatum* Vav. & Orlov.

Hordeum sativum ssp. *vulgare* var. *chalcicum* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 135, 172. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 12. 1941. In English on var. *chalcicum* Vav. & Orlov.

Hordeum sativum ssp. *vulgare* var. *chinense* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 133, 154. 1936, in Russian.

Orlov & Åberg, Fedde, Sp. Nov. 50: 10. 1941. In English on var. *chinense* Vav. & Orlov

Hordeum sativum ssp. *vulgare* var. *coeleste* (L.) Richt. Fl. Eur. 1: 130. 1890.

Based on [*H. vulgare* L. var. *coeleste* L.]

Hordeum sativum ssp. vulgare var. *cornutum* Körn. ex Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 12. 1941.

Hordeum sativum ssp. vulgare var. *Dumdar-beyi* Zhuk in Wulff, Fl. Cult. Fl. 2: 134, 163. f. 96. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 11. 1941 in English on var. *dumdar-beyi* Zhuk.

Hordeum sativum ssp. vulgare var. *duplinigrum* Körn. ex Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 12. 1941.

Hordeum sativum ssp. vulgare var. *euryhypatherum* Orlov in Wulff, Fl. Cult. Fl. 2: 133, 156. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 10. 1941. In English on var. *euryhypatherum* Orlov

Hordeum sativum ssp. vulgare var. *eurylopius* Körn. ex Orlov & Åberg, Fedde, Repert. Sp. Nov. 50: 10. 1941.

Hordeum sativum ssp. vulgare var. *glabriasiatum* Vav. in Wulff, Fl. Cult. Fl. 2: 134, 169. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 12. 1941. In English on var. *glabriasiatum* Vav.

Hordeum sativum ssp. vulgare var. *glabribrevisetum* R. Reg. ex Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 13. 1941.

Hordeum sativum ssp. vulgare var. *glabriceleste* Vav. in Wulff, Fl. Cult. Fl. 2: 134, 168. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 11. 1941. In English on var. *glabriceleste* Vav.

Hordeum sativum ssp. vulgare var. *glabrigracilius* Orlov in Wulff, Fl. Cult. Fl. 2: 132, 150. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 10. 1941. In English on var. *glabrigracilius* Orlov

Hordeum sativum ssp. vulgare var. *glabri-parallelum* Orlov ex Orlov & Åberg, Fedde, Repert. Sp. Nov. 50: 9. 1941.

Hordeum sativum ssp. vulgare var. *glabripyramidatum* Vav. ex Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 11. 1941.

Hordeum sativum ssp. vulgare var. *gobicum* Vav. in Wulff, Fl. Cult. Fl. 2: 135, 171. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 12. 1941. In English on var. *gobicum* Vav.

Hordeum sativum ssp. vulgare var. *gracilius* Körn. ex Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 10. 1941.

Hordeum sativum ssp. vulgare var. *griseinigrum* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 134, 167. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 12. 1941. In English on var. *griseinigrum* Vav. & Orlov.

Hordeum sativum ssp. vulgare var. *hadaka* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 136, 179. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 13. 1941. In English on var. *hadaka* Vav. & Orlov.

Hordeum sativum ssp. vulgare var. *hangaicum* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 135, 176. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 13. 1941. In English on var. *hangaicum* Vav. & Orlov.

Hordeum sativum ssp. vulgare var. *harlani* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 132, 142. f. 89. 1936, in Russian.

in Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 9. 1941. In English on var. *harlani* Vav. & Orlov

Hordeum sativum ssp. vulgare var. *Hersfordianum* Wittm. ex Orlov & Åberg, Fedde, Repert. Sp. Nov. 50: 9. 1941.

Hordeum sativum ssp. vulgare var. *himalayense* Ritt. ex Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 11. 1941.

Hordeum sativum ssp. vulgare var. *hypatherum* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 133, 152. f. 93. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 10. 1941. In English on var. *hypatherum* Vav. & Orlov

Hordeum sativum ssp. vulgare var. *ibericum* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 133, 164. f. 97. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 11. 1941. In English on var. *ibericum* Vav. & Orlov.

Hordeum sativum ssp. vulgare var. *japonicum* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 133, 153. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 10. 1941. In English on var. *japonicum* Vav. & Orlov.

Hordeum sativum ssp. vulgare var. *kobdium* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 135, 171. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 12. 1941. In English on var. *kobdium* Vav. & Orlov.

Hordeum sativum ssp. vulgare var. *latibrevisetum* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 136, 182. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 13. 1941. In English on var. *latibrevisetum* Vav. & Orlov.

Hordeum sativum ssp. vulgare var. *latiglumatum* Körn. ex Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 9. 1941.

Hordeum sativum ssp. vulgare var. *latinudipyramidatum* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: ? ? 1936. In Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 13. 1941. In English on var. *latinudipyramidatum* Vav. & Orlov.

Hordeum sativum ssp. vulgare var. *latirevelatum* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 136, 181. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 13. 1941. In English on var. *latirevelatum* Vav. & Orlov.

Hordeum sativum ssp. vulgare var. *leiorrhynchum* Körn. ex Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 9. 1941.

Hordeum sativum ssp. vulgare var. *micrum* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 136, 185. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 14. 1950. In English on var. *micrum* Vav. & Orlov.

Hordeum sativum ssp. vulgare var. *mongolicum* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 135, 171. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 12. 1941. In English on var. *mongolicum* Vav. & Orlov.

Hordeum sativum ssp. vulgare var. *nanum* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 136, 184. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 14. 1941. In English on var. *nanum* Vav. & Orlov.

Hordeum sativum ssp. vulgare var. *nigripallidum* R. Reg. ex Orlov & Åberg, Fedde, Repert. Sp. Nov. 50: 9. 1941.

Hordeum sativum ssp. vulgare var. *nigritoneum* Körn. ex Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 9. 1941.

Hordeum sativum ssp. vulgare var. *nigrum* (Willd.) Richt. Fl. Mur. 1: 130. 1890.

Based on *H. nigrum* Willd.

Teflin

Hordeum sativum ssp. vulgare var. *nigrum* Willd., ex Orlov & Åberg, Fedde, Repert. Sp. Nov. 50: 9. 1941.

Hordeum sativum ssp. vulgare var. *nipponicum* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 132, 150. f. 92. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 10. 1941. In English on var. *nipponicum* Vav. & Orlov

Hordeum sativum ssp. vulgare var. *nudijaponicum* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 136, 180. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 13. 1941. In English on var. *nudijaponicum* Vav. & Orlov

Hordeum sativum ssp. vulgare var. *nudinipponicum* Vav. & Orlov in Wulff, Fl. Cult. Fl. 2: 136, 177. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 13. 1941. In English on var. *nudinipponicum* Vav. & Orlov.

Hordeum sativum ssp. vulgare var. *nudipyramidatum* Körn. ex Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 14. 1941.

Hordeum sativum ssp. vulgare var. *pallidum* Ser. ex Orlov & Åberg, Fedde, Repert. Sp. Nov. 50: 8. 1941.

Hordeum sativum ssp. vulgare var. *parallelum* Körn. ex Orlov & Åberg, Fedde, Repert. Sp. Nov. 50: 9. 1941.

Cult.

Hordeum sativum ssp. vulgare var. *pyramidatum* Körn. ex Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 11. 1941.

Hordeum sativum ssp. vulgare var. *recens* Körn. ex Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 10. 1941.

Hordeum sativum esp. vulgare var. *revelatum* Korn. ex Orlov & Åberg.
Fedde, Rep. Sp. Nov. 50: 13. 1941.

Hordeum sativum esp. vulgare var. *rikotense* R. Reg. ex Orlov &
Åberg, Fedde, Repert. Sp. Nov. 50: 8. 1941.

Hordeum sativum esp. vulgare var. *Schimperianum* Korn. ex Orlov &
Åberg, Fedde, Rep. Sp. Nov. 50: 11. 1941.

Hordeum sativum esp. vulgare var. *sessilifurcatum* Vav. & Orlov in
Wulff, Fl. Cult. Fl. 2: 135, 172. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 12. 1941. In English
on var. *sessilifurcatum* Vav. & Orlov.

Hordeum sativum esp. vulgare var. *sinicum* Vav. & Orlov in Wulff,
Fl. Cult. Fl. 2: 132, 146. 1936, in Russian.

in Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 9. 1941. In English
on var. *sinicum* Vav. & Orlov.

Hordeum sativum esp. vulgare var. *sinojaponicum* Vav. & Orlov in
Wulff, Fl. Cult. Fl. 2: 136, 178. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 13. 1941.
on var. *sinojaponicum* Vav. & Orlov.

Hordeum sativum esp. vulgare var. *sublatiglumatum* Vav. in Wulff,
Fl. Cult. Fl. 2: 136, 181. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 13. 1941. In English
on var. *sublatiglumatum* Vav.

Hordeum sativum esp. vulgare var. *subnudi-pyramidatum* Orlov in
Wulff, Fl. Cult. Fl. 2: 136, 184. pl. 106. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 14. 1941. In English
on var. *subnudi-pyramidatum* Orlov.

Hordeum sativum esp. vulgare var. *subparallelum* Orlov in Wulff,
Fl. Cult. Fl. 2: 133, 151. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 10. 1941.
on var. *subparallelum* Orlov.

Hordeum sativum esp. vulgare var. *subpyramidatum* Orlov in Wulff,
Fl. Cult. Fl. 2: 134, 160. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 11. 1941. In English
on var. *subpyramidatum* Orlov.

Hordeum sativum esp. vulgare var. *tibetanum* Vav. & Orlov in Wulff,
Fl. Cult. Fl. 2: 134, 168. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 12. 1941. In English
on var. *tibetanum* Vav. & Orlov.

Hordeum sativum esp. vulgare var. *tonsum* Korn. ex Orlov & Åberg,
Fedde, Repert. Sp. Nov. 50: 9. 1941.

Hordeum sativum esp. vulgare var. *trifurcatum* Schlecht. ex Orlov
& Åberg, Fedde, Rep. Sp. Nov. 50: 12. 1941.

Hordeum sativum esp. vulgare var. *uljassutaicum* Vav. &
Orlov in Wulff, Fl. Cult. Fl. 2: 136, 183. 1936.
In Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 14. 1941.
In English on var. *uljassutaicum* Vav. & Orlov.

Hordeum sativum esp. vulgare var. *urgaleum* Vav. & Orlov in Wulff,
Fl. Cult. Fl. 2: 135, 172. 1936, in Russian.

Orlov & Åberg, Fedde, Rep. Sp. Nov. 50: 12. 1941. In English
on var. *urgaleum* Vav. & Orlov.

Hordeum sativum esp. vulgare var. *violaceum* Korn. ex Orlov &
Åberg, Fedde, Rep. Sp. Nov. 50: 12. 1941.

Hordeum sativum var. *seoriton* (L.) Richt. Fl. Bur. 1: 130. 1890.

Based on *H. seoriton* L.

Hordeum scabrinusculum Regel, Bull. Appl. Bot. 7: 785. 1914, nom.
semi nud.; Bull. Appl. Bot. 8: 1506. 1915.

Grouped among "races mi-précoces parmi les orges hexastiques" or
rather early among 6-rowed barley. Bur. Bot. Appl. Russia -
Exp. Sta. Russia Cult.

Hordeum scandinavicum Regel, Bull. Appl. Bot. 8: 1505. 1915.

"Sont les races tardives parmi les races distiques."

late among 2-rowed barleys Bur. Bot. Appl. Russia Exp. Sta.

Hordeum secalinum Guss. Fl. Sic. Prodr. 1: 143. 1827. Not
Schreb. 1771.

Hordeum secalinum Schreb. Spic. Fl. Lips. 148. 1771.

"In siccis versus Katschau."

Europe

Hordeum secalinum L. ed. Omel. ex Savi, Fl. Pis.
1: 145. 1798. Not Schreb. 1771.

Italy

Hordeum secalinum var. *andicola* (Griseb.) Haum. Anal. Mus. Mac.
Hist. Nat. Buenos Aires 28: 304. pl. 13. f. B. 1916.

Based on "*H. andicola* Griseb."

Hordeum secalinum var. *angustifolium* Jans. & Wacht. Nederl.
Kruidk. Archief 43: 177. 1933.

"Valkeveen, Voelenhove"
[Netherlands]

Hordeum secalinum var. *Bogdani* Roshev. Act. Hort. Petrop. 40: 248.
1928, as syn. *Hordeum Bogdani* Wilenaky.

U. S. S. R.

Hordeum secalinum var. *brachystachyum* Turcz. ex Fedtsch. Bull.
Jard. Bot. Pierre Grand 14(Suppl. 2): 99. 1915, n. n. nud.

U. S. S. R.

Hordeum secalinum var. *brevistachyum* Ktze, Act. Hort.
Petrop. 10: 251. 1887.

"Turkmenen Steppe"

Rossica - orientalis

Hordeum secalinum var. *brevistachyum* Trin. Gram. Icon.
1: pl. 4. 1823.

"Irkutsk Sibirias"

Hordeum secalinum var. *chilense* (Brongn.) Desv. in
Gay, Fl. Chil. 6: 458. 1853.

Based on "*H. chilense* Brongn."

Hordeum secalinum var. *distichum* Jans. & Wacht. Nederl.
Kruidk. Archief 43: 177. 1933.

"Amsterdam, Kromme Dijk bij Waarden en in Friesland"
....[Netherlands]

Hordeum secalinum X *Elytrigia repens* (L.) Nevski X
Elytrordeum langei (Richt.) Hyl. in Hansen, Botanisk
Tidskrift 55: 310. 1960.

"---W. Gloucestershire, genfundet 1 1954 (Hubbard &
Sandwith 1955).

Hordeum secalinum var. *maritimum* (Roth) Koch, Syn. Fl.
Germ. Helv. ed. 2. 956. 1843.

Based on *H. maritimum* Roth

Hordeum secalinum var. *parviflorum* Hack. ex Stuck.
Ann. Mus. Mac. Buenos Aires 13: 533. Dec. 1906.

Stuckert, herb. Arg. 15,412, ex Lille, Herb. tuo.
no. 4255.

Cerro Muñoz, Dep. Tafi, Prov. Tucuman, Argentine

Hordeum secalinum var. *puberulum* Kuntze, Rev. Gen. Fl.
3: 355. 1898.

"Argentina: Villa Maria, Provins Cordoba."

Hordeum secalinum var. *puberulum* Krylov, Fl. Zapad.
Sibiri Pt. 2: 364. 1928. Not Ktze 1898.

U. S. S. R.

Hordeum secalinum var. *pubescens* Rohlfs, Sitzungsab.
Böhm. Ges. Wiss. Math.-Nat. Cl. 1902 [pt.] 39: 35.
1902.

"Ad Pristen Bar." Montenegro

Hordeum secalinum var. *pubiflorum* (Hook. f.) Haum.
Anal. Mus. Mac. Buenos Aires 28: 306. pl. 13. f. C.
1916.

Based on "*H. pubiflorum* Hook. f."

Magellan

Hordeum secalinum var. *pubiflorum* forma *intermedium*
Haum. Anal. Mus. Mac. Buenos Aires 28: 307. 1917.

Argentina

"Terre de Feu" many; Patagonie; Terr. du Chubut;--
Cordillères de Mendoza;--Cordillères de La Rioja;--
Cordillères de Catamarca;--; Cordillères de Jujuy;--
Many cell. cited.

Hordeum secalinum var. *scabrinusculum* Kuntze, Rev. Gen.
Fl. 3: 355. 1898.

"Argentina: Tandil."

Hordeum secalinum var. *typicum* Krilev, Flora Altaica
7: 1703. 1914 (in Russian).

Altai, Asia

Hordeum secalinum var. *uniflorum* Lejac, Fl. Sioul.
3: 365. 1909.

"Busambra alla Valle di S. Giorgio Herb. Pau."

Sicily

Hordeum septentrionale Regel, Bull. Appl. Bot.
8: 1506. 1915.

Grouped among "races précoces parmi les orges hexastiques" or early races among 6-rowed barley.

U.S.S.R.

Hordeum sibiricum Link ex Steud. Nom. Bot. ed. 2.
1: 775. 1840, as syn. of *H. pratense* Huds.

[1]

Hordeum sibiricum (L.) Schenck, Bot. Jahrb. Engler
40: 109. 1907.

Based on *Elymus sibiricus* L.

Siberia

Hordeum sibiricum Beshev. Bull. Jard. Bot. Prin.
U.R.S.S. 28: 385. 1929. Not Schrenk 1907.

Siberia australis: Provinciae Tobolsk, Enisejsk
et Transbaicalia.

Aff. *Hordeum secalinum* Schreb.

Hordeum sieberianum Bess. in Schult. Mant. 3 (Add. 1):
662. [1828.]

"Hord. bulbosum Sieber, Herb." cited.

Hordeum spontaneum K. Koch, Linnaea 21: 430. 1848.

For cult. var. of this sp. see Vav. Stud. Orig.
Cult. Fl. 170. 1926.

"Auf den steppenartigen Matten des schirwan sehen
Theiles des kaukasus"

Hordeum spontaneum var. *bacstrium* Vav. ex Åberg,

Symbol. Bot. Upsal. 4 (no. 2): 88, 94, 148. pl. 19.
1940.

"Type a. ... Plants from post-cultivation of types
collected during the Russian expeditions. Seeds
received from Prof. N. I. Vavilov, Leningrad."

Said to be publ. in 1936 in Russian only. Vav. &
Orl. Orlov, *Hordeum* L. Flora of cultivated plants
II. Moscow-Leningrad 1936.

Hordeum spontaneum var. *eu-spontaneum* Åberg, Symbol.
Bot. Upsal. 4 (no. 2): 94, 148, pl. 18. 1940.

Nov. nom. for *H. spontaneum* C. Koch... *H. ithaburense* Boiss.

"Type a. Plants deriving from Koernicke's material
of var. *spontaneum*. Seeds received from Prof.
Elisabeth Schiemann, Berlin-Dahlem."

(p. 85)

Hordeum spontaneum f. *genuinum* Maire & Weiller in Maire,
Fl. Afrique Nord 3: 385. 1955. "Type de l'espece."

Hordeum spontaneum var. *ischnatherum* (Coss.) Thell.
ex Nábělek, Publ. Fac. Sci. Univ. Masaryk (Brno)
no. 111. 32. 1929.

Based on *H. ithaburense* var. *ischnatherum* Coss.

Hordeum spontaneum var. *ithaburense* (Boiss.) Nábělek,
Publ. Fac. Sci. Univ. Masaryk (Brno) no. 111. 32.
1929.

Based on *H. ithaburense* Boiss.

Hordeum spontaneum var. *Proskowetzii* Nábělek, Publ.
Fac. Sci. Univ. Masaryk (Brno) no. 111, 32, fig. 14.
1929.

Hordeum spontaneum var. *Proskowetzii* f. *aristatum*
Nábělek, Publ. Fac. Sci. Univ. Masaryk (Brno) no.
111. 32. 1929.

"in monticulis Kuh Bejât (Gebel Hamrén in Persia
austro-occid. inter Deilerün (Deh-1-Loran) et oppi-
dum Amara ad Tigridem---27. III. 1910. (No. 3261).
Nábělek, Coll.]

Hordeum spontaneum var. *Proskowetzii* f. *muconatum*
Nábělek, Publ. Fac. Sci. Univ. Masaryk (Brno)
No. 111: 33. 1929.

"in Kurdistan. Turo. a pagum mâr Jakub supra pagum
Simel dit. Mûsul---8. VI. 1910, No. 3430, 3398.
[Nábělek, coll.]

Hordeum spontaneum var. *transcaspium* Vav. ex Åberg,
Symbol. Bot. Upsal. 4 (no. 2): 87, 94. pl. 19. 1940.

"Type c. (var. *transcaspium*) Plants from post-cul-
tivation of material collected during the Russian
expeditions. Seeds from Prof. N. I. Vavilov,
Leningrad."

Hordeum spontaneum var. *turocomanicum* Vav. et Orl. ex
Åberg, Symbol. Bot. Upsal. 4 (no. 2): 94, 148.
pl. 19. 1940.

p. 88. "Type d. ... Plants from post-cultivation of
types collected during the Russian expeditions.
Seeds received from Prof. N. I. Vavilov, Leningrad."

Hordeum Stassewitschi Regel, Bull. Appl. Bot. 8: 1500.
1915.

"Une race de l'orge hexastique [6-rowed] aux barbes
lisses non pigmentées nommée *H. Stassewitschi* apparût
tout subitement d'une manière hétérogène en 1902
pendant les semailles expérimentales du Bureau au
passage de Biktî Prenant son origine de l'orge
noire aux barbes lisses *H. Nekludowi*...."

[referred to as race. Cult. Bur. Bot. Appl. Russia]

Hordeum stebbinsii Covas, Madroña 10: 17. 1949.

Roadside weed, 5 miles southeast of Middletown, Lake
County, California, May 9, 1948, G. L. Stebbins and
G. Covas 3927 (UC 754601; isotypes NY, GH, DS, UC-D).

[compare *H. glaucum* Steud.] Man. II. U. S.

T

Hordeum stenostachys Godr. Fl. Juvenalis 47. 1853.

Mem. Acad. Sci. Montp. (Sec. Medic.) 1: 455. 1853;

Mem. Acad. Stanislas 434. 1854.

"*Fratria ignota*" "--plantas étrangères--au Port
Juvenal."

France

[southern South America]

Hordeum striatum (Willd.) Schenck, Bot. Jahrb. Engler
40: 109. 1907.

Based on *Elymus striatus* Willd., name only in Muhl.

= *Elymus virginicus*

Man. II.

Hordeum strobileense Chiov. Monogr. e Rapp. Colon.
No. 19: 49. 1912.

Colonia Eritrea. Africa

Hordeum subaestivale Regel, Bull. Appl. Bot. 8: 1505.
1915, without descr.

"n'ont pas été mentionnées dans la liste...car leurs
distinctions morphologiques héréditaires ne sont pas
encore suffisamment étudiées." [with H. Taras-
witschi]

belonge te races "mi-d'hiver" [mid-winter]

Hordeum subfastigiatum Deell in Mart. Fl. Bras.
23: 234. 1880.

"Habitat ad Monte Videe (Gay in herb. Reg. Berol.)."
Uruguay

Hordeum suecicum Regel, Bull. Appl. Bot. 8: 1505. 1915.

"sont les races tardives parmi les races distiques."
late among 2-rowed barleys
Bur. Bot. Appl. Russia Exp. Sta.
Cult.

Hordeum sylvaticum Huds. Fl. Angl. Ed. 2. 1: 57. 1778.

"*Elymus europaeus* L." cited.

Hordeum taganrocense Regel, Bull. Appl. Bot. 8: 1506.
1915.

Grouped under: "orges distiques - races mi-précoces"
or 2-rowed barley - rather early.
Bur. Bot. Appl. Russia Exp. Sta.

U.S.S.R.

Hordeum tanaiticum Regel, Bull. Appl. Bot. 7: 785.
1914, nom. semi-nud.; op. cit. 8: 1506. 1915.

Grouped among "races mi-précoces parmi les orges
hexastiques" or rather early among 6-rowed barley.
Bur. Bot. Appl. Russia Exp. Sta.

"pour la steppe Kamennaja" [Russia]

Hordeum Tarasewitschi Regel, Bull. Appl. Bot..
8: 1505. 1915, without descr.

"n'ont pas été mentionnées dans la liste...car leurs
distinctions morphologiques héréditaires ne sont pas
encore suffisamment étudiées" [with *H. subaestivale*]

belonge te races "mi-d'hiver" [mid-winter]

U.S.S.R.

Hordeum tetraploidum Covas, Rev. Argent. Argon. 20: 65,
f. 1, B, C. 1953.

"Typus: Gobernacion de Rio Negro: Filcaniye, Estan-
cia Rayman, leg. O. Boelcke no. 4485, 27-1-1951.
(Sl; isotipos de BAB y herbario L. E. Paredi)."

Argentina: "Rio Negro: Filcaniye, Estancia Rayman,
leg. O. Boelcke no. 4453, 26-1-1951 (Sl)."

Seco. Stenostachys

Hordeum tetrastichum Stokes, Bot. Mat. Med. 1: 166.
1812.

"In a corn field near Kidderminster."

England

Hordeum tetrastichum var. *macroglumis* Miège, Bull. Soc.
Sci. Nat. Maroc. 8: 144, pl. 1, 2. 1928.

"On trouve, disséminée dans les cultures de céréales
de certaines régions localisées du Maroc - spéciale-
ment dans le Tadla."

Hordeum tetrastichum var. *nudum* S. F. Gray, Mat. Arr.
Brit. Fl. 2: 89. 1821.

Cites "*Hordeum nudum* Ger. em. 72" [Probably Gerarde's Herball amended by Johnson 1633 -- also cites *Hordeum vulgare* var. *coeleste* Linn. Sp. Pl. 125 as syn.

Hordeum tetrastichum var. *pallidum* Sér. in Körn.
Handb. Getreideb. 2: 603. 1885.

"Auf reichem Marschboden"---p. 604. "Diese Wintergerste wird vorzugsweise in England, Dänemark, Schweden, Nord Frankreich, Belgien, Holland, am Niederrhein, in den deutschen Marschen, in einigen Teilen Westfalens, sowie überhaupt in Nord-Deutschland und hier namentlich in Königreich Sachsen kultiviert."

Hordeum tortile Robert ex Sér. Cér. Bur. 349. 1841,
as syn. *H. vulgare tortile* Sér.

Hordeum tortilis Heuzé, Fl. Alm. 1: 457. 1872 [1873]
nicht Robert.

No place given "On ne la cultive pas quoiqu'on l'ait souvent recommandée comme plante agricole."

Harlan says, "probably as *tortile* Sér."

[France]

Hordeum trifurcatum Wender, Flora 26: 233. 1843.

[as new, Jacq. in Baill. Bull. Soc. Bot. France 1: 187. 1854. cult.---au Muséum]

"*H. trifurcatum* Jess" given as basis of *H. vulgare trifurcatum* Alefeld

Cult. in Marburg

Germany

Hordeum trifurcatum Nepalense Grossin, Bull. Soc. Bot.
France 108: 124. Pl. 1. 1961.

France

Hordeum turkestanicum Nevski, Act. Univ. Asiae Med.
VIII b Bot. 17: 40, 45. 1934.

Made nom. semi-nud by Regel, Bull. Appl. Bot. 7: 785 1914; 8: 1506. 1915.

Grouped under: "races mi-précoces parmi les orges distiques" or 2-rowed barley--rather early-Bur.

Bot. Appl. Russia, Exp. Sta.

"*H. pratense* Regel in Act. Hort. Petrop. 7: 578 (p.p.) non Huds." cited.

H. secalinum var. *breviusculatum* Roshev. in Act. Hort. Petrop. 38: 150. (p.p.) non Trin.

"Montes meridionales: Tian-shan occidentalis. Ad declivia argilloso-saxosa montis Tschingan majoris. 1926. VIII. 10 fl. Leg. Rajkova"

Central Asia

Hordeum utriculatum Bertere, Mero. Chil. 1829; ex Amer.
Journ. Sci. 23: 86. 1833.

"on the banks of the Caohapual." Chile

Hordeum vaginatum K. Koch, Linnaea 21: 433. 1848.

"Auf mit Naptha getränktem Mergel- und Molassen-Boden der Halbinsel Apscheron."

U.S.S.R.

Hordeum valdivia (Steud.) Schenck, Bot. Jahrb. Engler
40: 109. 1907.

Based on *Elymus valdivia* Steud.

Valdivia, Chile

Hordeum villosus Moench, Meth. Fl. 199. 1794.

Elymus arenarius L. cited.

"Plantas hortenses"

Hordeum villosus Steud. Syn. Fl. Glum. 1: 352. 1854.
Moench, 1794.

"Bertol. Comm. Bon. V. t. 20. f. 3.4.). Ad
Euphrat."

Asia

Hordeum villosus (Muhl.) Schenck, Bot. Jahrb. Engler
40: 109. 1907. Moench, 1794.

Based on *Elymus villosus* Muhl.

Pennsylvania

= *Elymus villosus* Man. U. S.

Hordeum villosissimum Regel, Bull. Appl. Bot. 8: 1506.
1915.

Grouped under: "orges distiques--races mi-précoces" or 2-rowed barley--rather early.

Bur. Bot. Appl. Russia Exp. Sta.

Hordeum violaceum Boiss. & Hohen. Diagn. Pl. Orient.

Nov. I. 2: (fasc. 13) 70. 1853-1854 ?

"in Kotsch. pl. Pers. bor. 1846."

"Hab. in pinguibus ad radices montis Demawend prope Lar. Kotsch. No. 325, et in monte Totschal prope Teheran ... No. 3, in faucibus montis Elbours, no. 643, in monte Kuh Daana Persiae australis Kotsch, no. 684."

Persia

Hordeum virginicum (L.) Schenck, Bot. Jahrb. Engler
40: 109. 1907.

Based on *Elymus virginicus* L.

Man. U. S.

Hordeum volhynicum Regel, Bull. Appl. Bot. 8: 1506.
1915.

Grouped under: "orges distiques--races mi-précoces" or 2-rowed barley--rather early.

Cult. Bur. Bot. Appl. Russia Exp. Sta.

Hordeum vulgare L. Sp. Pl. 84: 1753.

"Habitat-----"

Cult. Europe

Hordeum vulgare [(Gruppe 4.) *distichum*] var. *abyssinicum*
(Ser.) Koern. Zeitschr. Gesamte Brauw. 5: 127, 202.
1882.

Based on *Hordeum distichum abyssinicum* Ser.

"In Abyssinien gebaut und von W. Schimper gesammelt; jetzt in unseren botanischen garten."

Hordeum vulgare var. *aegiceras* (Boyle) Hitchc. Cat.
Panjab Fl. 171. 1869 nom. nud.; Hook. f. Fl. Brit.
Ind. 7: 371. 1896.

[based on *Critho aegiceras* E. Meyer 1849, this based on *Hordeum aegiceras* Boyle

Himalayas India

Hordeum vulgare aestivum Metzger ex Alefeld, Landw.
Fl. 340. 1866.

Deutschland

Hordeum vulgare aethiopicum Alefeld, Landw. Fl. 343.
1866.

"Von Schimper aus Abyssinien an Hrn. Metzger geschickt."

Africa

Hordeum vulgare [Gruppe 2. *Hordeum tetrastichum*] var.
aethiops Koern. Die Hauptsach. Fern. Saatgerste
5, 10. 1895.

"Körner schwarz. R. 1."

"Die mit R. 1 bezeichneten stammen aus Kreuzungen des *Hordeum vulgare* L., var. *trifurcatum* Schl. ♂ und *H. distichum* L., var. *Steudellii* Koke. ♀ ;"

Hordeum vulgare var. *aethiops* subv. *typica* Harlan,
U. S. Dept. Agr. Bull. 622: 17. 1918.

Cult.

Hordeum vulgare var. *afghanicum* Vav. ex Ivanova, Bull.
Appl. Bot. II, Genet. Pl. Breed. & Cytol. 7: 339,
353. 1937, Russian with English summary.

"The new form, found among the barleys of Afghanistan named by N. I. Vavilov *Hordeum vulgare* var. *Afghanicum*, is characterized by the presence of a third outer glume found on all spikelets of the central rows of the head."

[See *Hordeum vulgare* var. *pallidum afghanicum* Vav. and Bukinich]

Hordeum vulgare var. *albidum* Koern. Syst. Uebers.
Cereal. 4. 1873, nom. semi-nud.

[See under *Hordeum vulgare* 9. *pallidum* in Koern. & Wern. Handb. Getreidebau. 1: 158. 1885]

= *H. vulgare pallidum* fide Harlan

Hordeum vulgare var. *albodeficiens* Koern. Syst.
Uebers. Cereal 6. 1873, nom. semi-nud.

Cult. Europe

Hordeum vulgare var. *album* DuRoi, Taschenb. Schweiz.
Bot. 888. 1869.

[Switzerland]

Hordeum vulgare [Gruppe 4. *Hordeum distichum*] var.
angustispinatum Koern. Die Hauptsach. Fern.
Saatgerste 7, 11. 1895.

"Mittelähren wie bei var. *nutans* Schöubl., Ähren locker, schmal, lang. R. 1."

"Die mit R. 1 bezeichneten stammen aus Kreuzungen des *Hordeum vulgare* L., var. *trifurcatum* Schl. ♂ und *H. distichum* L., var. *Steudellii* Koke. ♀ ;"

Hordeum vulgare [(II) *distichum* (L.)⁴] *anomalous* Koern.
Syst. Uebers Cereal 6. 1873, without descr.

16. *albodeficiens* Koern. l.c. without descr.

17. *leucomacrolepis* Koern. l.c. without descr.

18. *melanomacrolepis* Koern. l.c. without descr.

[Gert. Preuss. Landwirtschaftl. Acad. Poppelsdorf bei Bonn]

*[*H. distichum* L.]

Hordeum vulgare [Gruppe 3. *Hordeum intermedium*] var.
anomalous Koern. Die Hauptsach. Fern. Saatgerste
5, 10. 1895.

"Var. 32 *anomalous* Koke. and 33. *gymnanomalous* Koke. Ähren blassgelb. R. 2."

"Die mit R. 2 bezeichneten aus *H. vulgare* L. var. *trifurcatum* Schl. ♂ und *H. distichum* L. var. *secorithum* L. ♀ beide von W. Rimpau ausgeführt. Ringe derselben sind noch nicht constant."

Hordeum vulgare var. *atroideum* Karl Hansen ex Beaven,
Jour. Fed. Inst. Brewing 8: 578. 1902.

K. H., Karl Hansen of Lyngby, near Copenhagen, who Beaven says in his introd. sent "a large number of the specimens of the rarer varieties of barley." On p. 580 Beaven says, "Those with the affix K.H. are, I believe, results of crosses by Mr. Hansen, but I have no information of their parentage."

Hordeum vulgare [Gruppe 2. *Hordeum tetrastichum*] var. *atropiostum* Koern. Die Hauptsach. Form. Saatgerste 4, 9. 1895.

"Gleich var. *latiglumatum* aber schwarz."

"Die mit B. bezeichneten sind erzeugt aus einer Kreuzung des *H. hexastichum* ♂ und *H. distichum* L. var. *macrolepis* A. Br. ♀ ausgeführt von Prof. Dr. Beyerinck in Delft."

Hordeum vulgare [Gruppe 2. *Hordeum tetrastichum*] var. *atrum* Koern. Die Hauptsach. Form. Saatgerste 4, 9. 1895.

"Gleich *Horsfordianum* Wittm. aber schwarz."

"Die mit B. 1 bezeichneten stammen aus Kreuzungen des *Hordeum vulgare* L., var. *trifurcatum* Schl. ♂ und *H. distichum* L., var. *Steudelii* Koke. ♀."

Hordeum vulgare atrum subv. *densifurcatum* (Karl Hansen ex Beaven) Harlan, U. S. Dept. Agr. Bull. 622: 16. 1918.

Harlan cites under the above trinomial "densifurcatum K. H. in Beaven (as var., 1902, p. 577)." This refers to Beaven, Jour. Fed. Inst. Brewing 8 (no. 5). Cited here as below:

Based on *Hordeum hexastichum* var. *densifurcatum* K.H. ex Beaven

"The K.H. refers to Karl Hansen who Beaven says in his introd. sent him a 'large number of the specimens of the rarer varieties of barley.'"

"of Lyngby, near Copenhagen"

Hordeum vulgare atrum subv. *typica* Harlan, U. S. Dept. Agr. Bull. 622: 16. 1918.

Cult.

Hordeum vulgare [Gruppe 4. *Hordeum distichum*] var. *Atterbergii* Koern. Die Hauptsach. Form. Saatgerste 5, 10. 1895.

"A. Atterberg in Kalmar (Schweden) fand sie in einer Gerstengrube aus Oeland." Sweden

"*H. distichum palmella nutans* fide Harlan p. 23"

Hordeum vulgare [Gruppe 1. *hexastichum*] var. *brachyatherum* Koern. Zeitschr. Gesamte Brauw. 5: 125, 164. pl. 5. f. 1. 1882.

"Sie stammt aus Japan, von woher ich sie im Gemisch mit einer Form von var. *parallelum* Koern. und var. *pallidum* Sér. erhielt."

"a short armed form of *H. vulgare pallidum pyramidatum* fide Harlan"

Hordeum vulgare brachyura Alefeld, Landw. Fl. 340. 1866.

"a very dense form of *H. vulgare pallidum pyramidatum* fide Harlan"

Hordeum vulgare [Gruppe 1. *hexastichum*] a) *brachyurum* (Alefeld) Koern. Zeitschr. Gesamte Brauw. 5: 165. pl. 5. f. 2. 1882.

Based on *Hordeum vulgare brachyura* Alefeld

Hordeum vulgare [IV Gruppe *distichum*] var. *Brannii* Koern. Zeitschr. Gesamte Brauw. 5: 127, 202. pl. 13. fig. 26. 1882.

"Die Varietät unterscheidet sich von var. *macrolepis* A. Br. nur durch die normalen Seitenähren."

Cult. Europe

Hordeum vulgare brevifolium Alefeld, Landw. Fl. 342. 1866.

"An Rhein als Frauengerste öfters gebaut."

Germany

Hordeum vulgare var. *oblongum* Åberg, Symbol. Bot. Upsal. 4 (no. 2): 42, 52, 149. pl. 10. 1940.

"Type 16...Plants from samples collected in Maoni (13062, 13063) Maoni, a mountain village to the northeast of Taining."

(p. 42) Dr. Harry Smith, Collector, Eastern Tibet, 1934-35

Southeastern Asia

Aff. *H. vulgare* var. *nudipyrmidatum* Vav. & Orl.

Hordeum vulgare var. *coeleste* L. Sp. Fl. 85. 1753.

"Hab. -----"

Hordeum vulgare [Gruppe 2. *tetrastichum*] var. *coeleste* (L.) Koern. Zeitschr. Gesamte Brauw. 5: 126, 180. pl. 8. f. 11. 1882.

Based on *H. vulgare* var. *coeleste* L.

Hordeum vulgare var. *coeleste* subv. *himalayense* (Rittig) Harlan, U. S. Dept. Agr. Bull. 622: 17. 1918.

Harlan cites: "himalayense Rittig (as var., 1882, according to Roemer and Schultes, 1824, p. 481). Roem. & Schult. cite *Hordeum himalayense* Rittig; Schult."

Based on: *Hordeum himalayense* Rittig

Hordeum vulgare var. *coeleste* subv. *nudipyrmidatum* (Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 17. 1918.

Harlan cites: "Körnische (as var., 1895, p. 9)" which is Koern. Die Hauptsach. Form. Saatgerste, and gives the following.

Based on: *Hordeum vulgare sensu latiore* Erste Gruppe *Hordeum hexastichum* 9. var. *nudipyrmidatum* Koern.

Hordeum vulgare var. *coeleste* subv. *revelatum* (Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 17. 1918.

Harlan cites: "Körnische (as var., 1882, p. 167)," which is Koern. Zeitschr. Gesamte Brauw. 5: and gives the following.

Based on: *Hordeum vulgare* [Erste Gruppe *hexastichum*] 8. *revelatum* Koern. Germany

"Kultiviert in Abessinien und von W. Schimper gesammelt, im Berliner Herbarium"

Hordeum vulgare var. *coeleste* subv. *sublatiglumatum* (Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 17. 1918.

Harlan cites "sublatiglumatum Körnicke (as var., 1908, p. 425)." This is Koern. Aroh. Bientologie 2: Körnicke gives the following which is taken as basis: *Hordeum sativum* II *Hordeum tetrastichum* var. *sublatiglumatum* Koern.

"Ich erhielt sie von Alb. Atterberg im Januar 1899." Source unknown. Perhaps a hybrid of *H. tetrastichum coeleste* und *H. distichum abyssinicum*

Hordeum vulgare var. *coeleste* subv. *typica* Harlan, U. S. Dept. Agr. Bull. 622: 17. 1918.

Hordeum vulgare var. *coeleste* subv. *violaceum* (Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 17. 1918.

Harlan cites: "violaceum Körnicke (as var., 1882, p. 183)." This is Koern. Zeitschr. Gesamte Brauw. 5: Koern. gives the following, which is taken as basis: *Hordeum vulgare* Zweite Gruppe *Tetrastichum* var. 19. *violaceum* Koern.

Hordeum vulgare var. *coeruleum* Link, Handb. Gewächs. 1: 7. 1829.

Europe

Hordeum vulgare var. *coeruleum* Ser. Cér. Eur. 347. 1841.

Europe

Hordeum vulgare [Gruppe 2. *tetrastichum*] var. *coeruleum* (Sér.) Koern. Zeitschr. Gesamte Brauw. 5: 126, 170. 1882.

Koern. has above under Gruppe *tetrastichum* which he also calls unterarten on p. 125.

Based on *H. vulgare coeruleum* Sér.

Hordeum vulgare [Gruppe IV *distichum*] var. *compositum* Koern. Zeitschr. Gesamte Brauw. 5: 127, 206. pl. 14 f. 31. 1882.

"Ich erhielt diese Gerste vom Oberamtmann W. Rimpau in Schlanstedt. Sie war jedoch schon früher in botanischen Gärten, denn sie wurde um das Jahr 1856 in Poppelsdorf kultiviert."

= compound form of *H. distichum palmella nutans* fide Harlan

Hordeum vulgare [Gruppe 4. *distichum*] var. *contractum* Koern. Zeitschr. Gesamte Brauw. 5: 127, 198. 1882.

"Abessinien....--Von W. Schimper gesammelt im Herbarium A. Brauns."

Hordeum vulgare var. *cornutum* Åberg, Symbol. Bot. Upsal. 4 (no. 2): 46, 56, 149. pl. 11. 1940.

Type 21...Plants from samples collected in Maoni (13062, 13063) (p. 46)

Maoni, a mountain village to the northeast of Taining. Dr. Harry Smith, Collector, Eastern Tibet, 1934-35. Southeastern Asia

Hordeum vulgare var. *cornutum* Schrad. Linnaea 12: 471. 1838.

"auf die im Göttinger botanischen Garten kultivierten" Germany

Hordeum vulgare [Gruppe 2. *tetrastichum*] var. *cornutum* (Schrad.) Koern. Zeitschr. Gesamte Brauw. 5: 126, 183. 1882.

Based on *Hordeum vulgare* var. *cornutum* Schrad.

"Im Herbarium Schrader's (Professor der Botanik in Göttingen) scheint sie sich nicht zu befinden.... Ich habe sie nicht gesehen"

Hordeum vulgare var. *corticatum* Spenn. Fl. Friburg. 1: 168. 1825.

[Friburg. Germany]

Hordeum vulgare var. *corticatum* Doell, in Mart. Fl. Bras. 2: 231. 1880. of Spenn. 1825.

No citation

X *Hordeum vulgare* [Gruppe II *Hordeum tetrastichum*] var. *crispipillum* Koern. Hauptsach. Form. Saatgerste 10. 1895.

"Aus einer Kreuzung des W. Rimpau's des *H. distichum* L. var. *compositum* Koern. ♂ und *H. tetrastichum* Koern. var. *coeleste* L. ♀."

= compound form of *H. vulgare coeleste* fide Harlan

Hordeum vulgare [II Gruppe *Hordeum tetrastichum*] var. *crispum* Koern. Die Hauptsach. Form. Saatgerste 4. 1895.

= compound form of *H. vulgare pallidum* fide Harlan

Hordeum vulgare [Gruppe II tetrastichum] var. *ovculatum*,
Koern. Zeitschr. Gesamte Brauw. 5: 126, 179. 1882.

"Kultiviert in Abessinien und von W. Schimper gesammelt im Berliner Herbarium."

"a malformation of *H. v. horsfordianum*" fide Harlan

Hordeum vulgare [Gruppe 4. *Hordeum distichum*] var.

decortiatum Koern. Die Hauptsäch. Form. Saatgerste 7, 11. 1895.

"Gleich var. *Steudellii* Koern., aber die Körner nackt, R. 1."

"Die mit R. 1 bezeichneten stammen aus Kreuzungen des *Hordeum vulgare* L., var. *trifurcatum* Schl. ♂ und *H. distichum* L., var. *Steudellii* Koke. ♀"

Hordeum vulgare [Gruppe 4. *Hordeum distichum*] var.

decussatum Koern. Die Hauptsäch. Form. Saatgerste 8. 1895.

"Die mit R. 1 bezeichneten stammen aus Kreuzungen des *Hordeum vulgare* L., var. *trifurcatum* Schl. ♂ und *H. distichum* L., var. *Steudellii* Koke. ♀"

Hordeum vulgare [Gruppe 4. *distichum*] var. *deficiens*

(Steud.) Koern. Zeitschr. Gesamte Brauw. 5: 127, 205. pl. 14. f. 29. 1882.

"Steud. in pl. exsicc. Un. itiner. Schimper iter Abyssin. no. 589 (1842) und no. 1949, 1953, 1957."

Abyssinia Africa

Hordeum vulgare [Gruppe 4. *Hordeum distichum*] var.

densum Koern. Die Hauptsäch. Form. Saatgerste 7, 11. 1895.

"Gleich var. 60 [*H. vulgare* (Gruppe 4. *H. distichum*) var. *latispiatum*] aber die Körner nackt. R. 2."

"die mit R. 2 bezeichneten aus *H. vulgare* L., var. *trifurcatum* Schl. ♂ und *H. distichum* L., var. *zeorithum* L. ♀, beide von W. Rimpau ausgeführt. Einige derselben sind noch nicht constant."

Cult.

Hordeum vulgare var. *distichon* (L.) Hook. f. Fl. Brit.

Ind. 7: 371. 1896.

Based on *H. distichon* L.

Hordeum vulgare ssp. *distichum* (L.) Thell. Mem. Soc.

Sci. Nat. Math. Cherbourg 38: 161. 1912.

[*Hordeum distichum* L.] "(L. pro. spec.)" cited.

Hordeum vulgare ssp. *distichum* var. *deficiens* (Steud.)

Schweinf. Bull. Herb. Beiss. 2: App. 2: 46. 1894, without descr.

Presumably based on *Hordeum deficiens* Steud.

Hordeum vulgare var. *duplinigrum* subv. *typica* Harlan,

U. S. Dept. Agr. Bull. 622: 17. 1918.

[see *duplinigrum*]

Hordeum vulgare [Gruppe 4. *Hordeum distichum*] var.

duplealbum Koern. Die Hauptsäch. Form. Saatgerste 8. 1895.

"Die mit R. 1 bezeichneten stammen aus Kreuzungen des *Hordeum vulgare* L., var. *trifurcatum* Schl. ♂ und *H. distichum* L., var. *Steudellii* Koke. ♀"

The var. is given under Gruppe 4 *Hordeum distichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the gruppe name acc. to A.S.H. this could not be considered a subspecies.

Hordeum vulgare [Gruppe 2. *Hordeum tetrastichum*] var.

duplinigrum Koern. Die Hauptsäch. Form. Saatgerste 4, 9. 1895.

"Gleich var. 19 *atrospiatum* Koke., aber die Körner nackt. R. 1."

"Die mit R. 1 bezeichneten stammen aus Kreuzungen des *Hordeum vulgare* var. *trifurcatum* Schl. ♂ und *H. distichum* L., var. *Steudellii* Koke. ♀"

Hordeum vulgare var. *elongatum* Karl Hansen ex Beaven,

Jour. Fed. Inst. Brewing 8: 578. 1902.

K. H., Karl Hansen of Lyngby, near Copenhagen who Beaven says in his introd. sent "a large number of the specimens of the rarer varieties of barley." On p. 580 Beaven says, "Those with the affix K.H. are, I believe, results of crosses by Mr. Hansen, but I have no information of their parentage."

Hordeum vulgare erectum (Schübl. et Mart.) Alefeld,

Landw. Fl. 342. 1866.

H. distichum erectum Schübl. & Mart.

Hordeum vulgare [Gruppe 4. *distichum*] var. *erectum*

(Schuebl.) Koern. Zeitschr. Gesamte Brauw. 5: 127, 196. pl. 11. f. 22. 1882.

Based on *H. distichon* a) *erecta* Schuebl.

Cult. Germany

Hordeum vulgare [Gruppe 4. *Hordeum distichum*] var.

erectum subv. *patens* (Eriks.) Koern. Die Hauptsäch. Form. Saatgerste 6, 10. 1895.

The var. is given under Gruppe 4. *Hordeum distichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe name acc. to A.S.H. this could not be considered a subsp.

Hordeum vulgare [Gruppe 1. *hexastichum*] var. *eurylepis*

Koern. Zeitschr. Brauw. 5: 125, 167. 1882.

"In Abessinien angebaut und von W. Schimper gesammelt im Berliner Herbarium."

Hordeum vulgare var. *giganteum* Sweet, Hort. Brit. 444.

1826, without descr.

Hordeum vulgare [Gruppe 1. *hexastichum*] var. *gracilius*

Koern. Zeitschr. Gesamte Brauw. 5: 125, 167. 1882.

"In Abessinien kultiviert und von W. Schimper gesammelt im Berliner Herbarium."

= *H. v. nigrum* Schimperianum fide Harlan.

Hordeum vulgare [Gruppe 3. *Hordeum intermedium*] var.

gynnanomalum Koern. Die Hauptsäch. Form. Saatgerste 5, 10. 1895.

"var. 32 *anomalum* Koke. and 33 *gynnanomalum* Koke. Ähren blassgelb. R. 2."

"Die mit R. 2 bezeichneten aus *H. vulgare* L., var. *trifurcatum* Schl. ♂ und *H. distichum* L., var. *zeorithum* L. ♀, beide von W. Rimpau ausgeführt. Einige derselben sind noch nicht constant."

X *Hordeum vulgare* [Gruppe 4. *Hordeum distichum*] var.

gymnorithum Koern. Die Hauptsäch. Form. Saatgerste 6, 10. 1895.

"Die Ähren wie bei var. *zeorithum* L.; die Körner nackt. R. 2."

"die mit R. 2 bezeichneten aus *H. vulgare* L., var. *trifurcatum* Schl. ♂ und *H. distichum* L., var. *zeorithum* L. ♀, beide von W. Rimpau ausgeführt. Einige derselben sind noch nicht constant."

X *Hordeum vulgare* [Gruppe 4. *Hordeum distichum*] var.

gynnosperum Koern. Die Hauptsäch. Form. Saatgerste 7, 11. 1895.

"Gleich var. 63 [*H. vulgare* (Gruppe 4. *Hordeum distichum*) var. *tridax* Koern.], aber die Körner nackt, schwarz. R. 1."

"Die mit R. 1 bezeichneten stammen aus Kreuzungen des *Hordeum vulgare* L., var. *trifurcatum* Schl. ♂ und *H. distichum* L., var. *Steudellii* Koke. ♀"

X *Hordeum vulgare* var. *hemulatum* Karl Hansen ex Beaven,

Jour. Fed. Inst. Brewing 8: 578. 1902.

K. H., Karl Hansen of Lyngby, near Copenhagen, who Beaven says in his introd. sent a "large number of the specimens of the rarer varieties of barley." On p. 580 Beaven says, "Those with the affix K.H. are, I believe, results of crosses by Mr. Hansen, but I have no information of their parentage."

Hordeum vulgare [Gruppe III intermedium] var. *haxtoni*

Koern. Zeitschr. Gesamte Brauw. 5: 126, 185. 1882.

"John Haxton in Morton Cyclop. Agr. 183. 1869."

Cult.

Hordeum vulgare [IV Gruppe *distichum*] var. *heterolepis*

Koern. Zeitschr. Gesamte Brauw. 5: 127, 202. pl. 12 f. 25. 1882.

Cult.

= "*H. distichon palmella macrolysis* with only the two outermost glumes expanded" fide Harlan

Hordeum vulgare [Gruppe II tetrastichum] var. *Heuzei*

Koern. Zeitschr. Gesamte Brauw. 5: 126, 170. 1882.

Based on *H. tortile* Heuze...nicht Robert

[France]

= *H. v. pallidum*...with malformed awns approaching hoods" acc. to Harlan

[on]

Hordeum vulgare var. *hexastichum* (L.) Aschers. Fl.

Prov. Brandenburg. 1: 873. 1864.

Based on *H. hexastichum* L.

Hordeum vulgare convar. *hexastichon* var. *dananum* Nakao.

in Kihara, Land & Crops of Nepal Himalaya 328.

J. 7. 1953.

"in Dana (alt. 1420 m)---Kali Gandaki River Basin---

Latin descr. p. 342

Hordeum vulgare ssp. *hexastichon* var. *dumdar-beyi*

Zhuk. Bull. Appl. Bot. 196: 68. 1928.

"Habit.: in Cilicia, prope Adana, in cultu (inter segetes Hord. vulg. pallid. Sér.)"

Hordeum vulgare convar. *hexastichon* var. *nepalense*

Nakao, in Kihara, Land & Crops of Nepal Himalaya

323. f. 4. 1953.

"This is the short awned form of var. *nigrum*.---found among seed population of var. *nigrum* in Thonje (alt. 2023 m)---also---in Chame (alt. 2641m) and Ulleri (alt. 2019 m).

Latin descr. p. 342

Hordeum vulgare convar. *hexastichon* var. *pisangense*

Nakao in Kihara, Land and Crops of Nepal Himalaya

328. f. 8. 1953.

"This is the dense ear form of var. *trifurcatum* "from Pisang (alt. 3084)---

Latin description p. 342

Hordeum vulgare convar. *hexastichon* var. *subhypatherum*

Nakao in Kihara, Land and Crops of Nepal Himalaya

324. 1953.

"---green kernel form of var. *hypatherum* ---from Ulleri (alt 2019 m)"

Latin description p. 342

Hordeum vulgare convar. *hexastichon* var. *ullerense* Nakao
in Kihara, Land & Crops of Nepal Himalaya 324. 1953.

"This is the green kernal form of var. *breviaristatum* or short awned form of var. *oerulescens*--- Ulleri (alt. 2019 m.)"

Latin descrip. 342.

Hordeum vulgare [Gruppe 2. *tetrastichum*] var. *himalayense*
(Bittig) Koern. Zeitschr. Gesamte Brauw. 5: 182.
pl. 8. f. 12. 1882.

Based on *H. himalayense* Bittig ex Schult.

Hordeum vulgare *horsfordianum* Wittm. Bericht. Deutsch.

Bot. Ges. 2: LKI. 1884. (Abstract), without descr.;

Harlan, U. S. Dept. Agr. Bull. 622: 16. 1918.

"Herr Wittmack legte Körner einer neuen varietät von *Hordeum vulgare* *trifurcatum* Sér. (H. *Aegloera* E. Meyer) vor, die er zu Ehren des Züchters, Herrn Horsford in Charlotte, Vermont, Ver. St., *H. vulgare* var. *Horsfordianum* benannt hat." [Copied from Wittm. abstract] According to Contributions, Herrn Horsford has obtained this barley through a crossing of *Macourgeon*-Gerste with *Nepal*-Gerste.

[See also Koern. & Wern. Handb. Getriedebau 1: 166. 1885]

Cult.

Hordeum vulgare *horsfordianum* subv. *hexastioofurcatum*

(K. H. ex Beaven) Harlan, U. S. Dept. Agr. Bull.

622: 16. 1918.

Harlan cites under above trinomial "*hexastioofurcatum* Karl Hansen in Beaven (as var., 1902, p. 577). This refers to Beaven, Jour. Fed. Inst. Brewing 8 (no. 5): Given here as below:

Based on "*Hordeum hexastichum* var. *hexastioofurcatum* K. H." ex Beaven.

K. H. refers to Karl Hansen of Lyngby, near Copenhagen, who Koern. in his introd. says sent him a large number of the specimens of the rarer varieties of barley.

Hordeum vulgare var. *horsfordianum* subv. *typica* Harlan,
U. S. Dept. Agr. Bull. 622: 16. 1918.

Hordeum vulgare *hybernium* Viborg. ex Alefeld, Landw.

Fl. 340. 1866.

Deutschland...Niederlanden, England, Skandinavien."

Hordeum vulgare [Gruppe 4. *Hordeum distichum*] var.

hypianthum Koern. Die Hauptsach. Form. Saatgerste 6, 10. 1895.

"Source same as var. 13. (*Hordeum vulgare* [Gruppe 2. *Hordeum tetrastichum*] subviolaceum Koke."

Under var. 13 says, "Spontane Kreuzung bei W. Rimpau von var. *violaceum* Koke. mit einer Var. des *H. distichum* L., aus welcher auch var. 38 *hypianthum* Koke. ...hervorgingen."

Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe name acc. to A.S.H. this could not be considered a variety.

Hordeum vulgare [Gruppe 4. *Hordeum distichum*] var.

ianthum Koern. Die Hauptsach. Form. Saatgerste 6, 10. 1895.

Source same as var. 13 [*Hordeum vulgare* (*Hordeum tetrastichum*) var. *subviolaceum*.]

Says under H. v. var. *subviolaceum*: "Spontane Kreuzung bei W. Rimpau von var. *violaceum* Koke. mit einer Var. des *H. distichum* L., aus welcher auch var.*ianthum* Koke. hervorgingen."

Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe name acc. to A.S.H. this could not be considered a subsp.

Hordeum vulgare [Gruppe 4. *Hordeum distichum*] var.

inerna Koern. Die Hauptsach. Form. Saatgerste 8. 1895.

"Die mit B. 1 bezeichneten stammen aus Kreuzungen des *Hordeum vulgare* L., var. *trifurcatum* Schl. ♂ und *H. distichum* L., var. *Steudelii* Koke. ♀ ;"

Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe name acc. to A.S.H. this could not be considered a asp.

Hordeum vulgare III *intermedium* see

discussion by Åberg & Wiebe, Journ. Washington Acad. Sci. 35: 162, 163. 1945.

"In 1936 Orlov, Fl. Cult. Fl. II, pp. 228-229 included the irregular barleys under subsp. *intermedium* Vav. et Orlov. (subsp. nov.) and pointed out that this subspecies is sharply distinguished from subsp. *intermedium* Koke."

Dr. Åberg, assoc. with Wiebe, B. P. I. in above paper, is said in their bibl. to have a transl. of part of the Orlov book.

Hordeum vulgare convar. *intermedium* var. *montanum*

Nakao, in Kihara, Land and Crops of Nepal Himalaya

329. f. 6. 1953.

"mid-mountain region, such as Ngyak (alt. 2200 m), Ulleri (alt. 2019 m) and Chame (alt. 2641 m.)"

Latin descr. p. 343

Hordeum vulgare convar. *intermedium* var. *Nana-Frasadii*

Nakao in Kihara, Land & Crops of Nepal Himalaya

330. f. 4. 1953.

"---black coloured form of var. *japonicum* ---Ulleri (alt. 2019 m) and Ghara (alt. 1821 m).

Latin description p. 343

Hordeum vulgare convar. *intermedium* var. *nigrochinense*

Nakao in Kihara, Land & Crops of Nepal Himalaya

332. f. 4. 1953.

"---black coloured ear form of var. *chinense*---Ulleri (alt. 2019 m).

Latin descr. p. 343

Hordeum vulgare convar. *intermedium* var. *nudicapitatum*

Nakao, in Kihara, Land & Crops of Nepal Himalaya

331. f. 2. 1953.

"---very dense ear form of var. *nudinipponicum*. Nepal at Ulleri (alt. 2019 m) and Gab (alt. 2129 m)

Latin descr. p. 343

Hordeum vulgare convar. *intermedium* var. *nudicongestum*

Nakao in Kihara, Land & Crops of Nepal Himalaya

331. f. 5. 1953.

"---very dense ear form of var. *nudijaponicum*, Ulleri (alt. 2019 m) and Sekha (alt. 2031 m)---"

Latin descr. p. 343.

Hordeum vulgare convar. *intermedium* var. *nudimontenum*

Nakao, in Kihara, Land and Crops of Nepal, Himalaya

330. f. 3, 6. 1953.

"---naked form of var. *montanum*---upper basin of Marsyandi River,---Manangbhot (alt. 3494 m.), Pisang (alt. 3084 m), Chame (alt. 2641 m), Thanja (alt. 2615 m),---"

Latin descr. p. 343.

Hordeum vulgare convar. *intermedium* var. *tonsum*

(Mansf.) Nakao in Kihara, Land & Crops of Nepal

Himalaya 332. 1953.

"classified by Mansfeld (1950) as convar. *hexastichon*

"---Keronja (alt. 2029 m) Ulleri (alt. 2019 m) and Kagbeni (alt. 2798 m)."

Hordeum vulgare var. *kranianum* Wittm. Sitzungsab. Ges.

Naturf. Freund. Berlin No. 1: 1. 1885.

[Suggested segregate from *Hordeum vulgare* *erectum* Schubl. Not described]

"= compound form of *H. distichum* *palmella* *erectum* with some naked grains" fide Harlan.

Hordeum vulgare var. *lanatum* Åberg, Symbol. Bot. Upsal.

4 (no. 2): 44, 53, 149. pl. 11. 1940.

Type 18... "Plants from sample collected in Maeniu (13062)" (p. 44)

Maeniu, a mountain village to the northeast of Taining. Dr. Harry Smith, Collector, Eastern Tibet, 1934-35.

Southeastern Asia

Hordeum vulgare [Gruppe 2. *Hordeum tetrastichum*] var.

latiglumatum Koern. Die Hauptsach. Form. Saatgerste

4, 9. 1895.

"Die mit B. bezeichneten sind gezogen aus einer Kreuzung des *H. hexastichum* ♂ und *H. distichum* L. var. *macrolepis* A. Br. ♀ ausgeführt von Prof. Dr. Beyerinck in Delft. Sie sind constant."

Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe name acc. to A.S.H. this could not be considered a subspecies.

Hordeum vulgare [Gruppe 4. *Hordeum distichum*] var.

latispicatum Koern. Die Hauptsach. Form. Saatgerste

7, 11. 1895.

"Die mit B. 1 bezeichneten stammen aus Kreuzungen des *Hordeum vulgare* L., var. *trifurcatum* Schl. ♂ und *H. distichum* L., var. *Steudelii* Koke. ♀ ;"

The var. is given under Gruppe 4. *Hordeum distichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe name acc. to A.S.H. this could not be considered as a subspecies.

Hordeum vulgare var. *laxifurcatum* Karl Hansen in Beaven

Journ. Fed. Inst. Brewing 8: 578. 1902.

K. H., Karl Hansen of Lyngby near Copenhagen who Beaven in his introd. says sent him "a large number of the specimens of the rarer varieties of barley."

= *H. vulgare* *strum* acc. to Harlan

Hordeum vulgare [Gruppe 4. *Hordeum distichum*] var.

laxum Koern. Die Hauptsach. Form. Saatgerste 7, 11.

1895.

"Gleich var. 59 [*H. vulgare* (Gruppe 4. *Hordeum distichum*) var. *angustispicatum*] aber die Körner nackt. Von der Handelsgärtnerei Haage & Schmidt in Erfurt als 'naakte, dreigabelige, zweireihige Gerste' erhalten."

The var. is given under Gruppe 4. *Hordeum distichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe name acc. to A.S.H. this could not be considered a subsp.

Hordeum vulgare [Gruppe 2. *tetrastichum*] var. *leiorrhynchum*

Koern. Zeitschr. Gesamte Brauw. 5: 126, 178.

pl. 7. f. 10. 1882.

"Sie stammt aus einem botanischen Garten."

Cult.

Hordeum vulgare var. *leiorrhynchum* Koern. Bull. Bur.

Angew. Bot. St. Pétersb. 2: 73. 1908.

[*Hordeum vulgare* Gruppe 2. *tetrastichum* var. *leiorrhynchum* Koern.]

Cult.

Hordeum vulgare var. *leiorrhynchum* subv. *atterbergi*

R. Regel. Bull. Bur. Angew. Bot. St. Pétersb.

2: 78. 1908.

[cultivated]

Hordeum vulgare var. *leiorrhynchum* subv. *hirtinoulum*

R. Regel, Bull. Bur. Angew. Bot. St. Pétersb. 2: 78.

1908.

[cultivated]

Hordeum vulgare var. *leiorrhynchum* subv. *julias* R.

Regel, Bull. Bur. Angew. Bot. St. Pétersb. 2: 76.

1908.

"zwischen der schwarzen sechszeiligen Gerste von Don als auch in der identischen von Vilmarin gefunden."-----[cultivated]

Hordeum vulgare var. *leierrhynchum* subv. *laevipaleatum*
R. Regel, Bull. Bur. Angew. Bot. St. Pétersb. 2: 77.
1908.

[cultivated]

Hordeum vulgare var. *leierrhynchum* subv. *mekludowi*
R. Regel, Bull. Bur. Angew. Bot. St. Pétersb. 2: 73.
1908.

[cultivated]

Hordeum vulgare var. *leierrhynchum* subv. *soabrinophilum*
R. Regel, Bull. Bur. Angew. Bot. St. Pétersb. 2: 77.
1908.

"zwischen der schwarzen sechzelligen Gerste von Don,
auch in der identischen von Vilmarin gefunden."

[cultivated]

Hordeum vulgare var. *leucomacrolepis* Koern. Syst.
Uebers. Cereal 6. 1873, nom. semi-nud.

Hordeum vulgare var. *longistachyum* K. H. ex Beaven,
Jour. Fed. Inst. Brewing 8: 578. 1902.

K. H., Karl Hansen of Lyngby, near Copenhagen, who
Beaven says in his introd. sent a "large number of
the specimens of the rarer varieties of barley." On
p. 580 Beaven says, "Those with the affix K. H.
are, I believe, results of crosses by Mr. Hansen,
but I have no information of their parentage."

Hordeum vulgare [IV Gruppe distichum] var. *macrolepis*
Koern. Zeitschr. Gesamte Brauw. 5: 127, 205. 1882.

[*Hordeum macrolepis*] "A. Br. Delect. sem. h.
Friburg (1848) p. 2. p.p." cited.

"In Abyssinien gebaut und von W. Schimper gesammelt;
jetzt in unseren botanischen Garten."

Hordeum vulgare var. *macroteron* Alefeld, Landw. Fl.
340. 1866.

"less dense forms of H. v. pallidum pyramidatum."
fide Harlan

Hordeum vulgare [Gruppe 4. distichum] var. *medioum* Koern.
Zeitschr. Gesamte Brauw. 5: 126, 195. pl. 10. f. 18
1882.

"Befand sich in einigen Körnern unter persischem
Weizen, der als Handelsware nach Holland kam."

Hordeum vulgare [Gruppe 4. distichum] var. *melanocorithum*
Koern. Zeitschr. Gesamte Brauw. 5: 127, 200. 1882.

"Von W. Schimper in Abessinien gesammelt im Berliner
Herb."
Abyssinia

Hordeum vulgare var. *melanomacrolepis* Koern. Syst.
Uebers. Cereal. 6. 1873, nom. semi-nud.

Hordeum vulgare var. *microsperum* Schur, Enum. Fl.
Transsilv. 811. 1866.

Transsilvania

Hordeum vulgare var. *mutilatum* K. H. ex Beaven, Jour.
Fed. Inst. Brewing 8: 578. 1902.

K. H., Karl Hansen of Lyngby, near Copenhagen, who
Beaven says in his introd. sent "a large number of
the specimens of the rarer varieties of barley." On
p. 580 Beaven says, "Those with the affix K. H. are,
I believe, results of crosses by Mr. Hansen, but I
have no information of their parentage."

Cult. Denmark

Hordeum vulgare [Gruppe 4. *Hordeum distichum*] var. *neo-*
genes Koern. Die Hauptsach. Form. Saatgerste 6, 10.
1895.

"Die Aehren wie bei H. dist. erectum patens; die
Körner nackt. R. 2."

"Die mit R. 2 bezeichneten aus H. vulgare L. var.
trifurcatum Schl. ♂ und H. distichum L. var. sec-
orithum L. ♀, beide von W. Rimpau ausgeführt.
Einige derselben sind noch nicht constant."

Hordeum vulgare [IV. Gruppe distichum] var. *nigrescens*
Koern. Zeitschr. Gesamte Brauw. 5: 126, 195. pl. 10
f. 19. 1882.

Cult.

"a brown form of H. distichum nigricans" fide
Harlan

Hordeum vulgare [Gruppe 4. distichum] var. *nigricans*
(Sér.) Koern. Zeitschr. Gesamte Brauw. 5: 126, 195.
pl. 11. f. 20. 1882.

Based on *Hordeum distichum nigricans* Sér.

"Kultiviert in Abessinien und von W. Schimper an
A. Braun geschickt. Von dieser stammen wohl teil-
weise die pflanzen unserer botanischen Garten."

Hordeum vulgare var. *nigrum* Link, Handb. Gewachs.
1: 7. 1829.

Europe

Hordeum vulgare var. *nigrum* (Willd.) Peterm. Fl. lips.
69. 1838. Not Link 1829.

[Sér. eur 348. 1841 same basis]

Based on H. *nigrum* Willd.

Hordeum vulgare var. *nigrum* Schur, Enum. Fl.
Transsilv. 811. 1866. Not Link, 1829.

"bei Kronstadt. Juli."

Hordeum vulgare [Gruppe 2. tetrastichum] var. *nigrum*
(Willd.) Koern. Zeitschr. Gesamte Brauw. 5: 126,
177. 1882.

Based on H. *nigrum* Willd.

Hordeum vulgare [var.] *nigrum* subv. *atrospicatum*
(Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 16.
1918.

Harlan cites under above trinomial "atrospicatum
Körncke (as var., 1895, p. 9)." This refers to
Koern. Die Hauptsach. Form. Saatgerste 9. 1895.
Given here as below which is taken as basis:

Based on *Hordeum vulgare* zweite Gruppe
Hordeum tetrastichum Koern. var. *atrospic-*
atum Koern.

Hordeum vulgare [var.] *nigrum* subv. *leierrhynchum*
(Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 16.
1918.

Harlan cites under above trinomial "leierrhynchum
Körncke (as var., 1882, p. 178)." This refers to
Koern. Zeitschr. Gesamte Brauw. 5: Given here as;
below which is taken as basis.

Based on H. *vulgare* 2. tetrastichum 13 var.
leierrhynchum Koern.

Cult. Bot. Gart.

Hordeum vulgare [var.] *nigrum* subv. *platylepis* (Koern.)
Harlan, U. S. Dept. Agr. Bull. 622: 16. 1918.

Harlan cites under above trinomial "platylepis
Körncke (as var., 1895, p. 9)." This refers to
Koern. Die Hauptsach. Form. Saatgerste. Given here
as below:

Based on *Hordeum vulgare* Erste Gruppe
Hordeum hexastichum var. *platylepis* Koern.

Hordeum vulgare subv. *nigrum* rarum Menabde, Trudy
Tbiliss. Botanichesk. Inst. (Trav. Inst. Bot.
Tbilissi) (Tiflis) 6: 211. f. 2. 1938.

[article in Russian with English summary]

Georgia, Transcaucasia. Asia.

Hordeum vulgare [var.] *nigrum* subv. *schimperianum*
(Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 16.
1918.

Harlan cites under above trinomial "schimperianum
Körncke (as var., 1882, p. 166)." This refers to
Koern. Zeitschr. Gesamte Brauw. 5. Given here as
below which is taken as basis

Based on H. *vulgare* 1. hexastichum var. *Schimperianum*
Koern.

"In Abessinien Schimper gesammelt im Berliner
Herbarium."

Cult.

Hordeum vulgare var. *nigrum* subv. *typica* Harlan, U.S.
Dept. Agr. Bull. 622: 16. 1918.

Hordeum vulgare [Gruppe 4. *Hordeum distichum*] var. *radi-*
deficiens Koern. Die Hauptsach. Form. Saatgerste
7, 11. 1895.

"Gleich var. *deficiens* Steud. aber die Körner
nackt. R. 1."

"Die mit R. 1 bezeichneten stammen aus Kreuzungen
des *Hordeum vulgare* L., var. *trifurcatum* Schl. ♂
und H. *distichum* L., var. *Steudellii* Eke, ♀."

Hordeum vulgare var. *nudihartoni* Glinysany, Bull. Appl.
Bot. II, Gen. Fl. Breed. & Cytol. 7: 355, 375.
1937, Russian with English summary.

Two varieties of barley—*Hordeum vulgare* var. *nudi-*
hartoni and H. *vulgare* var. *trifurcatum* were crossed.
The former has long awns on the central spikelets
and awnlike appendages on the lateral spikelets.

Hordeum vulgare var. *nudinutilatum* K. H. ex Beaven,
Jour. Fed. Inst. Brewing 8: 578. 1902.

"K.H.", Karl Hansen of Lyngby, near Copenhagen, who
Beaven says in his introd. sent "a large number of
the specimens of the rarer varieties of barley." On
p. 580 Beaven says, "Those with the affix K. H.
are, I believe, results of crosses by Mr. Hansen,
but I have no information of their parentage."

Cult. Denmark

Hordeum vulgare [Gruppe 1. *Hordeum hexastichum*] var.
nudipyramidatum Koern. Die Hauptsach. Form.
Saatgerste 3, 9. 1895.

"die mit R. 2 bezeichneten aus H. *vulgare* L. var.
trifurcatum Schl. ♂ und H. *distichum* L. var. *sec-*
orithum L. ♀, beide von W. Rimpau ausgeführt.
Einige derselben sind noch nicht constant."

Hordeum vulgare var. *nudiramosum* K. H. ex Beaven,
Jour. Fed. Inst. Brewing 8: 578. 1902.

"K.H.", Karl Hansen of Lyngby near Copenhagen who
Beaven in his introd. says sent him "a large number
of the specimens of the rarer varieties of barley."
= "compound form of H. *vulgare coeleste*" fide
Harlan

Hordeum vulgare var. *nudum* Spenner, Fl. Friburg 1: 168.
1825.

"H. *vulgare coeleste* Linn. spec. et cum. auct.—
H. *polystichum* Hall. 1. o. f. 21.—H. *gymnocorithum*.
Bauh. hist. 2. p. 430." cited.

[Friburg. Germany]

Hordeum vulgare var. *nudum* Opiz ex Bercht. Oeken.-
techn. Fl. Bohmens 1: 268. 1836. Not Spenner 1825.

Bohemia

Hordeum vulgare var. *nudum* Opiz, Seznam. Rostl. České.
53. 1852. nom. nud. Not Spenner 1825.

Bohemia

Hordeum vulgare var. *nudum* Doell, in Mart. Fl. Bras.
231. 1880. [Not Spenner 1825]

[Doell lived at Friburg and may have had Spenner's var. in mind.]

No citation

Hordeum vulgare [Gruppe 4. *distichum*] var. *nudum* (L.)
Koern. Zeitschr. Gesamte Brauw. 5: 127, 200. pl. 12.
f. 24. 1882.

Based on *H. distichum* var. *nudum* L.

Hordeum vulgare var. *nudum* (Ard.) Hook. f. Fl. Brit.
Ind. 7: 371. 1896. Not Spenner 1825.

Based on *H. nudum* Ard.

Asia

Hordeum vulgare mutans (Schuebl. & Mart.) Alefeld,
Landw. Fl. 343. 1866.

Based on *Hord. distichum mutans* Schuebl. [& Mart.]

Hordeum vulgare [Gruppe 4. *distichum*] var. *mutans*
(Schuebl.) Koern. Zeitschr. Gesamte Brauw. 5: 126,
194. pl. 10. f. 17. 1882.

Based on *Hordeum distichum* var. *mutans* Schuebl.

Cult.

Germany

Hordeum vulgare pallidum Sér. Cér. Eur. 346. pl. 3.
1841.

Cultivated

Hordeum vulgare [Gruppe 2. *tetrastichum*] var. *pallidum*
(Sér.) Koern. Zeitschr. Gesamte Brauw. 5: 126, 168.
pl. 6. f. 7. 1882.

Based on *H. vulgare pallidum* Sér. which he cites
Cult.

Hordeum vulgare var. *pallidum afghanicum* Vav. and
Bukinich, Agr. Afghan. Leningrad 299. f. 224. 1929.

"A new form of barley with leaflet at the base of
ear and small leaflets at the base of middle grains
in the ear."

"Found in Herat as a very rare variety."

Afghanistan

Hordeum vulgare var. *pallidum* subv. *chitralicum*
Freisleben, Angew. Bot. 22: 107. 1940. Not var.
pallidum Sér. 1841.

"Von diesem Typ fanden sich nur 3 Pflanzen in 2
Proben aus den Hochlagen Chitral. Es ist anzuneh-
men, dass es sich um relativ junge Mutanten des
dort herrschenden *pallidum* - Typus 1 handelt."

[Deut. - Hindukush - Exped. 1935]

British India

Hordeum vulgare var. *pallidum* subv. *coerulescens* (Sér.) Harlan
U. S. Dept. Agr. Bull. 622: 16. 1918.

Based on *Hordeum vulgare coerulescens* Sér.

Hordeum vulgare subv. *pallidum deficiens* Menabde,
Trudy Tbiliss. Botanichesk. Inst. (Trav. Inst. Bot.
Tbilissi) (Tiflis) 6: 213. f. 3. 1938.

[Article in Russian with English summary]

Georgia. Transcaucasia. Asia.

Hordeum vulgare [var.] *pallidum* subv. *eurylepis* (Koern.)
Harlan, U. S. Dept. Agr. Bull. 622: 16. 1918.

Harlan cites after trinomial given above "*eurylepis*
Körnische (as var., 1882, p. 167)." This refers to
Koern. Zeitschr. Gesamte Brauw. 5: Given here as
below:

Hordeum vulgare l. *hexastichum* var. 6.
eurylepis Koern.

"In Abessinien W. Schimper gesammelt, im Berliner
Herbarium"

Cult.

Hordeum vulgare [var.] *pallidum* subv. *latiglumatum*
(Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 16.
1918.

Harlan cites under above trinomial "*latiglumatum*
Körnische (as var., 1882, p. 9)." This refers to
Koern. Zeitschr. Gesamte Brauw. 5: Given here as
below:

Based on *Hordeum vulgare* [zweite Gruppe *Hordeum*
tetrastichum] Koern. var. *latiglumatum* Koern.

Cult.

Hordeum vulgare [var.] *pallidum* subv. *parallelum*
(Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 16.
1918.

Harlan cites under above trinomial "*parallelum*
Körnische (as var., 1882, p. 166)." This refers to
Koern. Zeitschr. Gesamte Brauw. 5: Given here as:

Based on *Hordeum vulgare* l. *hexastichum* J. var.
parallelum Koern.

Abyssinia

Hordeum vulgare subv. *pallidum pilosum* Menabde, Trudy
Tbiliss. Botanichesk. Inst. (Trav. Inst. Bot.
Tbilissi) (Tiflis) 6: 211. f. 1. 1938.

[Article in Russian with English summary]

Georgia
Transcaucasia. Asia.

Hordeum vulgare [var.] *pallidum* subv. *pyramidatum*
(Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 16.
1918.

Harlan cites under trinomial above "*pyramidatum*
Körnische (as var., 1882, p. 164)." This refers to
Koern. Zeitschr. Gesamte Brauw. 5: Given here as
below:

Based on *Hordeum vulgare* l. *hexastichum* var. 2.
pyramidatum Koern.

Hordeum vulgare [var.] *pallidum* subv. *rikotense* (Regel)
Harlan, U. S. Dept. Agr. Bull. 622: 16. 1918.

Based on *Hordeum vulgare* var. *rikotense* Regel

Hordeum vulgare [var.] *pallidum* subv. *subviolaceum*
(Koern.) Harlan, U. S. Dept. Agr. Bull. 622: 16.
1918.

Harlan cites under above trinomial "*subviolaceum*
Körnische (as var., 1895, p. 2)." This refers to
Koern. Zeitschr. Gesamte Brauw. 5: Given here as
below:

Based on *Hordeum vulgare* Zweite Gruppe
Hordeum tetrastichum Koern. var. *subviolaceum*
Koern.

Hordeum vulgare var. *pallidum* subv. *typica* Harlan,
U. S. Dept. Agr. Bull. 622: 16. 1918.

Hordeum vulgare [Gruppe I. *hexastichum*] var. *parallelum*
Koern. Zeitschr. Brauw. 5: 125, 166. pl. 5. f. 4;
pl. 6. f. 6. 1882.

In Abessinien.... Sie wurden von W. Schimper gesam-
melt und finden sich im Berliner Herbarium. In
einer andern Sorte erhielt ich Sie aus Japan."

Hordeum vulgare [Gruppe 4. *distichum*] var. *persicum*
Koern. Zeitschr. Gesamte Brauw. 5: 126, 196. pl. 11
f. 21. 1882.

"Es fanden sich einige Körner unter persischem
Weizen, welcher in Rotterdam als Handelsware aus-
geschifft und mir von meinem Kollegen H. Werner
überbracht wurde."

Cult.

Hordeum vulgare [Gruppe I. *Hexastichum*] var.
platylepis Koern. Die Hauptsach. Form. Saatgerste
3, 9. 1895.

"einer Kreuzung des *H. hexastichum* ♂ und *H. disti-*
chum L. var. *maurolepis* A. Br. ♀ ausgeführt von
Prof. Dr. Beyerinck in Delft. Sie sind constant."

Koern. disregards these Gruppe names in his index to
Handb. Getreideb. Since he repeats the genus before
the Gruppe acc. to A.S.H. this could not be consid-
ered a subspecies.

Hordeum vulgare l. *polystichum* Doell 2. *genuinum* 5.
albidum Koern. Syst. Uebers Cereal 4. 1873,
without descr.

[Doell pub. ^{likely} *polystichum* as species]

[Cart. Preuss. Landwirtschaftl. Acad. Pöppelsdorf
bei Bonn. Prussia]

Cult.

Hordeum vulgare var. *pseudotrifurcatum* Langedorff,
Verz. Landw.-bot. Gartenbauschule Karlsruhe angeb.
Kulturpfl. 1860: 9. No. 270. 1860.

Copied from Koern. Zeitschr. Gesamte Brauw. 5: 183.
1882.

Hordeum vulgare [Gruppe II *tetrastichum*] var. *pseudotri-*
furcatum (Langed.) Koern. Zeitschr. Gesamte Brauw.
5: 126, 183. 1882.

Based on *H. vulgare* var. *pseudotrifurcatum* Langedorff.

Cites: "Langedorff, Verz. d. i. landw.-bot. G. d.
Gartenbauschule Karlsruhe angeb. Kulturpfl. 1860 S.
9 no. 270" as publication of variety."

Koern. says he hasn't seen the variety and he could
not find it in garden nor collections.

Hordeum vulgare [Gruppe I. *hexastichum*] var. *pyramidatum*
Koern. Zeitschr. Brauw. 5: 125, 164. 1882.

"Sie stammt aus Japan, von woher ich Sie im Gemisch
mit einer Form von var. *parallelum* Koen. und var.
pallidum Sér. erhielt."

Hordeum vulgare [Gruppe I. *Hordeum hexastichum*] var.
pyramidatum subv. *macroteron* (Alefeld) Koern. Die
Hauptsach. Form. Saatgerste 3. 1895.

Presumably based on *H. vulgare macroteron* Alefeld.

Hordeum vulgare [Gruppe 4. *distichum*] var. *ramosum*
(Hochst.) Koern. Zeitschr. Gesamte Brauw. 5: 127,
206. 1882.

Cites: "var. *ramosum* Hochstetter in Flora 31 (1848)
S. 147: *H. dist. ramosum*."

Cult.

Hordeum vulgare [Gruppe I. *hexastichum*] var. *recess*
Koern. Zeitschr. Gesamte Brauw. 5: 125, 167. pl. 6.
f. 5. 1882.

"only two outermost glumes expanded, otherwise as
H. vulgare pallidum eurylepis" fide Harlan.

Hordeum vulgare var. *refractum* K. H. ex Beaven, Jour.
Fed. Inst. Brewing 8: 578. 1902.

"K. H., Karl Hansen of Lyngby, near Copenhagen, who
Beaven says in his introd. sent "a large number of
the specimens of the rarer varieties of barley."
On p. 580 Beaven says, "Those with the affix K. H.
are, I believe, results of crosses by Mr. Hansen,
but I have no information of their parentage."

Hordeum vulgare [Gruppe 4. *Hordeum distichum*] var. *Beh-*
mii Koern. Die Hauptsach. Form. Saatgerste 6, 10.
1895.

"Dr. E. Behm fand sie unter Chevaliergerste (*H. disti-*
mutans) welcher seit mehreren Jahren einige Stöcke
der vierzeiligen Gerste beigelegt waren."

Koern. disregards these Gruppe names in his index to
Handb. Getreideb. Since he repeats the genus before
the Gruppe acc. to A.S.H. this could not be consid-
ered a subspecies.

Hordeum vulgare [Gruppe 1. hexastichum] var. *revelatum*
Koern. Zeitschr. Brauw. 5: 125, 167. 1882.

"Kultiviert in Abessinien und von W. Schimper gesammelt im Berliner Herbarium."

Hordeum vulgare var. *rikotense* R. Regel, Bull. Bur. Angew. Bot. St. Pétersb. 2: 78. 1908.

[cultivated]

Hordeum vulgare var. *rikotense* subv. *stassewitschi*
R. Regel, Bull. Bur. Angew. Bot. St. Pétersb. 2: 79. 1908.

[cultivated]

Hordeum vulgare [Gruppe 4. *Hordeum distichum*] var. *Rimpau* (Wittm.) Koern. Die Hauptsach. Form. Saatgerste 7, 11. 1895.

"Gleich var. 59, [*H. vulgare* (Gruppe 4. *Hordeum distichum*) var. *angustispicatum* Koern.] aber schwarz R. 1."

"Die mit R. 1 bezeichneten stammen aus Kreuzungen des *Hordeum vulgare* L., var. *trifurcatum* Schl. 8 und *H. distichum* L., var. *Steudelii* Koke. 2 ;"

Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subspecies.

Hordeum vulgare var. *rufescens velutinum* Link, Handb. Gewächse 1:9. 1829.

Cult. Europe

Hordeum vulgare [Gruppe 1. hexastichum] var. *Schimperianum* Koern. Zeitschr. Brauw. 5: 125, 166. 1882.

In Abessinien gebaut und von W. Schimper gesammelt im Berliner Herbarium.

Hordeum vulgare [IV. Gruppe *distichum*] var. *Seringei*
Koern. Zeitschr. Gesamte Brauw. 5: 127, 206. 1882.

Cites: Sér. Cér. eur. 195(38*) tab. 10 (6 bis), fig. 2, 7-10."

"In Abessinien kultiviert."

"a brown form of *H. deficiens steudelii*" fide Harlan

Hordeum vulgare var. *sikangense* Åberg, Symbol. Bot. Upsal. 4 (no. 2): 41, 55, 149. pl. 10. 1940.

Type 15.... "Plants from samples collected in Dorje Drag (13060) and Maoni (13062, 13063, 13078)." (p. 41)

Dorje Drag, situated to the south of Tachienlu, is a big monastery to which barley-seed from the surrounding regions is taken for sale, and it is thus quite natural that a larger number of types should be found here.

Dr. Harry Smith, Collector, Eastern Tibet, 1934-35. Southeastern Asia

Hordeum vulgare [Gruppe 4. *distichum*] var. *spontanum* (Koch) Koern. Zeitschr. Gesamte Brauw. 5: 127, 207. 1882.

same comb. made by Thell. Mém. Soc. Sci. Nat. Math. Cherbourg 38: 160. 1912. % verify under Gruppe *distichum*

Based on *Hordeum spontaneum* Koch.

Hordeum vulgare ssp. *spontanum* var. *ischmatherum* (Coss.) Thell. Mém. Soc. Sci. Nat. Cherbourg 38: 161 (1912); Rep. Sp. Nov. Fedde 11: 71. (1912)

Based on "*H. ithaburgense* var. *ischmatherum* Coss."

Hordeum vulgare [Gruppe 4. *distichum*] var. *Steudelii*
Koern. Zeitschr. Gesamte Brauw. 5: 127, 206. pl. 14 f. 30. 1882.

Cites A. Br. delect. sem. h. Friburg. (1848) p. 2. pr. p."

"In Abessinien angebaut und von W. Schimper gesammelt; jetzt in unseren botanischen Gärten."

Africa

Hordeum vulgare [Gruppe 4. *Hordeum distichum*] var. *subdecussatum* Koern. Die Hauptsach. Form. Saatgerste 8. 1895.

"Die mit R. 1 bezeichneten stammen aus Kreuzungen des *Hordeum vulgare* L., var. *trifurcatum* Schl. 8 und *H. distichum* L., var. *Steudelii* Koern. 2 ;"

Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subspecies.

Hordeum vulgare [Gruppe 4. *Hordeum distichum*] var. *subinermis* Koern. Die Hauptsach. Form. Saatgerste 8. 1895.

"Die mit R. 1 bezeichneten stammen aus Kreuzungen des *Hordeum vulgare* L., var. *trifurcatum* Schl. 8 und *H. distichum* L., var. *Steudelii* Koke. 2 ;"

Hordeum vulgare [Gruppe 2. *Hordeum tetrastichum*] var. *subviolaceum* Koern. Die Hauptsach. Form. Saatgerste 4, 9. 1895.

Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before these Gruppe names acc. to A.S.H. this could not be considered a subspecies.

"Spontane Kreuzung bei W. Rimpau von var. *violaceum* Koke. mit einer Var. des *H. distichum* L., aus welcher auch var. 38 *hyphantinum* Koke. und var. 47. *ianthinum* Koke. hervorgingen."

Hordeum vulgare ssp. *tetrastichum* (Stokes) Cel. in Soc. Acta Bot. Acad. Sci. Hungaricae 1: 230. 1954. [see Celak. 1867.

Ungarn

Hordeum vulgare var. *tetrastichum* Celak. Prodr. Fl. Böhm. 57. 1867.

"*H. vulgare* L." cited.

Hordeum vulgare tortile Sér. Cér. Eur. 349. pl. 3. 1841.

[See *Hordeum vulgare* Gruppe 2. *tetrastichum* var. *tortile* Robert ex Koern.]

"*Hordeum tortile* Robert" ser. 1.0. card in cat. pub. as syn. fide A. C. Said by Koern. to be pub. in 1832.

"a 6-rowed barley with malformed awns approaching hoods" acc. to Harlan

Hordeum vulgare [Gruppe 2. *tetrastichum*] var. *tortile*
Robert ex Koern. Zeitschr. Gesamte Brauw. 5: 126, 178. 1882.

"Robert als Art 1832."

"Nur aus botanischen Gärten Frankreichs bekannt, in denen sie, wie es scheint, nicht mehr kultiviert wird. Seringe erhielt sie von den Gebrüdern Audibert in Tarascon (Provence), welche sie schon 1820 besaßen, und von Robert, Direktor des botanischen Gärten in Toulon, welcher sie 1. J. 1832 benannte."

Hordeum vulgare [Gruppe 3. *intermedium*] var. *transiens*
Koern. Zeitschr. Gesamte Brauw. 5: 126, 185. pl. 9. f. 16. 1882.

Cult.

Hordeum vulgare [Gruppe 4. *Hordeum distichum*] var. *tricroes* Koern. Die Hauptsach. Form. Saatgerste 7, 11. 1895.

"Gleich var. 59 [*H. vulgare* (Gruppe 4. *Hordeum distichum*) var. *angustispicatum*] aber die Seitenährchen verkümmert. R. 1."

"Die mit R. 1 bezeichneten stammen aus Kreuzungen des *Hordeum vulgare* L., var. *trifurcatum* Schl. 8 und *H. distichum* L., var. *Steudelii* Koke. 2 ;"

The var. is given under Gruppe 4. *Hordeum distichum* but Koern. disregards these Gruppe names in his index to Handb. Getreideb. Since he repeats the genus before the Gruppe acc. to A.S.H. this could not be considered a subspecies.

Hordeum vulgare [Gruppe 4. *Hordeum distichum*] var. *tridax* Koern. Die Hauptsach. Form. Saatgerste 7, 11. 1895.

"Gleich var. 62 [*H. vulgare* (Gruppe 4. *Hordeum distichum*) var. *tricroes*], aber schwarz. R. 1."

"Die mit R. 1 bezeichneten stammen aus Kreuzungen des *Hordeum vulgare* L., var. *trifurcatum* Schl. 8 und *H. distichum* L., var. *Steudelii* Koke. 2 ;"

Hordeum vulgare *trifurcatum* (Jess.) [Schlecht.] Alefeld Landw. Fl. 341. 1866. described.

"*Hordeum trifurcatum* Jess." cited.

in Jessen. Deutschl. Gräser 200. 1863 in footnote is "*H. coeleste* var. *trifurcatum* Seringe."

same Schlecht. Linnaea 11: 543. 1837.

Hordeum vulgare [Gruppe 2. *tetrastichum*] var. *trifurcatum* (Schlecht.) Koern. Zeitschr. Gesamte Brauw. 5: 126, 183. pl. 9. f. 15. 1882.

Based on *H. coeleste* *trifurcatum* Schlecht.

Cult. Gart. zu Halle aus Montpellier [Southern France]

Hordeum vulgare var. *trifurcatum* subv. *typica* Harlan, U. S. Dept. Agr. Bull. 622: 17. 1918.

Hordeum vulgare var. *versifurcatum* K. H. ex Beaven, Jour. Fed. Inst. Brewing 8: 578. 1902.

"K. H.", Karl Hansen of Lyngby near Copenhagen, who Beaven says in his introduction sent "a large number of the specimens of the rarer varieties of barley." On p. 580 Beaven says "Those with the affix K. H. are, I believe, results of crosses by Mr. Hansen, but I have no information of their parentage."

Hordeum vulgare subv. *vinosum* rarum Menabie, Trudy Tbiliss. Botanichesk. Inst. (Trav. Inst. Bot. Tbilissi) (Tiflis) 6: 213. f. 4. 1938.

[article in Russian with English summary]
Georgia. Transcaucasia. Asia

Hordeum vulgare var. *violaceum* Koern. Syst. Uebers Cereal 4. 1873, nom. seminud.

Hordeum vulgare [Gruppe 2. *tetrastichum*] var. *violaceum*
Koern. Zeitschr. Gesamte Brauw. 5: 126, 183. pl. 9. f. 14. 1882.

See also *H. vulgare* var. *violaceum* Koern.

Cites: "*H. oerulescens* Hauss. Fl. aliment. 3. p. 461 nec Ser."

"In botanischen Gärten"; der Ursprung mir nicht bekannt. Im J. 1873 brachte ich sie ausserdem von der Wiener Ausstellung aus der Schwedischen Abteilung unter der Namen "Schwarze Gerste: Ein edles Ostergotland" mit. Sie scheint demnach dort in landwirtschaftlicher Kultur zu sein."

"[Gart. Preuss. Acad. Poppelendorf bei Bonn. Prussia]

Hordeum vulgare ssp. *vulgare* (Hack.) Maire, Fl. Afrique Nord 3: 387. 1955.

Based on *H. sativum* [var.] *vulgare* Hack.

Hordeum vulgare ssp. *vulgare* var. *coeleste* (L.) Maire, Fl. Afrique Nord 3: 388. 1955.

Based on *H. vulgare* var. *coeleste* L.

"Hort. ups. 23"

Hordeum vulgare ssp. *vulgare* var. *genuinum* Asch. Fl. Brandenb 1: 872. 1864.

Hordeum vulgare var. *vulgatum* Link, Handb. Gewächse.
1: 7. 1829.

Europe

Hordeum vulgare [Gruppe II tetrastichum] var. *Walpersii*
Koern. Zeitschr. Gesamte Brauw. 5: 126, 182. pl. 8.
f. 13. 1882.

Cites: *Hordeum vulgare* var. *Walpersii* Koern. Syst.
Vebers Cereal. 5. 1873, nom. nud.

"In neuester Zeit wurde sie mir aus Portugal (Ponte
de Sôr) von Prof. Henriques in Coimbra und aus
Katalonien von Don A. Costa in Barcelona zugesandt!!

Spain; Portugal

"Synonym for *H. vulgare coeleste*" acc. to Harlan

Hordeum vulgare [Gruppe IV. distichum] var. *Zecorithum*
(L.) Koern. Zeitschr. Gesamte Brauw. 5: 127, 198.
pl. 12. f. 23. 1882.

Based on *H. zecoriton* L.

Hordeum vulgare zecoriton (L.) Alefeld. Landw. Fl.
342. 1866.

Based on *H. zecoriton* L.

Hordeum Walpersi Regel, Bull. Appl. Bot. 8: 1501.
1506. 1915, without descr.

"orges hexastiques" = 6-rowed
Bur. Bot. Appl. Russia. Exp. Sta. mi-précoces -
rather early.

Hordeum Wernerii Regel, Bull. Appl. Bot. 8: 1501,
1506. 1915.

Spoken of as a race

Exp. Sta. Bur. Bot. Appl. Russia.
2-rowed barley-no descr.
"distiques"

"Sont les races mi-précoces" or rather early

Hordeum winkleri Hack. Oesterr. Bot. Zeitschr. 27: 49.
1877.

"In locis inultis ad vias prope Villa-franca del
Vierze in prov. Legionensi, atque prope pagum
Guadarrama."

[Itinere hispanico-lusitanico 1876]

Hordeum wolgensae Regel, Bull. Appl. Bot. 8: 1506. 1915.

Grouped under: "les races mi-précoces parmi les
orges distiques" or 2-rowed-barley-rather early.

Bur. Bot. Appl. Russia - Exp. Sta.

Hordeum zecoriton L. Sp. Pl. 85. 1753. = *H. vulgare* L.

"Habitat-----"

Hordeum zecoriton var. *erectum nudum* K.H. ex Beaven,
Jour. Fed. Inst. Brewing 8: 578. 1902. [r-error]

"K.H.", Karl Hansen of Lyngby, near Copenhagen, who
Beaven says in his introd. sent "a large number of
the specimens of the rarer varieties of barley."
On p. 580 Beaven says, "Those with the affix K.H.
are, I believe, results of crosses by Mr. Hansen,
but I have no information of their parentage."

= "*H. distichon nudum neogener*" fide Harlan

Hordeum zecoriton var. *erectum zecoriton* K. H. ex Beaven
Jour. Fed. Inst. Brewing 8: 578. 1902.

"K.H.", Karl Hansen of Lyngby, near Copenhagen, who
Beaven says in his introd. sent "a large number of
the specimens of the rarer varieties of barley."
On p. 580 Beaven says, "Those with the affix K.H.
are, I believe, results of crosses by Mr. Hansen,
but I have no information of their parentage."

Hordeum zecoriton var. *furcatus zecoriton* K.H. ex
Beaven, Jour. Fed. Inst. Brewing 8: 578. 1902.

"K. H.", Karl Hansen of Lyngby, near Copenhagen who
Beaven says in his introd. sent "a large number of
the specimens of the rarer varieties of barley."
On p. 580 Beaven says, "Those with the affix K. H.
are, I believe, results of crosses by Mr. Hansen,
but I have no information of their parentage."

Hordeum zecoriton var. *macrololysis* K.H. ex Beaven, Jour.
Fed. Inst. Brewing 8: 578. 1902.

"K.H.", Karl Hansen of Lyngby, near Copenhagen, who
Beaven says in his introd. sent "a large number of
the specimens of the rarer varieties of barley."
On p. 580 Beaven says, "Those with the affix K.H.
are, I believe, results of crosses by Mr. Hansen,
but I have no information of their parentage."

Hordeum zecoriton var. *melanozecoriton* K. H. ex Beaven,
Jour. Fed. Inst. Brewing 8: 578. 1902.

"K. H.", Karl Hansen of Lyngby, near Copenhagen, who
Beaven says in his introd. sent "a large number of
the specimens of the rarer varieties of barley."
On p. 580 Beaven says, "Those with the affix K. H.
are, I believe, results of crosses by Mr. Hansen,
but I have no information of their parentage."

Hordeum zecoriton var. *mixtum* K. H. ex Beaven, Jour.
Fed. Inst. Brewing 8: 578. 1902.

"K. H.", Karl Hansen of Lyngby, near Copenhagen who
Beaven says in his introd. sent "a large number of
the specimens of the rarer varieties of barley."
On page 580 Beaven says, "Those with the affix K. H.
are, I believe, results of crosses by Mr. Hansen,
but I have no information of their parentage."

Hordeum zecoriton var. *Neilsenii* K. H. ex Beaven, Jour.
Fed. Inst. Brewing 8: 578. 1902.

"K. H.", Karl Hansen of Lyngby, near Copenhagen, who
Beaven says in his introd. sent "a large number of
the specimens of the rarer varieties of barley."
On p. 580 Beaven says, "Those with the affix K. H.
are, I believe, results of crosses by Mr. Hansen,
but I have no information of their parentage."

Houzeambambus borzii (Mattei) Mattei, Boll. Soc. Ort.
Mut. Soccor. Palermo 8 (fasc. 6) 84. icon. 1910. Dec.

E. G. Camus, Bambusées 144. 1913, cites *H. borzii*
Mattei as syn. of *Oxytenanthera borzii* Mattei, adds--
caractérisé par les épillets densément réunis en un
seul capitule terminal; par une fleur unique et
le style terminé par un seul stigmate--qu'il
pourrait être considéré comme un bon sous-genre."

Based on *Oxytenanthera borzii* Mattei.

Hubbardia Bor, Kew. Bull. Misc. Inf. 1950: 385, figs.
1-9 and pl. 4. 1950.

Ind. Or.: Bombay, N. Kanara, Jog, Gersoppa Falls,
130 M. Oct. 1919, L. F. Sedgwick 7089--- Typus
in Herb. Kew; Oct. 1919.

Humbertochloa bambusculosa Camus & Stapf, Bull. Soc.
Bot. France 81: 470. f. 1-8. 1934.

"Madagascar occidentale... ravins de la baie de Bembetoke
(Parrier de la Bâthie, no. 11057); Tsingy du Bam-
araha... (Leandri no. 966)... sur le Pihersena (Per-
rier de la Bâthie, no. 12817); Madagascar mérid. ...
à l'est de Tsiavory, près d'Anadabolava, bassin du
Mandrare... (H. Humbert no. 12200)."

Humbertochloa greenwayi Hubbard in Hook.f. Icon. Pl.
34(pl. 3387): 2. 1939.

Tanganyika Territory. Pugu Hills: Kiserawe, c. 300
m., growing with *Olyra latifolia* in dense shade of
secondary evergreen forest, pale red sandy soil,
1 Aug. 1937, Greenaway 4991.

Africa

Hydrochloa airoides Hartm. Gen. Gram. Skand. 8. 1819,
without description.

Based on *Aira aquatica* L.

= *Catabrosa aquatica* Man. U. S.

Hydrochloa aquatica (L.) Hartm. Gen. Gram. Skand. 8.
1819, without description.

Based on *Poa aquatica* L.

This is basis of *Glyceria aquatica* Wahl. 1824, not
Presl 1819.

= *Glyceria maxima* (Hartm.) Holmberg

Hydrochloa arundinacea Sweet, Hort. Brit. 3. 453.
1826.

Based on "*Poa arundinacea* Marsh-Bieb.

ad fluvium Malk.:

Terek Russia European

Hydrochloa caerulea (L.) Hartm. Gen. Gram. Skand. 8.
1819, without description.

Presumably based on *Melica caerulea* L.
which = *Molinia caerulea* (L.) Moench.

Hydrochloa capillaris (Liljeb.) Hartm. Gen. Gram.
Scand. 8. 1819.

Based on "*Festuca capillaris* Lilj."

Scandinavia

Hydrochloa carolinensis Beauv. Ess. Agron. 135, 165,
182. pl. 3. f. 18; pl. 24, f. 4. 1812.

No specific description except explanation of
figures.
The name for pl. 3. f. 18 is given as *H. carolinensis*

Man. U. S.

Hydrochloa distans (L.) Hartm. Gen. Gram. Skand. 8.
1819, without description.

Presumably based on *Poa distans* L.

= *Fuccinellia distans* (L.) Parl. Man. U. S.

Hydrochloa fluitans (L.) Hartm. Gen. Gram. Skand. 8.
1819, without description.

Presumably based on *Festuca fluitans* L.
"*Poa* L." is given as synonym under *Hydrochloa*.
[*Poa fluitans* Brot. is based on *Festuca fluitans*
L.]

= *Glyceria fluitans* (L.) R. Br. Man. U. S.

Hydrochloa fluitans (Michx.) Torr. Comp. Fl. North.
Mid. States 354, 403. 1826. Not Hartm. 1819.

Based on *Zizania fluitans* Michx.

"Lakes" U. S.

Man. U. S.

Hydrochloa fluitans Host. Fl. Aust. 1: 141. 1827.
= Hartm. 1819 !

Based on *Festuca fluitans* L.

= *Glyceria fluitans* (L.) R. Br.

Man. U. S.

Hydrochloa fluitans (Michx.) Nash, Bull. Torrey Club.
23: 98. 1896.

Based on *Zizania fluitans* Mx. 1803.
(*H. fluitans* Torr. 1826 = this.

Not *Hydrochloa fluitans* Host 1801.
nor Hartm. 1819.

= *Hydrochloa carolinensis* Beauv.

Hydrochloa maritima Hartm. Gen. Gram. Skand. 8.
1819, nom. nud.

Hydropoa aquatica (L.) Fourr. Ann. Soc. Linn. Lyon.
n. ser. 17: 184. 1869.

Based on *Poa aquatica* L. --this basis of *Glyceria aquatica* (L.) Wahl. not Presl 1819.

= *Glyceria maxima* (Hartm.) Holmb.

Hydropyrum esculentum Link, Hort. Beral. 1: 252. 1829.

"Hab. in Americae septentrionalis paludosis."

= *Zizania aquatica* L.
Man. U. S.

Hydropyrum ? fluitans (Michx.) Kunth, Rev. Gram.
1: 7. 1829. sub. *Zizania* Mx. 1803.

Based on *Zizania fluitans* Michx.

= *Hydrochlea carolinensis* Beauv.

Hydropyrum latifolium (Turez.) Griseb. in Ledeb. Fl.
Ross. 4: 466. 1853.

Based on "*Zizania latifolia* Turez. Cat. Baikal.
no. 1337.

Hab. in Davuria in lacu ad confluentiam fl. Schilka
et Argum; (Turez.).

"*Limnophlea caduciflora* Turez. ap. Trin."

= *Zizania latifolia* L.

Asiatic Russia

Hydrothauma manicatum C. E. Hubb., in Hook. Icon. Fl.
5 (111): pl. 3458. 1947.

"Northern Rhodesia. Mwinilunga District: between R.
Kamakoude and R. Kamulende, about 4 miles S.W. of
Matonchi Farm, in 6 in. of water, flooding exposed
"laterite," Feb. 17, 1938, Milne-Redhead 4625."

Hygroryza aristata (Retz.) Nees ex Wight & Arn. Edinb.
New Phil. Journ. 15: 380. 1833.

Based on *Pharus aristatus* Retz
India

Hygroryza ciliata (Nees) Steud. Nom. Bot. ed. 2. 1: 783
1840, as syn. *Zizania ciliata*.

this based on *Pharus ciliata* Retz.

Hassk. Cat. Fl. Hort. Bot. Bogov. 15. 1844. lists
"*Hygroryza ciliata* Nees (*Pharus* Retz)"

Hylebates cordatus Chippindall, Journ. So. Afr. Bot.
11: 128. illus. 1945.

"Hab. Portuguese East Africa. Quelimane district:
from Mocuba to Milange, ...18th March, 1943, A. R.
da Torre 4945."

Hymenachne amplexicaulis (Rudge) Nees, Agrost. Bras.
276. 1829.

Based on *Panicum amplexicaule* Rudge.
Brazil

Hymenachne assamica (Hook.f.) Hitchc. Lingnan Sci.
Journ. 7: 222. 1931.

Based on *Panicum assamicum* Hook.f.
Assam, Asia

Hymenachne auriculata (Willd.) Chase, Proc. Biol. Soc.
Washington 21: 5. Jan. 1908.

Based on *Panicum auriculatum* Willd.
"Amer. austr."

Hymenachne aurita (Presl) Balansa, Cat. Indo-China
Francaise, Journ. de Bot. 4: 30. 1890.

No basis cited, presumably *Panicum auritum* Presl ex
Nees 1829. [Presl, Bot. Haenk. 1: 305. 1830.]

Luzon insula (Haenke) (V.s.) [i.e. Nees saw a
specimen]

Hymenachne aurita (Presl) Backer in Heyne, Mutt. Fl.
Ned.-Ind. ed. 2. 1: 238. 1927.

"H. aurita Presl, Saigon" Balansa Cat. Indo-China
Francaise, Journ. de Bot. 4: 30. 1890. no basis
given, presumably *Panicum auritum* Presl ex Nees 1829.

Based on *Panicum auritum* Presl.

= " " " "
Indo China
[Not *Hymenachne* A.C.]

Hymenachne bolviniana Steud. Syn. Fl. Glum. 1: 419.
1854.

"Bolvin legit in Ins. Nassibe"

Hymenachne campestris Nees, Agrost. Bras. 273, 274.
1829.

"Habitat in campis prope urbem S. Pauli et Cutia
locis udiusculis provinciae S. Pauli."

Basis of *Panicum camporum* Kunth [but is *Sacciolepis*]

Doell (Fl. Bras. 2: 234 pl. 32) cites this as var. sub
P. vilfoides. The plate represents a *Sacciolepis*.

Hymenachne condensata (Bertol.) Chase, Journ. Washington
Acad. Sci. 13: 177. 1923.

Based on *Panicum condensatum* Bertol.
Rio Janeiro, Brazil

Hymenachne cordata (Doell) Kuhl. Comm. Linhas Telegraph
Estrat. Matto Grosso 67: 90. 1922.

Based on *Panicum cordatum* Doell
Rio Janeiro, Brazil

= *Hymenachne donacifolia*

Hymenachne donacifolia (Raddi) Chase, Journ. Washington
Acad. Sci. 13: 177. 1923.

Based on
Panicum donacifolium Raddi
Brazil

Hymenachne fluviatilis Nees, Agrost. Bras. 273. 1829.
typonym of *Panicum vilfoides* Trin. Gram. Pan. 171.
1826.

"*Panicum vilfoides* Trin. in litt. ex Herb. ol. Fisch-
eri"

"in Guyana."
Sellow in types-but are these Trinius'
Riedel specimens.

= *Sacciolepis vilfoides*

Hymenachne frondescens (Meyer) Fourn. ex Hemsl. Biol.
Centr. Am. Bot. 3: 496. 1881; Mex. Fl. 2: 36. 1886

Based on *Panicum frondescens* Meyer
= " " " "

Hymenachne gouvini Fourn. ex Hemsl. Biol. Centr. Am.
Bot. 3: 496. 1881; Mex. Fl. 2: 36. 1886.

"Vera Cruz Novembre (Gouin n. 16)"

Mexico
= H. amplexicaulis T

Hymenachne indica (L.) Buse in Miquel, Fl. Jungh. 377.
1854.

Based on *Panicum indicum* L.
= *Sacciolepis indica* (L.) Chase

Hymenachne interrupta (Willd.) Buse in Miquel, Fl. Jungh.
377. 1854.

Based on *Panicum interruptum* Willd. Rumm.
of Steud. 1854.

= *Sacciolepis interrupta* (Willd.) Stapf.

Hymenachne interrupta Steud. Syn. Fl. Glum. 1: 101.
1854. of Buse 1854.

"Herb. Zollinger nr. 3590---In paludibus Javae."

Hymenachne leptostachya (Presl) Fourn. ex Hemsl. Biol.
Centr. Am. Bot. 3: 490. 1881; Mex. Fl. 2: 36. 1886.

Based on *Panicum leptostachyum* Presl

= *Panicum pulchellum* Raddi T
Mexico

Hymenachne montana Griseb. in Ogett. Abh. 24: 307. 1879

"Hieronymus"

"C" = Prov. Cordoba und Santiago del Estero. 1.c.4
S. Achala. Argentina

= *Hymenachne* ? 2nd gl. scarcely longer than first;
setae below lower spikelets see Types

Hymenachne myosuroides (H. Br.) Balansa in Journ. de
Bot. 4: 143. 1890.

Given as "*H. myosuroides* H. Br."--presumably based
on *Panicum myosuroides* H. Br.

= *Sacciolepis myosuroides* (H. Br.) Chase ex E. G. &
A. Camus.

New Holland

Hymenachne myosurus (Rich.) Nees, Agrost. Bras. 276.
1829.

Based on *Panicum myosurus* Rich. Act. Hist. natur.
Paris 1: 106. 1792.

= *Sacciolepis* ined.

"Cayenne"---"a Domine Le Blond"
French Guiana

Hymenachne myures (Lam.) Beauv. Agrost. 49, 165. 1812.
based on *Agrostis* [error for *Panicum*] *myures* Lam.

Based on *Panicum myurus* Lam.

= *Sacciolepis myures* (Lam.) Chase
Cayenne

Hymenachne myurus Beauv. Steud. Syn. Fl. Glum. 1: 101.
1854.

Citations are to *Panicum myurus* Mey.; *Agrostis*
memostachya and *Sporobolus villosus*.

Hochst. hrbr. Hosta. nr. 141. now Kunth.

Hymenachne palustris (Trin.) Chase, Proc. Biol. Soc.
Wash. 21: 5. Jan. 23. 1908.

Based on *Panicum palustre* Trin.
Brazil

Hymenachne patula Fourn. ex Hemsl. Biol. Centr. Am.
Bot. 3: 492. 1881; Mex. Fl. 2: 37. 1886.

"Bejuco in insula Cuba (Liebm. 402)"

photo of type in herb. Paris in Nat. Herb. A.S.H.
if 190.

= *Hymenachne donacifolia* (Raddi) Chase

Hymenachne phalaroides (Roem. & Schult.) Nees, Agrost.
Bras. 276. 1829.

Based on *Panicum phalaroides* Roem. & Schult.

"Forte et hujus loci P. interruptum Thunb.
Sacciolepis?"

Hymenachne phleiformis Fourn. ex Hemsl. Biol. Centr.
Am. Bot. 3: 494. 1881; Max. Pl. 2: 36. 1886.

Based on *Panicum phleiforme* Presl.
= *Sacciolepis* Mexico

Type in Nat. Herb. Frag. spikelets and photo in
U. S. Nat. Herb.

Hymenachne polymorpha Balansa, Journ. de Bot. 4: 143.
1890.

No locality nor specimens cited for species, only
for varieties, q.v.

= *Sacciolepis polymorpha* (Bal.) Chase ex E.G. & A.
Camus.

Indo China

See card for *S. polymorpha* Chase ex E.G. & A. Camus

Hymenachne polymorpha var. *genuina* Balansa, Journ. de
Bot. 4: 143. 1890.

= *H. polymorpha* Bal.

Ouombi, Hanoi, Tu-Fnap (Bal. 455, 456, 457, 1597, 1671)

Indo China

Sacciolepis polymorpha (Bal.) Chase ex E. G. & A.
Camus.

Hymenachne polymorpha var. *grandis* Balansa, Journ. de
Bot. 4: 144. 1890.

Indo China

Basis of *Sacciolepis polymorpha* var. *grandis* (Bal.)
E. G. & A. Camus

Hymenachne polymorpha var. *micrantha* Balansa, Journ.
de Bot. 4: 143. 1890.

"Tu-Fnap (Bal. 1629)"

Indo-China

Basis of *Sacciolepis polymorpha* var. *micrantha* (Bal.)
E. G. & A. Camus

Hymenachne pseudo-interrupta C. Muell. in Bot. Zeit.
19: 333. 1861.

India orientalis, Bengalia et Malacca, Griffith.

Hymenachne serrulata Nees, Journ. Bot. Hook. 2: 98.
1850, without description.

List with title: "Gramineae Herbarii Lindleyani"
"Guming 2287."

Hymenachne striata Criseb. Fl. Brit. W. Ind. 554. 1864.

Based on *Panicum striatum* Lam.

= *Sacciolepis striata* Man. U.S.

Hymenachne wembaliense Vanderyst, Bull. Agr. Congo Belge
10: 249. 1919.

"région du Bas-Kasai: Wombali... (no. 4523), ...
(no. 3492) (V.D.B.); Wombali, sur le Kwango (Van
Tilborg)."

Africa

[Vanderyst, Coll.]

Hymenothecium quinquesetum Lag. Gen. et Sp. Nev. 4.
1816.

"Habitat in Mex. Imperio, ubi legit b. Ludovicus
Nes. (V.S.)."

Basis of *Aegopogon quinquesetus* Roem. & Schult.

Hymenothecium tenellum (Cav.) Lag. Klench. Plant. 7.
1816; no description of genus or sp.; Gen. & Sp. Nev.
4. 1816.

Based on "*Cynesurus tenellus* Cav."

= *Aegopogon tenellus* (DC.) Trin. Man. U.S.

Hymenothecium tristetum Lag. Klench. Plant. 4. 1816;

Gen. & Sp. Nev. 4. 1816, reprint

= *Aegopogon*

"Habit. in Mexio. Imperio. (V.S.)."

Hymenothecium unisetum Lag. Klench. Plant. 4. 1816; Gen.
& Sp. Nev. 4. 1816, reprint.

"H. in Imp. Mexicano. (V.V.) Semina misit D. Sessé."

= *Aegopogon tenellus* Man. U. S.

Hyparrhenia absimilis Pilger, Notizbl. Bot. Gart.

Berlin 14: 102. 1938.

"Kilimandscharo: Bergwiesen, ca 2500 M ü. M., häufig
zwischen anderen Gräsern (April 1934—H. J. Schlieben
n. 5093)."

Africa

Hyparrhenia acutispathacea (De Wild.) Robyns, Fl.

Agrost. Congo Belge 181. 1929.

Based on *Cymbopogon acutispathaceus* De Wild.

Africa

Hyparrhenia altissima (Hochst.) Stapf, in Frain, Fl.

Trop. Afr. 9: 307. 1919.

Based on *Andropogon altissimus* Hochst.

Hyparrhenia amaena Jac.-Pél. Journ. Agric. Trop. & Bot.

Appl. 1: 46. pl. 6. 1954.

Sénégal: Kidira, no. 1896 B. P. Berhaut (type!),
4635 B. P. Berhaut.

Hyparrhenia andongensis (Bendle) Stapf, in Frain, Fl.

Trop. Afr. 9: 373. 1919.

Based on *Cymbopogon andongensis* Bendle.

Africa

Hyparrhenia anthistirioides (Hochst.) Anderss. in

Schweinf. Beitr. Fl. Aethiop. 300, 310 [err. for 306]

1867 (genus not published); in Stapf in Frain, Fl.

Trop. Afr. 9: 331. 1919.

Based on *Andropogon anthistirioides* Hochst.

Africa

Hyparrhenia archaelymandra Jac.-Pél. Journ. Agric. Trop.

& Bot. Appl. 1: 48. pl. 7. 1954.

Sénégal: Ouassadou, no. 1895 B. P. Berhaut (type!),
no. 3015 B. P. Berhaut.

Hyparrhenia arrhenobasis (Hochst.) Stapf in Frain, Fl.

Trop. Afr. 9: 348. 1919.

Based on *Andropogon arrhenobasis* Hochst.

Hyparrhenia aucta (Stapf) Stapf ex Stent, Bothalia

1: 249. 1924.

Based on "*Andropogon auctus* Stapf, in Dyer, Flor.
Cap., VII, 357."

Africa

Hyparrhenia baddadae (Chiov.) Chiov. Fl. Somalia 2: 440.

f. 243. 1932.

Based on *Andropogon baddadae* Chiov. cited as syn.
no publ. given.

"Oltregiuba: Baddada 10-VII (Dr. L. Senni 1929 n.306)"

Somalia

Hyparrhenia bagirmica (Stapf) Stapf, in Frain, Fl. Trop.

Afr. 9: 319. 1919.

Based on *Cymbopogon bagirmicus* Stapf

Africa

Hyparrhenia Barteri (Hack.) Stapf, in Frain, Fl. Trop.

Afr. 9: 321. 1919.

Based on "*Andropogon Barteri* Hack."

Hyparrhenia Barteri var. *calvescens* (Hack.) Stapf in

Frain, Fl. Trop. Afr. 9: 322. 1919.

Based on "*Andropogon filipendulus* var. *calvescens*
Hack."

Hyparrhenia Bequaerti (De Wild.) Robyns, Fl. Agrost.

Congo Belge 197. 1929.

Based on *Cymbopogon Bequaerti* De Wild.

Africa

Hyparrhenia bisulcata Chiev. Nuov. Giorn. Bot. Ital.

n. ser. 26: 60. 1919.

"Catanga, plateaux des Bienes.... (Bovone n. 88, 108,
110, 114)." [S.E. Congo State, Africa]

Hyparrhenia brachyochaete Peter, Repert. Sp. Nev. Fedde

Beih. 40: 379 & Anhang, 121. pl. 78. 1936.

"D O Afr. Winterhochland: Ngai-Fl. Steppe on
Ussare-Fl., Schluchtenwald 2600-2500° VII
V 2³ (P.43327)"

Africa

Hyparrhenia bracteata (Humb. & Bonpl.) Stapf in Frain,

Fl. Trop. Afr. 9: 360. 1919.

Based on "*Andropogon bracteatus* Humb. & Bonpl."

Venezuela

Hyparrhenia buehmanni (Stapf) Stapf, ex Stent, Bothalia

1: 249. 1924.

Based on "*Andropogon buehmanni* Stapf in Dyer, Flor.
Cap. VIII, 362."

Africa

Hyparrhenia chrysargyrea (Stapf) Stapf, in Frain, Fl.

Trop. Afr. 9: 312. 1919.

Based on "*Cymbopogon chrysargyreus* Stapf"

"Congo français: Oubangui Moyen, ---Chevalier 5366"

Africa

Hyparrhenia cirresula Stapf, in Frain, Fl. Trop. Afr.

9: 365. 1919.

"South Central, Belgian Congo: Katanga; Tschinsemia,
Rogers, 10399"

Africa

Hyparrhenia classesensis Robyns, Fl. Agrost. Congo Belge

180. 1929.

"Cette espèce n'a été récoltée jusqu'à présent que
dans le District des lacs Albert et Kieud (Ituri
oriental)."

["Classesensis 1400 (type)" given by Robyns, Bull. Jard.
Bot. Brux. 8: 237. 1930]

Africa

Hyparrhenia coleotricha (Steud.) Anderss. in Schweinf.

Beitr. Fl. Aethiop. 300, 310 [err. for 306] 1867.

[genus not published]

Based on *Andropogon coleotrichus* Steud.

= *H. comosa* fide Stapf

Hyparrhenia collina (Pilger) Stapf in Frain, Fl. Trop.

Afr. 9: 337. 1919.

Based on *Andropogon collinus* Pilger

Hyparrhenia cerosa Anderss. in Schweinf. Beitr. Fl. Aethiop. 300, 310 [err. for 306] 1867 (genus not published); in Stapf in Frain, Fl. Trop. Afr. 9: 358. 1919.

Based on *Andropogon cerosa* Hochst.

Hyparrhenia confinis (Hochst.) Anderss. in Schweinf. Beitr. Fl. Aethiop. 300, 310 (err. for 306) 1867; [genus not published]; in Stapf in Frain, Fl. Trop. Afr. 9: 353. 1919.

Based on *Andropogon confinis* Hochst.

Africa

Hyparrhenia confinis var. *pellita* (Hack.) Stapf, in Frain, Fl. Trop. Afr. 9: 354. 1919.

Based on "*Andropogon confinis* var. *pellitus* Hack."

Trop. Africa

Hyparrhenia contracta Robyns, Fl. Agrost. Congo Belge 189. 1929.

"uniquement connue du Haut-Katanga, où elle a été récoltée dans la région d'Elisabethville."

["Ferme de la Kafubu Quarre 273 (type)" given by Robyns, Bull. Jard. Bot. Brux. 8: 242. 1930]

Hyparrhenia cormucopiae (Hack.) Stapf, in Frain, Fl. Trop. Afr. 9: 378. 1919.

Based on "*Andropogon cormucopiae* Hack."

Africa

Hyparrhenia cymosea (Stapf) Stapf, in Frain, Fl. Trop. Afr. 9: 351. 1919.

Based on *Cymbopogon cymoseus* Stapf

Africa

Hyparrhenia cymbaria Anderss. Nov. Act. Upsal III 2: 244. 1856. (invalid) [genus not published] Not Stapf 1919.

"(Anthisteria Pseudo-Cymbaria Steud.--)" cited. [*Andropogon cymbarius* L. is cited on same page sub *Anthisteria cymbaria* Benth. so *H. cymbaria* is not based on that.]

Name invalid because genus is non. nud. of. Stapf 1919.

Hyparrhenia cymbaria (L.) Stapf, in Frain, Fl. Trop. Afr. 9: 332. 1919.

Andropogon cymbarius L.
India

Hyparrhenia dichroa (Steud.) Stapf, in Frain, Fl. Trop. Afr. 9: 302. 1919.

Based on *Andropogon dichroa* Steud.
So. Africa

Hyparrhenia diplandra (Hack.) Stapf, in Frain, Fl. Trop. Afr. 9: 368. 1919.

Based on *Andropogon diplandrus* Hack.

Hyparrhenia diplandra var. *glauca* Vanderyst, Bull. Soc. Roy. Bot. Belg. 55: 45. 1922, without description.

Africa

Hyparrhenia diplandra var. *major* Vander. Bull. Agr. Congo Belge 11: 145. 1920, non. nud.

Based on *Andropogon vulgaris* var. *major* non. nud.
Belgian Congo--Africa

Hyparrhenia dissoluta (Nees) C. E. Hubbardⁱⁿ, Hutch. & Dalziel, Fl. West Trop. Afr. 2: 591. 1936.

"Hubbard.....ined."

[Sp. published by Anderss. Nov. Act. Soc. Sci. Upsal. III. 2: 254. 1856, but genus not described until later so sp. had no standing]

Based on *Anthistiria dissoluta* Nees

Africa

Hyparrhenia djalonica Jac-Pél. Journ. Agric. Trop. & Bot. Appl. 1: 51. pl. 8. 1954.

Guinée française: Mamou, plateaux lateritiques, Jacques-Félix, no. 1907, type!; Kindia, Jacques-Félix, no. 254.

Hyparrhenia dregema (Nees) Stapf ex Stent, Bethalia 1: 249. 1924.

Based on "*Andropogon dregema* Nees ex Stapf in Dyer, Flar. Cap. VII, 359."

South Africa

Hyparrhenia eberhardtii (A. Camus) Hitchc. Lingnan Sci. Journ. 7: 247. 1931.

Based on *Cymbopogon eberhardtii* A. Camus

Annam

Hyparrhenia edulis C. E. Hubb., Hooker, Icones Plantarum 3495: 1-6. 1951.

Angle-Egyptian Sudan. Equatoria Province: Zande District; Mabu, Abu Satta Hills, north of Tambura, abundant in pure stands at foot of rock outcrops, 5-10-1940, J. G. Myers 13533 (type);

Africa

Hyparrhenia effusa (Balansa) Camus, Bull. Mus. Hist. Nat. (Paris) II. 3: 760. 1931.

Based on *Themeda effusa* Balansa

Tonkin

Hyparrhenia elongata Stapf, in Frain, Fl. Trop. Afr. 9: 343. 1919.

"Nile Land. Abyssinia: Tigre; Schimper. 466!1006!1052 (s. 1862, not s. 1838): Samen! Agrima 6000 ft., Schimper. 138! 897! Bellaka, 7000 ft., Schimper. 469! Arwassa, 6000-7000 ft., Schimper. 749!....Schimper 1011!"

[Africa]

Hyparrhenia exarata (Stapf) Stapf, in Frain, Fl. Trop. Afr. 9: 308. 1919.

Based on *Cymbopogon exaratus* Stapf in Cheval.

Africa

Hyparrhenia Eylesii C. E. Hubb. Kew Bull. Misc. Inf. 1928: 37. 1928.

"Tropical Africa. Rhodesia: Geresensi, open sand veld, 1560 m., April 1927, Eyles 4880."

Aff. H. grallata Stapf

Hyparrhenia familiaris (Steud.) Stapf, in Frain, Fl. Trop. Afr. 9: 325. 1919.

Based on *Andropogon familiaris* Steud.

Africa

Hyparrhenia familiaris var. *pilesa* Robyns, Fl. Agrost. Congo Belge 176. 1929.

"dans le Bas-Congo et le Kasai."

["Bas-Congo: Lemfu...Vanderyst 6090 (type)" given by Robyns, Bull. Jard. Bot. Brux. 8: 236. 1930]

Hyparrhenia fastigiata Robyns, Fl. Agrost. Congo Belge 164. 1929.

"Cette espèce, dont la souche nous est inconnue, a été récoltée dans le District des Grands Lacs, dans la brousse de Tshibinda à l'Est du lac Kivu, entre 1,600 et 2,500 m. d'altitude."

["Soaetta 7(type)" given by Robyns, Bull. Jard. Bot. Brux. 8: 232. 1930]

Hyparrhenia filipendula (Hochst.) Stapf, in Frain, Fl. Trop. Afr. 9: 322. 1919.

Based on "*Andropogon filipendulus* Hochst."

South Africa

Hyparrhenia filipendula var. *lachnathera* (Benth.) Jansen, Acta Bot. Neerl. 2: 382. 1933.

Based on *Andropogon lachnatherus* Benth., Fl. Austr. 7(1878) 534.

Malaysia Philippines, Celebes.

Hyparrhenia filipendula var. *pilesa* (Hack.) Stapf, in Frain, Fl. Trop. Afr. 9: 324. 1919.

Based on [*Andropogon*] *filipendula* var. *pilesus* Hack.

Africa

Hyparrhenia finitima (Hochst.) Stapf in Frain, Fl. Trop. Afr. 9: 299. 1919. [Anderss. in Schweinf. Beitr. Fl. Aethiop. 300, 310 [error for 306] 1867, but genus not validly published.

Based on *Andropogon finitimus* Hochst.

[In this case Stapf does not give Anderss. as author]

Africa

Hyparrhenia finitima var. *Levovilleensis* Vanderyst, Bull. Soc. Roy. Bot. Belg. 55: 43. 1922, presumably transfer from *Andropogon familiaris* var. *levovilleensis* Vanderyst.

Africa

Hyparrhenia foliosa Anderss. in Nov. Act. Soc. Sc. Upsal. III. 2: 254. 1856. [Journ. Mex. Fl. 2: 67. 1886] (genus not published)

Based on "*Anthistiria foliosa* H.B." [Rumb. & Boupl.]

= *Hyparrhenia braconata* Stapf in Frain, Fl. Afr. 9: 360. 1918.

Venezuela

Hyparrhenia formosa Stapf in Frain, Fl. Trop. Afr. 9: 340. 1919.

Based on "*Andropogon formosus* Hert. (partly?)"

Only specimen cited is "Abyssinia, Schimper 1009" discussion shows this is type.

Hyparrhenia fulvicoma Anderss. in Schweinf. Beitr. Fl. Aethrop. 300, 310 [err. for 306] 1867. (genus not published)

Based on *Andropogon fulvicoma* Hochst.

Referred to *H. rufa* by Stapf.

Africa

Hyparrhenia gazensis (Benth.) Stapf, in Frain, Fl. Trop. Afr. 9: 301. 1919.

Based on *Cymbopogon gazensis* Benth.

Africa

Hyparrhenia gemmisia Anderss. in Schweinf. Beitr. Fl. Aethiop. 300. 1867, without description. genus not pub. listed.

Trop. Africa

Hyparrhenia glabriuscula (Hochst.) Stapf in Frain, Fl. Trop. Afr. 9: 372. 1919.

[comb. made by Anders. in Schweinf. Beitr. Fl. Aethiop. 300, 310 [error for 306] 1867, but genus not published.]

Based on *Andropogon glabriusculus* Hochst.

Africa

Stapf does not give Anders. as author nor cite his combination.

Hyparrhenia glauca Stent, Bothalia 1: 251. 1924.

"Groenkloof Valley, Pretoria, Stent in Nat. Herb. H. 21425."

Africa

Hyparrhenia Gossweileri Stapf, in Frain, Fl. Trop. Afr. 9: 371. 1919.

"Lower Guinea. Angola: Benguela; in open thickets near Muncungue, Gossweiler, 3085!"

[Africa]

Hyparrhenia gracilescens Stapf in Frain, Fl. Trop. Afr. 9: 357. 1919.

"Upper Guinea. French Guinea: Fouta Jallon;.... Chevalier, 20196! Northern Nigeria: Lokeja, Dalsiel, 292." [Africa]

Africa

Hyparrhenia grillata Stapf in Frain, Fl. Trop. Afr. 9: 320. 1919.

"Lower Guinea. Angola: Benguela ...Gossweiler 1842!sources of the River Sobi Kuite River, Gossweiler, 4040!Ruene Equenza, Quiriri River, Gossweiler 2781!"

[Africa]

Hyparrhenia griffithii Ber, Indian For. Rec. n. ser. Bot. 1: 92. 1938.

Cited as synonym: *Andropogon Griffithii* Munro, without descr.

"Griffith, no. 6766, in the Khasi and Jaintia Hills in 1837 and the only sheet at Kew is labeled "towards Onswye." Griffith's "Onswye" is obviously Umwai, a small Syntong village on the northern foot hills of the Khasi and Jaintia Hills overlooking Nongong district in the Brahmaputra Valley."

Aff. H. finitima Hochst.

India

Hyparrhenia hirta (L.) Stapf in Frain, Fl. Trop. Afr. 9: 315. 1919.

Based on *Andropogon hirtus* L.

Europe - Asia Minor

Hyparrhenia hirta var. *brachypoda* Chiov. Atti Reale Accad. d'Italia Mem. Classe Sci. Fisic. Math. Nat. 11: 63. 1940.

"Abessinian meridionale: Galla Sidama, Ouder-Missiene Consolata, 12 Ottobre 1937 (mons. G. Piovano, n. 79)!"

Africa

Hyparrhenia hirta var. *garambensis* Troupin, Expl. Parc Nat. Garamba 4: 29. f. 3. 1956.

Belgian Congo. "Secteur Central.--Piste centrale vers km. 26, env. riv. Nampume, 21 février 1952, Troupin 175 (holotype, BR)."

Hyparrhenia hirta var. *glabriglumis* Opphr. in Taekholm, Fl. Egypt 1: 512. 1941.

"Spikelets---varying from scantily hairy to densely villous, rarely glabrous (v. *glabriglumis* Opphr. 1931)"

Egypt

Hyparrhenia hirta ssp. *hirta* (L.) Paunero, Anal. Bot. Cavan. Madrid 15: 430. 1957.

Based on *Andropogon hirtus* L.

Europe--Asia Minor

Hyparrhenia hirta var. *longearistata* (Willk.) Bethm. & P. Silva, Agron. Lusit. 1: 240. 1939.

[same, same basis, (Willk.) Mold. Arkiv. for Bot. 2: 288. 1952.]

Based on *Andropogon hirtus* var. *longearistatus* Willk. Spain

Hyparrhenia hirta ssp. *pubescens* (Vis.) Paunero, Anal. Bot. Cavan. Madrid 15: 430. pl. 16. 1957.

Based on *Andropogon pubescens* Vis.

[Dalmatia]

Hyparrhenia hirta var. *pubescens* (Vis.) Sims. Min. Agr. Egypt Bull. 93: 7. 1930.

Based on *Andropogon pubescens* Vis.

Dalmatia Eur.

Hyparrhenia hirta f. *pubescens* (Vis.) Maire et Weiller, Flore de l'Afrique du Nord 1: 291. 1952. same as Sims. Min. Agr. Egypt. Bull. 93: 7. 1930.

Based on *A. pubescens* Vis., Flora, 1, Erg. Bl. p. 3 (1829).

Hyparrhenia hirta ssp. *pubescens* f. *brachyphylla* Paunero, Anal. Bot. Cavan. Madrid 15: 430. pl. 17. 1957.

Spain

"---la ssp. *hirta* predomina en Baleares y Cataluña, extendiéndose hacia Levante---"

Hyparrhenia hirta f. *typica* (Asch. et Gr.) Maire et Weiller, Flore de l'Afrique du Nord 1: 290. 1952.

Based on *Andropogon hirtus* var. *geminus* Hack.

Hyparrhenia hirta ssp. *villosa* Pign. Arch. Bot. Biogr. Ital. 34: 3. 1958.

"raccolta a Resarne in Calabria (Typus)--Sicilia"

Hyparrhenia hirta var. *villosa* (Pign.) Paunero, Anal. Bot. Cavan. Madrid 15: 430. 1957.

Presumably based on mss. Arch. Bot. Biogeographie Ital. 34: 3. 1958.

Hyparrhenia involucreta Stapf, in Frain, Fl. Trop. Afr. 9: 376. 1919.

"Upper Guinea. Northern Nigeria: Mupe?, Barter, 957!"

[Africa]

Hyparrhenia iringensis Pilger, Notizbl. Bot. Gart. Berlin 14: 101. 1938.

"Bezirk Iringa: Lupembe, am Wasser (Mai 1931--H. J. Schlieben n. 828)."

Aff. H. Pilgeri C. E. Hubb.

Hyparrhenia Lecomtei (Franch.) Stapf in Frain, Fl. Trop. Afr. 9: 361. 1919.

Based on "*Andropogon Lecomtei* Franch."

Congo, Africa

Hyparrhenia Lecomtei var. *bisulcata* (Chiov.) Rebyns, Fl. Agrest. Congo Belge 192. 1929.

Based on *Hyparrhenia bisulcata* Chiov.

Africa

Hyparrhenia Lecomtei var. *villosus* Vanderyst, Bull. Soc. Roy. Bot. Belg. 55: 44. 1922, nom. nud.

Africa

Hyparrhenia Lintonii Stapf in Frain, Fl. Trop. Afr. 9: 350. 1919.

"Nile Land. British East Africa: Nairobi, Linton, 124!"

[Africa]

Hyparrhenia lithophila (Trin.) Pilger in Engl. & Prantl, Pflanzenfam. ed. 2. 14e: 174. 1940.

Presumably based on *Andropogon lithophilus* Trin.

Brazil.

(1167)

See 696 in *Andropogon* type *Andropogon* proper

Hyparrhenia luembensis (De Wild.) Rebyns, Fl. Agrost. Congo Belge 183. 1929.

Based on *Cymbopogon luembensis* De Wild.

Africa

Hyparrhenia maorarrhena (Hack.) Stapf in Frain, Fl. Trop. Afr. 9: 355. 1919.

Based on *Andropogon confinis* var. *maorarrhenus* Hack.

Africa

Hyparrhenia maorolepis (Hack.) Stapf in Frain, Fl. Trop. Afr. 9: 328. 1919.

Based on *Andropogon maorolepis* Hack.

Trop. Africa

Hyparrhenia mobukensis (Chiov.) Chiov. Mus. Giern. Bot. Ital. n. ser. 26: 74. 1919.

Based on *Andropogon mobukensis* Chiov.

Africa

Hyparrhenia modica (De Wild.) Rebyns, Fl. Agrost. Congo Belge 172. 1929.

Based on *Cymbopogon medicus* De Wild.

Africa

Hyparrhenia monsthera (A. Rich.) Anders. in Schweinf. Beitr. Fl. Aethiop. 300, 310 [err. for 306] 1867. [genus not published]

Based on *Andropogon monstherus* A. Rich.

["Imperfrotly known" sub *Hyparrhenia* in Stapf]

Hyparrhenia multiplex (Hochst) Anders. Nov. Act. Soc. Upsal. III. 2: 254. 1856; in Schweinf. Beitr. Fl. Aethiop. 306. 1867. (genus not published); Stapf in Frain, Fl. Trop. Afr. 9: 374. 1919.

Based on *Anthistiria multiplex* Hochst.

Abyssinia

Hyparrhenia multiplex var. *leisepoda* Stapf in Frain, Fl. Trop. Afr. 9: 375. 1919.

"Nile Land. Abyssinia: Tigre; Mount Arba Tensesa, 8000 ft., Schimper, 349!" [Africa]

Hyparrhenia Newtonii (Hack.) Stapf in Frain, Fl. Trop. Afr. 9: 363. 1919.

Based on "*Andropogon newtonii* Hack."

Africa

Hyparrhenia newtonii var. *maora* Stapf in Frain, Fl. Trop. Afr. 9: 364. 1919.

"Lower Guinea. Angola:....Gossweiler, 2456! 2460! ... Gossweiler, 2632!....Gossweiler 3125. ..."

[Africa]

Hyparrhenia notelasia Stapf in Prain, Fl. Trop. Afr.
9: 377. 1919.

"Upper Guinea. Northern Nigeria: Lokoja, Dalsiel 299. North Central. Oubangi territory: Mbouras; Tuburi Marsh, Maoleodi"

[Africa]

Hyparrhenia Nyassae (Bendle) Stapf in Prain, Fl. Trop.
Afr. 9: 313. 1919.

Based on *Andropogon nyassae* Bendle

Africa

Hyparrhenia pachystachya Stapf in Prain, Fl. Trop.
Afr. 9: 370. 1919.

"Mozambique Distr. Northern Rhodesia: Mumbwa, Mrs. Macaulay! Gazaland: Upper Bazi River, 3000-3500 ft., Symmerton, 993!"

[Africa]

Hyparrhenia papillipes (Hochst.) Anderss. in Schweinf.
Beitr. Fl. Aethiop. 300, 310 [error for 306] 1867.
(genus not published); in Stapf in Prain, Fl. Trop.
Afr. 9: 347. 1919.

Based on *Andropogon papillipes* Hochst.

Africa

Hyparrhenia parvispiculata Bamps, Bull. Jard. Bot. Brux.
25: 391. 1955.

(§ Rufae) "District de l'Ubangi-Uele: Bagbele (Ukwa), savane arbustive, août 1952, Troupin 2007 (holotype BR); Mt. Oenze, savane, sept. 1953, Gérard 1085.

Africa

Hyparrhenia pendula (Peter) Peter, Repert. Sp. Nov.
Fedde Beih. 40: 377. 1936.

Based on *Andropogon pendulus* A. Peter, n. spec. q.v.,
7, bis 1.3m hoch. not seen 1854.

Do Africa, Una: Birira Nisusi 1280-1380 ^{III v¹ 2²}
(p. 37879) Nisusi Mgom ^{II v² 2²}
(p. 37939)

Do Africa = Deutsch Ost. Afr.

Hyparrhenia petiolata Stapf in Prain, Fl. Trop. Afr.
9: 352. 1919.

"Nile Land. Abyssinia: Atsegu, 5000-6000 ft.,
Schimper, 748!"

[Africa]

Hyparrhenia phyllopeda Stapf in Prain, Fl. Trop. Afr.
9: 346. 1919.

"Nile Land. Abyssinia: Mukafile, Drake-Brockman,
151! 152!"

[Africa]

Hyparrhenia pilgeriana C. E. Hubb. Kew Bull. Misc.
Inf. 1928: 39. 1928.

[Stolz 960 type]

Based on *Cymbopogon Stolzii* Pilger....non *Hyparrhenia Stolzii* Stapf

Africa

Hyparrhenia Piovani Chiov. Atti Reale Accad. d'Italia
Memor. Classe Sci. Fisic. Mat. 11: 63. 1940.

(Filipendulae) "aff. H. familiari (Steud.) Stapf"

"Abessinien"

Hyparrhenia podotricha Anderss. in Schweinf. Beitr.
Fl. Aethiop. 300, 310 [error for 306] 1867.

[genus not published]

Based on *Andropogon podotricha* H[ochst]

= *Hyparrhenia hirtus* in Stapf.

Hyparrhenia poecilotricha (Hook.) Stapf in Prain, Fl.
Trop. Afr. 9: 309. 1919.

Based on *Andropogon poecilotrichus* Hook.

Africa

Hyparrhenia pseudo-cymbaria (Steud.) Stapf in Prain,
Fl. Trop. Afr. 9: 329. 1919. [In Ind. Kew listed
as Anderss. Nov. Act. Upsal. III 2: 254. 1856.]
Comb. not made; l.c. 244 is *H. cymbaria* Anders.
[q.v.] based on *Anthistertia pseudo-cymbaria* Steud.
Andropogon cymbarius L. Anderss. refers to
Anthistertia cymbaria (L.) Benth.

Basis of Stapf's comb.: *Anthistertia pseudo-cymbaria*
Steud.

Africa

Hyparrhenia pubescens (Visiani) Chiov. Fl. Nov.
Aethiop. 20. 1928, incidental mention.

Presumably based on *Andropogon pubescens* Visiani
Dalmatia, Europe.

Hyparrhenia (?) *pusilla* Stapf in Prain, Fl. Trop.
Afr. 9: 379. 1919.

Based on *Andropogon pusillus* Hook.f.

Africa

Hyparrhenia Quarrei Robyns, Fl. Agrost. Congo Belge
171. 1929.

"Espèce du Haut-Katanga, récoltée à la Kafubu dans
d'anciennes cultures."

["Quarrei 199 (type)" given by Robyns, Bull. Jard.
Bot. Brux. 8: 235. 1930]

Africa

Hyparrhenia quinqueplex Anderss. Nov. Act. Soc. Sc.
Upsal. III. 2: 254. 1856.

[Steud.]

Based on *Anthistertia quinqueplex* Hochst.

Referred to *H. pseudocymbaria* (Steud.) Stapf in
Prain.

Africa

Hyparrhenia reflexa Anderss. in Nov. Act. Soc. Sc.
Upsal. III. 2: 254. 1856. [genus not described]

Based on *Anthistertia reflexa* H.B.

Referred to *Hyparrhenia bracteata* in Stapf.

Venezuela

Hyparrhenia Rhodesica Stent & Rattray, Proc. Rhodesia
Sci. Ass. 32: 14. 1933.

"Untali: Eyles 3069"

[So. Rhodesia]

Africa

Hyparrhenia rudis Stapf in Prain, Fl. Trop. Afr.
9: 344. 1919.

"Lower Guinea. Angola: Benguela; ...Gossweiler,
3121! ...Gossweiler 3919! ...Gossweiler, 3129!
4151!"

[Africa]

Hyparrhenia rufa (Nees) Stapf in Prain, Fl. Trop.
Afr. 9: 304. 1919.

Based on *Trachypogon rufus* Nees

Brazil

(Bendle)
Hyparrhenia rufa var. *major* Stapf in Prain, Fl. Trop.
Afr. 9: 306. 1919.

"*Cymbopogon rufus* var. *major* Bendle"

Africa

Hyparrhenia ruprechtii (Hook.) Fourn. Mex. Fl. 67.
1886, nom. nud.; Fourn. ex Stapf in Prain, Fl. Trop.
Afr. 9: 326. 1919.

Based on *Andropogon ruprechtii* Hook.

= *H. dissoluta* (Nees) C. E. Hubb.

Zacapan, Mex. (Galeotti 5697)

Hyparrhenia scabrmarginata (De Wild.) Robyns, Fl.
Agrost. Congo Belge 184. 1929.

Based on *Cymbopogon scabrmarginatus* De Wild.

Africa

Hyparrhenia schimperii (Hochst.) Anderss. in Schweinf.
Beitr. Fl. Aethiop. 300, 310 [error for 306] 1867.
(genus not published); in Stapf in Prain, Fl. Trop.
Afr. 9: 341. 1919.

Based on *Andropogon schimperii* Hochst.

Africa

Hyparrhenia Schimperii var. *major* Vanderyst, Bull. Soc.
Roy. Bot. Belg. 55: 44. 1922, nom. nud.

Africa

Hyparrhenia schmidiana A. Camus, Journ. d'Agric. Trop.
& Bot. Appl. 11: 201. 1955.

Viet-Nam: Juga, Haut-Donnai----Schmid 2460.

Hyparrhenia smithiana (Hook.f.) Stapf in Prain, Fl.
Trop. Afr. 9: 314. 1919.

"*Andropogon smithianus* Hook.f."

Africa

Hyparrhenia snowdenii C. E. Hubb. Kew Bull. Misc.
Inf. 1928: 38. 1928.

"Tropical Africa. Uganda: Budama; Busia, 1200m.,
in savannah, July 1927, Snowden 1150."

Africa

Aff. H. hirta Stapf.

Hyparrhenia soluta (Stapf) Stapf in Prain, Fl. Trop.
Afr. 9: 318. 1919.

Cymbopogon solutus Stapf

Africa

Hyparrhenia soluta var. *violascens* Stapf in Prain,
Fl. Trop. Afr. 9: 319. 1919.

"Upper Guinea. Northern Nigeria: Katagum District
Dalziel, 263!"

[Africa]

Hyparrhenia spectabilis Stapf in Prain, Fl. Trop.
Afr. 9: 338. 1919.

"Lower Guinea. Angola: Cazengo....Welwitsch,
2947! Gelungo Alto....Welwitsch 2953! Sango;
Cacarambola, Welwitsch, 7219! Cambondo, Welwitsch,
7247!"

[Africa]

Hyparrhenia squarrosula Peter, Repert. Sp. Nov. Fedde
Beih. 40: 379 & Anhang, 118. pl. 76. 1936.

D.O.Afr. Urundi: Mukayogoro → Mugeni im breiten
Talgund 1500-1550. III, U³ (P 38429)

[place copied from Beih. 40: 145. 1930, under
A. Schimper]

Africa

Hyparrhenia Stolzii Stapf in Prain, Fl. Trop. Afr.
9: 364. 1919.

"Mozambique Distr. German East Africa: Kymbila;
Utengule, 4600 ft., Stolz, 2629!"

[Africa]

Hyparrhenia subaristata Peter, Repert. Sp. Nov. Fedde
Beih. 40: 379 & Anhang, 120. pl. 77. 1936.

D. Afr., Ufioni: Bonga → Beréu, Sumpf im Walde
1640-1525 m. *VIII, 2 (F 44224)

[Place copied from Beih. 40: 145. 1930, under
A. Schimper]

Africa

Hyparrhenia subplumosa Stapf in Prain, Fl. Trop. Afr.
9: 366. 1919.

"Upper Guinea, Sierra Leone: Samala, Thomas, 227!
...Scott Elliot, 5931! French Guinea: Fouta Jallon
...Chevalier, 20185! Timbo, Pobéguin, 1799!
Baffing Valley, Pobéguin, 1812! Abudia, Krause!
Togo: Misahöhe, Baumann, 328! Northern Nigeria:
Abinsi, Dalziel 889! 901! Lokoja, Dalziel, 298!"

[Africa]

Hyparrhenia sulcata Jac.-Pél. Journ. Agric. Trop. & Bot.
Appl. 1: 54. pl. 9. 1954.

Sénégal: bassin de la Gambie, bordure de marécage,
B. P. Berhaut, no. 3040 type! et 1894.

Hyparrhenia takensis Vandyerst, Bull. Soc. Roy. Bot.
Belg. 55: 45. 1922, without description.

"Haut-Kwilu: Taka, janvier 1914, nos. 3410 et 3413
(VDB)" [Vandyerst]

Africa

Hyparrhenia tamba (Hook.) Anders. in Schweinf.

Beitr. Fl. Aethiop. 300, 310 [error for 306] 1867.
(genus not published); in Stapf in Prain, Fl. Trop.
Afr. 9: 336. 1919.

Based on *Andropogon tamba* Hochst.

Abyssinia

Hyparrhenia umbrosa Anders. in Schweinf. Beitr. Fl.
Aethiop. 300, 310 [error for 306] 1867. (genus
not published)

Based on *Andropogon umbrosa* Hochst.

Referred to *H. tamba* in Stapf

Africa

Hyparrhenia variabilis Stapf in Prain, Fl. Trop. Afr.
9: 334. 1919.

"Mozambique Distr. Nyasaland: Zomba, Sharpe 131!
Urungu: Fwambo, 5250 ft., Nutt! Rhodesia: Mumbiva...
Mrs. Macaulay, 62! Salisbury, Mrs. Craster, 72!"

[Africa]

Hyparrhenia viridescens Robyns, Fl. Agrost. Congo
Belge 182. 1929.

"Espèce de la brousse du Haut-Katanga, récoltée
dans la région d'Elisabethville."

[Quarré 295 (type)] given by Robyns, Bull. Jard.
Bot. Brux. 8: 239. 1930.]

Africa

Hyparrhenia vulpina Stapf in Prain, Fl. Trop. Afr.
9: 310. 1919.

"Lower Guinea, Angola: Benguela; ...Gossweiler,
3068!Gossweiler, 3120!"

[Africa]

Hyparrhenia vulpina Stapf, esp. longipes A. Camus, esp.
nov. Bull. Soc. Bot. France 107: 207. 1960.

Sud-Ouest de Madagascar: forêt de Zombitay (Sakaraha)
aux confins des bassins du Fihorenana et de l'Ouilahy,
alt. 600-850 m. (sur la piste, des pétroles, vers
l'Isalo); forêt tropophile sur sable siliceux de
l'Isalo, Humbert 29,669.

L' *H. vulpina* type est une espèce intéressante du
Mozambique et de l'Angola.

La curieuse sous-espèce récoltée par le Prof. H.
Humbert à Madagascar est bien caractérisée par sa
panicule assez lâche, étalée, la ligule arrondie ou
tronquée entourée à la base de poils assez longs, sous
le limbe assez large, le pédoucle commun filiforme,
souple, très enroulé, long de 20-30 mm., très longue-
ment poilu au sommet, à longs poils blancs, la
over

Hyparrhenia welwitschii (Rendle) Stapf in Prain, Fl.
Trop. Afr. 9: 356. 1919.

Based on
Cymbopogon welwitschii Rendle

Africa

Hyparrhenia welwitschii var. *Van Houttei* Vandyerst,
Bull. Soc. Roy. Bot. Belg. 55: 44. 1922, presu-
mably a transfer from *Andropogon nsoki* var. *Van*
Houttei Vandyerst.

Africa

Hypogynium campestre Nees, Agrost. Bras. 365. 1829.

"Habitat in campis provinciae Piahiensis."

[Martius]

Brazil

T

Hypogynium foveolatum (Del.) Haines, Bot. Bihar &
Orissa Pt. 5: 1041. 1924.

Based on *Andropogon foveolatus* Del.

Egypt. herb. Vaillant

Hypogynium Schlechteri (Hook.) Pilger in Engl. &
Prantl, Pflanzenfam. ed. 2. 14a: 156. 1940.

Presumably based on *Andropogon Schlechteri* Hook.

Africa

Hypogynium spathiflorum Nees, Agrost. Bras. 366. 1829.

"In campis agrestibus generalibus provinciae.
S. Pauli, pone Ipanema lecta, et alibi."

Martius

T

= *Andropogon virgatus*
Brazil

Hypogynium virgatum (Desv.) Dandy, Journ. Bot. Brit.
& For. 69: 54. 1931.

Based on
Andropogon virgatus Desv.

= *Andropogon*

Herb. Prof. Desv. Antilles

W. I. Islands

Hypoechloa camerounensis C. E. Hubb. in Hutch. &
Dalziel, Fl. West. Trop. Afr. 2: 530. Feb. 1936,
without descr. except for genus; Kew Bull. Misc.
Inf. 1936: 300. f. 1. 1936, Latin descr.

"Cameroon Mt.: above Buea, 8,500 ft. (Dec.); To-
wards No. 3 hut, among rock and boulders, 12,000 ft.
(Jan.); Exsicc.--Mildbr. 10881. Maitland 874;
1274A."

(type)

Nigeria Africa

Hypodacrydium camphreides Hochst. Flora 24: 275. 1841,
with notes; Flora 27: 249. 1844, as syn.

Based on *Anthephora hochstetteri* Nees

Abyssinia

Hystericina alopecuroides Steud. Syn. Fl. Glum. 1: 35.
1854.

"N. Zealand"

Hystrixium acuminatum Trin. ex Steud. Nom. Bot. ed.
II. 2: 11. 1841, as syn. of *Lasiachloa adscendens*
Kunth.

Based on *Dactylis adscendens* Schrad. ["Rev. Gram.
2. pl. 192. sec. Nees & Afr. Austr."] Steud. Syn.
Fl. 1: 299. 1854.

Hystrix californica (Bolander) Kuntze, Rev. Gen. Fl.
2: 778. 1891.

Based on *Gymnostichum californicum* Bolander
Man. U. S.

Hystrix coreana (Honda) Ohwi, Journ. Jap. Bot.
12: 653. 1936.

Based on *Elymus coreanus* Honda
Korea

Hystrix duthiei (Stapf) Ber, Indian Forester 66: 544.
1940. (Sept.)

Same comb. made by Keng, Sinensia 11: 411. 1940.
Sept.

Based on *Asperella duthiei* Stapf
India

Hystrix elymoides Macdonn. & Bush, Man. Fl. Jackson
Co. Mo. 39. 1902.

Based on *Elymus hystrix* L.

= *Hystrix patula*
Man. U. S.

Hystrix gracilis (Hook.f.) Kuntze, Rev. Gen. Fl.
12: 778. 1891.

Same comb. Allan, Introd. Grasses W. Z. Bull. Dept.
Sci. & Indust. Wes. N. Z. 49: 88, 155. 1936.

Based on *Gymnostachyum gracile* Hook.f.
= *Coekaynea gracilis* (Hook.f.) Zotov.

Hystrix Hackellii Honda, Journ. Fac. Sci. Univ. Tokyo
Sect. III, Bot. 3: 14. 1930. [invalid]

Based on *Asprella japonica* (non Tokubuchi)* Hack.
Bull. Herb. Boiss. 7: 715. 1899.

*no reference cited for Tokubuchi. Ohwi, Phytotax.
& Geobot. 5: 185. 1936. cites *Asperella japonica*
Hack.(non Tokubuchi, nom. nud.)

(L.)
Hystrix hystrix Millsp. Fl. W. Va. 474. 1892.

Based on *Elymus hystrix* Linn.

= *H. patula*
Man. U. S.

Hystrix japonica (Hack.) Ohwi, Acta Phytotax. & Geobot.
Kyoto 5: 185. 1936.

Based on *Asprella japonica* Hack.
Japan

Hystrix komarevii (Roshev.) Ohwi, Act. Phytotax. &
Geobot. 2: 31. 1933.

Based on *Asperella komarevii* Roshev.
Amur. Asia

Hystrix kumlumensis Hao, Bot. Jahrb. Engler 68: 580. 1938.

"Kokomort auf dem Plateau Da-ho-ba, 400 m, bis 100-150 m hoch (nr. 1058-Am 28. August); Anne Matchin, auf dem Gebirge, 4500 m (nr. 1131 - Am. 2. Sept.)" [Hao, Collector]

Aff. *Asperella* Komarovii

China, province Kan-su

Hystrix laevis (Petric) Allan, Dept. Sci. Industrial Research Bull. 49: 88. 1936.

Presumably based on *Asperella laevis* Petric

= *Cookaynea laevis* (Petric) Zotov

New Zealand

Hystrix longe-aristata (Hack.) Honda, Journ. Fac.

Sci. Univ. Tokyo Sect. III, Bot. 3: 14. 1930.

Based on *Asperella sibirica* var. *longe-aristata* Hack.

= *H. duthiei* (Stapf) Keng

Both published Sept. 1940.

Hystrix patula Moench, Meth. Fl. 295. 1794.

Based on *Elymus hystrix* L.

Man. U. S.

Hystrix patula var. *bigeloviana* Fern. ex Desm. Ind. Dept.

Conserv. publ. 82: 117. 1929.

"Fernald (Rhodora 24: 229-231. 1922)" That is *Asperella hystrix* var. *bigeloviana* Fern.

= *Hystrix patula*

Man. U. S.

Hystrix patula forma *bigeloviana* (Fern.) Gleason

Phytologia 4: 21. 1952.

Synonymy: *Asperella hystrix* var. *bigeloviana* Fern. Rhodora 24: 230. 1922.

= *H. patula*

Man. U. S.

Hystrix sachalinensis Ohwi, Bot. Mag. Tokyo 45: 378.

1931.

"Hab. Sachalin; Heyemura in Shisukagori (2. VIII. 1929. T. Ichikawa)."

aff. *Hystrix sibirica*

Hystrix sibirica Kuntze, Rev. Gen. Fl. 1²: 778. 1891.

Based on *Asperella sibirica* Trautv.

Asia

Iohanthus acuminatus Swallen, Fieldiana 28: 28. 1951.

Type in U. S. Nat. Herb. no. 1911559, collected along stream in Gran Sabana, between Kun and Uadua-pardi, in valley of Rio Kukanan, south of Mount Boraima, state of Bolivar, alt. 1065-1220 m., Oct. 1, 1944, Julian A. Steyermark 59086. Also collected on Gran Sabana, between Santa Teresita de Kavanayen n.w. of Rio Karuai, on large mesa, state of Bolivar, alt. 1220 m., 59371; savanna bordering forest of Rio Karuai, between Santa Teresita de Kavanayen and base of Ptari-tepul, state of Bolivar, alt. 1220 m., 60335.

Venezuela

Iohanthus affinis Doell in Mart. Fl. Bras. 2²: 277.

1877.

"Habitat ad fluv. Uaupés prov. do Alto Amazonas (Spruce n. 2281) et in prov. S. Pauli error for 2821-Nat. Hb. (Burchell n. 3244)."

Brazil

Iohanthus almadensis (Nees) Kunth, Rev. Gram.

1: Suppl. X. 1830.

Based on "*Panicum almadense* Nees ab Esenb., Trin." [Nees in Trin.]

Brazil (Chamisso, Langsdorff)

Iohanthus almadensis var. *lancoelatus* Doell in Mart.

Fl. Bras. 2²: 283. 1877.

Brazil

Iohanthus almadensis var. *evato-lancoelatus* Doell

in Mart. Fl. Bras. 2²: 283. 1877.

"in Serra dos Orgãos et ad Rio Paqueta (Beyrich);"

[Brazil]

Iohanthus almadensis var. *subovatus* Doell in Mart.

Fl. Bras. 2²: 283. 1877.

"prope Rio de Janeiro (Selle n. 25)."

Brazil

Iohanthus alsinoides (Griseb.) Munro ex Hemsl. Biol.

Centr. Amer. Bot. 3: 500. 1885.

Based on "*Panicum alsinoides* Griseb."

Jamaica: March; St. Kitts, Trinidad, Rd.

[Not known from Jamaica nor St. Kitts.]

= *Iohanthus tenuis* (Presl) Hitchc. & Chase

Iohanthus altus Swallen, Contr. U. S. Nat. Herb. 29:

272. 1949.

Type in the U. S. National Herbarium, No. 1797711, collected at Mitu "orillas rie Vaupés," Comisaria of Vaupés, Colombia, altitude 200 meters, September 13, 1939, by E. Perez Arbelaez and J. Cuatrecasas (No. 6774).

Iohanthus amplifolius Swallen, Contrib. Science

22: 4. f. 2. 1958.

"Type: Dawson 14977, collected in gallery forest along stream, 17 km. east of Formosa, region of the southern Serra Dourada, Goiás, Brazil, May 19, 1956.

also----20 km. east of Formosa, Dawson 14867, and ----13 km. east of Formosa, Dawson 15133.

T U. S. Nat. Herb.

Iohanthus angustifolius Swallen, Journ. Washington

Acad. Sci. 21: 16. 1931.

Type in the U. S. National Herbarium, no. 1,351,267, collected in woods, on the northern slope of Mesa de los Santos, Dept. Santander, Colombia, Dec. 11-15, 1926, by E. P. Killip and Albert C. Smith (no. 15385).

Iohanthus apiculatus Scribn. U. S. Dept. Agr. Div.

Agros. Circ. 30: 1. 1901.

"Type specimen from near Jalapa, state of Vera Cruz. C. G. Fringle, no. 9208."

Mexico

= *Panicum cordovense* Fourn.

Type in U. S. herb.

Iohanthus australiensis (Domin) Hughes, Kew Bull.

1923: 329. 1923.

Based on *Panicum australiense* Domin.

West Australia,

Lazarides, Australian Journ. Bot. 7: 333. 1959. refers this species to *Panicum australiense* Domin, with *Panicum pauciflorum* var. *fastigiatum* Benth. 1878 as syn.

Iohanthus axillaris (Nees) Hitchc. & Chase, Contr.

U. S. Nat. Herb. 18: 334. 1917.

Based on *Panicum axillare* Nees

"Habitat in editis montium, v.g. Itambé da Villa et Itacolundi etc. provinciae Minas generalium altitudine 4000 ped."

Brazil

Iohanthus bambusiflorus (Trin.) Doell in Mart. Fl.

Bras. 2²: 288. 1877.

Based on "*Panicum bambusiflorum* Trinius." T

V. spp. Brazil (Langsdorff)

Iohanthus breviscrebs Doell in Mart. Fl. Bras.

2²: 294. 1877.

"Habitat prope Santarem (Spruce n. 385...*Panicum* n. 20 et 801)" et in districtu Para Surinamiae (Wulfschlaegel n. 1148)."

Brazil

Iohanthus brevivaginat Swallen, Phytologia

4: 425. 1953.

Type in the U. S. National Herbarium, No. 1,867,601, collected on high ridge, Swasey Ranch, Monkey River, Toledo District, British Honduras, March 14, 1942, by Percy H. Gentile (No. 3,971)

Iohanthus calvescens (Nees) Doell. in Mart. Fl. Bras.

2²: 285. 1877.

Based on "*Panicum calvescens* Nees ab Esenbeck."

Brazil (Nees)

T

Iohanthus calvescens var. *glabrescens* Doell in Mart.

Fl. Bras. 2²: 286. 1877.

"Habitat prope Santarem (Spruce n. 793); in silva ad Feuse alto provinciae Mat[?]o Grosso (Pohl n. 2836); prope Goyaz urbem (Burchell n. 6982).-- Forma ad varietatem sequentem transiens ad S. Francisci flumen prope Joazeiro (Martius)."

Brazil

Iohanthus calvescens var. *pilosus* Doell in Mart. Fl.

Bras. 2²: 286. 1877.

Based on "*Panicum calvescens* of Nees."

Prince Neuwied, coll.

V. sp. Brazil (Nees)

Iohanthus calvescens var. *pubescens* Doell in Mart.

Fl. Bras. 2²: 287. 1877.

"Habitat in provincia Piahyensi (Gardner n. 3511) et prope Lagoa Santa provinciae Minas, Warming)."

Brazil

Iohanthus calvescens var. *scabrier* Doell in Mart. Fl.

Bras. 2²: 286. 1877.

"Habitat prope Santarem (Spruce n. 891...*Panicum* n. 27) prope Lagoa Santa (Warming)."

Brazil

Iohanthus calvescens var. *subvelutinus* Doell in

Mart. Fl. Bras. 2²: 287. 1877.

"Habitat prope Santarem provinciae Paraensis (Spruce n. 362, 798, 800 et 840. '*Panicum* n. 19'), etiam a Principe Neuwied e Brasilia reportatus."

T

Brazil

Iohanthus candicans (Nees) Doell in Mart. Fl. Bras.

2²: 291. 1877.

Based on "*Panicum candicans* Nees ab Esenb." T

2 unnamed vars. given: "Hab. α et β in Brasilia"

Iohanthus candicans var. *glabratus* Doell in Mart.

Fl. Bras. 2²: 292. 1877.

Prope Rio de Janeiro (Glazieu n. 3604, 4323); prope Caldas (Lindberg n. 655); ad Santos prov. S. Pauli (Lindberg n. 695).

Ichnanthus candicans var. *glabratus* f. *grandiflora*
Doell in Mart. Fl. Bras. 2^o: 292. 1877.

Rio de Janeiro (Glaziou n. 3152)
Brazil

Ichnanthus candicans var. *pilosus* Doell, in Mart. Fl.
Bras. 2^o: 293. 1877.

Ad Bahian (Salzmann n. 703) et ad Caldas (Regnell).
Brazil.

Ichnanthus candicans var. *velutinus* Doell in Mart.
Fl. Bras. 2^o: 293. 1877.

Ad Caldas et Lagoa Santa, prov. Minas (Regnell et
Warming).
Brazil

Ichnanthus candicans var. *villosus* Doell in Mart. Fl.
Bras. 2^o: 292. 1877.

"Ad Caldas prov. Minas (Regnell III. 1356
ex parte)."
Brazil

Ichnanthus candicans var. *virescens* Doell, in Mart.
Fl. Bras. 2^o: 292. 1877.

"Habitat prope Bahia (Salzmann n. 687); prope
Caldas prov. Minas (Regnell III. 1356); prope
Lagoa Santa ejusdem provinciae (Warming); in prov.
S. Paulo (Lund). Etiam in Guiana gallica (Lep-
rieur n. 35)."
Brazil. Also French Guiana.

Ichnanthus chaseae Swallen, Contr. U. S. Nat. Herb.
29: 271. 1949.

Type in the U. S. National Herbarium, No. 1762176,
collected on dry wooded cliff, between Maracay and
Valencia, south side of Lake Valencia, State of
Carabobo, Venezuela, altitude 500 meters, March 4,
1940, by Agnes Chase (No. 12340).

T

Ichnanthus conjunctus Hitchc. & Ekman, U. S. Dept.
Agr. Misc. Publ. 243: 297. fig. 287. 1936.

"Type in the U. S. Nat. Herb. no. 1387342, collect-
ed on moist logs in forest, Sabana, prov. Oriente,
Cuba, by E. L. Ekman (no. 6536)."
Known only from the type collection.

Cuba

Ichnanthus cordatus Ekman, Ark. fôr Bot. 10¹²: 18,
pl. 2, 6. 1911.

"Prov. Mato Grosso, Quiabá in silvula vallis...
legit G. O. Malme, 29. 4. 03, sub numero 3187
Exp. II. Regn."

Brazil

Ichnanthus cynotis (Trin.) Doell, in Mart. Fl. Bras.
2^o: 284. 1877.

Based on "*Panicum cynotis* Trinius" T
Brazil

Ichnanthus damianus Hack. Repert. Sp. Nov. Fedde
12: 385. 1913.

"Brasilia, prov. Minas, Serra de Ouro Preto,
Montes de Camarinhas, em. 1912, leg. L. Damazio,
sub no. 2172."

Ichnanthus dasycleus Tutin, Journ. Bot. Brit. & For.
72: 337. fig. 8, a. 1934.

"Hab. Kaletuk savanna, Potaro River. Shady place,
rather damp, near the top of the Fall; no. 642;
Aug. 28, 1933. Typus in Herb. Mus. Brit."

British Guiana--Cambridge Univ. Exped. 1933.

Ichnanthus Dewildemanii Vanderyst, Bull. Agr. Congo
Belge 10: 249. 1919.

"region agricole du Moyen-Kwilu: Tenga-Tonga (dans
la Gobari), juillet 1917 (no. 5,482 bis)."
[Vanderyst, Coll.]

Belgian Congo - Africa

Basis of *Chevalierella Dewildemanii* (Vandery.)
Van der Venken. 1954.

Ichnanthus drepanophyllus Mez, Repert. Sp. Nov. Fedde
15: 131. 1918.

"Brasilia, Civit. Bahia, Vittoria inter et Bahia
(Sellow); Civit. Pernambuco (Gardner no. 1175).

Brazil

Ichnanthus duidensis Swallen, Fieldiana 28: 28.
1951.

Type in U. S. Nat. Herb. no. 1911648, collected on
Cerro Duida, southeastern-facing slopes along Caño
Negro (tributary of Caño Iguapo), Territorio
Federal Amazonas, alt. 305-1095 m., Aug. 25-26,
1940, Julian A. Steyermark 57988.

Venezuela

Ichnanthus ephemerolepharis Black & Froes, Bol. Inst.
Agro. Norte 15: 5. 1948.

Brasiliae civitate Amazonas, in silvula humili
vulgo "catinga": inter Rio Preto et Rio Padauri,
R. L. Froes 22898, Oct. 1947.

Ichnanthus fastigiatus Brongn. in Duperrey, Bot.
Voy. Coquille 2^o: 118. pl. 18. 1832.

"Ile Sainte-Catherine au Brésil."

Ichnanthus foliolosus Munro ex Hook. f. Fl. Brit. Ind.
7: 61. 1896.

"Munro in Herb. Kew."

Based on *Panicum foliolosum* Wall. Cat. n. 8680.
nom. nud.

India

Ichnanthus gardneri Mez, Repert. Sp. Nov. Fedde
15: 132. 1918.

"Brasilia, Civit. Goyas (Gardner no. 3512)."

Ichnanthus glaber Link ex Steud. Syn. Fl. Glum.

1: 94. 1854. Mentioned under *Panicum glaberrimum*
Steud.

=*Panicum virgatum* L.

Ichnanthus glaber (Raddi) Hitchc. Contr. U. S. Nat.
Herb. 22: 10. 1920.

Based on *Navicularia glabra* Raddi.

Brazil

Ichnanthus goiasensis Swallen, Contrib. Science
22: 6. f. 3. 1958.

Type: Agnes Chase 11578, collected in wood border,
Goianira, Goiás, Brazil, 820-825 meters alt.,
March 26-27, 1930. North of São da Aliança, region
of the Chapada dos Veadeiros, Goiás, Brazil,
Dawson 14272.

T U.S. Nat. Herb.

Ichnanthus gracilis Swallen, Phytologia 4: 426. 1953.

Type in the herbarium of the Chicago Natural History
Museum, no. 1,045,455 collected on top of ridge of
Loma de la Poloma, above Finca El Porvenir, San
Marcos, Guatemala, March 8, 1940, by Julian A.
Steyermark (No. 37,293).

Ichnanthus harmandii A. Camus in Lecomte Not. Syst. 3:
84. 1914.

Siam: prov. de Siem-reap (Harmand)--Cochinchine:
(Pierre) T

Ichnanthus hirtus (Raddi) Chase, Journ. Washington
Acad. Sci. 13: 175. 1923.

Based on *Navicularia hirta* Raddi
Brazil

Ichnanthus hoffmannseggii (Roem. & Schult.) Doell, in
Mart. Fl. Bras. 2^o: 287. 1877.

Based on "*Panicum hoffmannseggii* Roemer et Schult.;
Trin. Sp. Gram. 19. pl. 219.

Brazil?

Ichnanthus ichnodes (Griseb.) Hitchc. & Chase, Contr.
U. S. Nat. Herb. 18: 335. 1917.

Based on *Panicum ichnodes* Griseb.

"Hab. Trinidad; Cr[eiger] heights of S. Anne."

See A.S.H. Bur. Notes 2: 14. ~~N. A. B. K.~~

British West Indies

Ichnanthus inconstans (Trin.) Doell, in Mart. Fl.
Bras. 2^o: 284. 1877.

Based on "*Panicum inconstans* Trinius" T

Habitat....Serra da Lapidiotas...(a Langsdorff Herb.
Acad. Imp. Petrop. & Trin.

Brazil

Ichnanthus inconstans var. *dumetorum* (Trin.) Doell
in Mart. Fl. Bras. 2^o: 285. 1877.

Based on "*Panicum inconstans* var. *dumetorum* Trin."
Brazil

Ichnanthus inconstans var. *montanus* (Trin.) Doell in
Mart. Fl. Bras. 2^o: 285. 1877.

Based on "*Panicum inconstans* var. *montanum* Trin."

Basis of *Ichnanthus montanus* (Trin.) Mez.

monte da Sillada pr. Camapan Brasiliae

Brazil

Ichnanthus lagotis (Trin.) Swallen, Journ. Washington
Acad. Sci. 28: 10. 1938.

Based on *Panicum lagotis* Trin.

T

Brazil

Ichnanthus lanceolatus Scribn. & Smith, U. S. Dept.
Agr. Div. Agro. Bull. 4: 36. pl. 5. 1897.

"Old fields about Izamal, no. 854. George F. Gaumer
Sept. 1895."

Yucatan, Mex.

Ichnanthus lanceifolius Nees ex Doell in Mart. Fl.
Bras. 2^o: 280. 1877, as syn.

Nees herb. "num. Reg. Berolinensis schedula"

as syn. of *I. planotes* var. *glaber* Doell.

Ichnanthus lanceifolius Mez, Repert. Sp. Nov. Fedde
15: 126. 1918.

"Brasilia Civit. Bahia, in nemoribus umbrosis
prope Ilheos (Riedel no. 142 = 243)."

T U.S.

Same name Nees ex Doell 1877, as syn. only does not
invalidate Mez.

Iohmanthus lasiochlamys Mez, Repert. Sp. Nov. Fedde
15: 127. 1918.

"Brasilia, civit. Bahia, in sabulosis infra
frutices prope Ilheos (Riedel no. 44)."

Iohmanthus leiocarpus (Spreng.) Kunth Rev. Gram.
1: Suppl. X. 1830.

Based on "*Panicum leiocarpum* Spreng., Nees ab
Esenb."

T
Brazil

Iohmanthus leiocarpus var. *glabrescens* Doell in Mart.
Fl. Bras. 2: 282. 1877.

"in prov. S. Paulo (Burchell n. 3471)."

Brazil

Iohmanthus leptophyllus Doell in Mart. Fl. Bras.
2: 287. 1877.

"Habitat in vicinia Santarem provinciae Paraensis
(Spruce n. 793 et 843, *Panicum* n. 24); inter S.
João et Santa Anna (Burchell n. 3298)."

U.S. Herb.

Brazil

Iohmanthus lilloi Hack. Ann. Cons. Jard. Genève 17:
288. 1914.

"Argentina, prov. Tucumán, in vallibus umbrosis
ad La Criolla, 1200 m.s.m., Stuckert 22472 ex Lillo
n. 11362 (II. 1912). Quebradas, boscosas."

U.S.

"Arore aff. *I. minarum* Doell."

Iohmanthus longiflorus Benth. Journ. Linn. Soc. Bot.
19: 45. 1881.

Panicum longiflorum Trin. erroneously cited as syn.;
Benth. had a different species in mind, his refer-
ence to "auricles" on the flowering glume shows he
had an *Iohmanthus* species in mind. sp. unknown.

Panicum longiflorum Trin. = *Homolepis longispicula*
(Doell) Chase

Iohmanthus longifolius Swallen, Fieldiana 28: 29. 1951.

Type in U. S. Nat. Herb. no. 1911650, collected on
Cerro Duida, south-eastern-facing sandstone bluffs
near Caño Negro (tributary of Caño Iguaço), Terri-
torio Federal Amazonas, alt. 1095-1520 m., Aug. 26,
1944, Julian A. Steyermark 58020.

[Venezuela]

Iohmanthus longiglumis Mez, Repert. Sp. Nov. Fedde
15: 131. 1918.

"Brasilia, Civit. Minas Geraes, summa in Sierra
da Piedade (Warming); loco non indicato (Glaziou
no. 17929)." U.S.

Iohmanthus Lutzburgii Mez, Bot. Jahrb. Engler
56(Beibl. 125): 9. 1921.

"Brasilien, Bahia (Lutzburg n. 313)."

Iohmanthus macroglossus Hack. ex Kuntze, Rev. Gen. Fl.
3: 365. 1898, incidental mention under *Panicum*
zizanioides H.B.K.

"herb. berol. ex No. 15612 von Glaziou, Rio Janeiro."

Brazil

Iohmanthus majusculus (F. Muell.) Hughes, Kew Bull.
Misc. Inf. 1923: 329. 1923.

Based on *Panicum majusculum* F. Muell. ex Benth.
"N. Australia. Victoria River, Elsey."

Referred to *Panicum majusculum* F. Muell. by Lazar.
Australian Journ. Bot. 7: 336. f. 4. 1959.

Iohmanthus martianus (Nees) Doell in Mart. Fl. Bras.
2: 280. 1877.

Based on "*Panicum martianum* N. Nees ab Esenbeck.
Agrost. bras. 138."

T

Brazil

Iohmanthus maximiliani Arber, Ann. Bot. 41: 478.
1927, nom. nud.

Brazil

Iohmanthus mayarensis (Wright) Hitchc. Contr. U. S.
Nat. Herb. 12: 228. 1909.

Based on *Panicum mayarense* Wright

"3468 p.p. En los pinares de Mayarí abajo
[Wright, Coll.]

Cuba

Iohmanthus mexicanus (Pourn. in Hemsl. Biol. Centr.
Am. Bot. 3: 500. 1885, nom. nud.) Pourn. Mex. Fl.
2: 34. 1886.

"South Mexico. Trapiche de la Concepcion, Augusto
(Liebm. n. 457)."

U.S.

Iohmanthus minarum (Nees) Doell in Mart. Fl. Bras.
2: 294. 1877.

Based on "*Oplismenus minarum* Nees ab Esenb."

prope Villa Rica provinciae Minarum generalium

T
Brazil

Iohmanthus mollis Elman, Ark. for Bot. 10¹⁷: 20.
pl. 2, 6. 1911.

"Prov. Matto Grosso, ad "Cascata grande" ostarz
hactam prope Buriti legit G. O. Malme, 8.6. 03, sub.
numero 3480. Exp. II. Regn."

Brazil

Iohmanthus montanus (Trin.) Mez, Repert. Sp. Nov.
Fedde 15: 128. 1918.

Based on "*Panicum inconstans* var. *montanum* Trin."

monte da Sillada pr. Camapuan Brasiliae lectum

Type U. S. Nat. Hb.

Iohmanthus mucensis (Vanderyst) Vanderyst, Bull. Agr.
Congo Belge 16: 681. 1925.

Based on *Panicum mucensis* Vanderyst

"region du Kwango: Mue, juin 1915."

Belgian Congo, Africa

Iohmanthus muelleri Hughes, Kew Bull. Misc. Inf.
1923: 329. 1923.

"W. Australia: near King's Sound Mueller!"

Iohmanthus nemoralis (Schrad.) Hitchc. & Chase, Contr.
U. S. Nat. Herb. 18: 334. 1917.

Based on *Panicum nemorale* Schrad.

"In Brasilia. Princeps Sereniss. Maximil. Neowid-
ensis."

Brazil

Iohmanthus nemorosus (Swartz) Doell in Mart. Fl.
Bras. 2: 289. 1877.

Based on "*Panicum nemorosum* Swartz."

Jamaica, Domingo [Swartz]

W. I.

Iohmanthus nubigenus Swallen, Contr. U. S. Nat. Herb.
29: 425. 1950.

Type in the U. S. National Herbarium, No. 195397,
collected in cloud forest on Mount Uyucá, Department
of Morazan, Honduras, altitude 2,000 meters, March
2, 1947, by Louis O. Williams and Antonio Molina
R. (No. 12143)
U.S.

Iohmanthus nubilis Chase, Journ. Washington Acad. Sci.
42 (4): 124. 1952.

Type in the U. S. National Herbarium, no. 1762167,
collected near the upper margin of cloud forest, El
Junquito, Cordillera Costanera, Distrito Federal,
Venezuela, March 12, 1940, by Agnes Chase, no. 12439
A duplicate of the type is in the herbarium of the
Instituto de Botanica, Caracas, Venezuela.

Iohmanthus oblongus Hughes, Kew Bull. Misc. Inf.
1923: 328. 1923.

Cited: "*Panicum trachyrachis* var. *temnier* Benth.
....P.P."

"Queensland: Percy Island, Cunningham!"

Australia

Cited as synonym of *Ottocloa nodosa* (Kunth)
Dandy by Lazarides, Australian Journ. Bot.
9: 210. 1961.

Iohmanthus oplismenoides Munro ex Doell in Mart. Fl.
Bras. 2: 288. 1877.

"Habitat ad Tocantins fluvium inter S. João et
Funil (Burchell n. 9031)."

Cited: "*Iohmanthus oplismenoides* Munro in Catalogo
plantarum Burchellianarum Msc. n. 9031."

Brazil

Dupl. type in U. S. Nat. Herb.

Iohmanthus pallens (Swartz) Munro ex Benth. Fl.
Hongk. 414. 1861.

Based on "*Panicum pallens* Sw."

Jamaica

Iohmanthus panicoides Beauv. Ess. Agrost. 57. pl. 12.
f. 1. 1812.

"croit dans l'Amérique méridionale: ...communiqué
par M. Desfontaines."...

South America

Iohmanthus pauciflorus (R. Br.) Hughes, Kew Bull.
Misc. Inf. 1923: 330. 1923.

Based on *Panicum pauciflorum* R. Br.

Australia, R. Br., Collector

Iohmanthus peruvianus Mez, Repert. Sp. Nov. Fedde
15: 129. 1918.

"Peruvia, Sandia inter et Chumushmayo, inter Tambo
Azalaya et Tambo Iohambaba, in fruticeto laxo
sioccoque 1500-1800 m s. m. (Weberbauer no. 1131)."

Nat. Herb.

Iohmanthus petiolatus (Nees) Doell in Mart. Fl. Bras.
2: 278. 1877.

Based on "*Panicum petiolatum* Nees ab Esenb."

in udis ad Guaratinguetá in vicinia Paraíba
fluminis, provinciae S. Pauli

Brazil, S. Amer.

Iohmanthus petiolatus var. *lanceolatus* Doell in Mart.
Fl. Bras. 2: 279. 1877.

"a cl. Leprieur in Guiana gallica lecta"

French Guiana

Iohmanthus Firesii Black, Bol. Tec. Inst. Agron. do
Norte No. 20: 31. 1950.

Brasilia, in civitate Maranhão, basi Serra Malioia
flumine Tocantins, prope Carolina, 30-VII-1949,
Fires et Black 1595 a (IAN, typus).

Iohmanthus planotis Doell in Mart. Fl. Bras. 2(2): 279. 1877.

Based on *Panicum Planotis* Trin.

(Error in Index Kewensis where it is given as *Iohmanthus planotis* [instead of *Panicum*] Trin. Mem. Acad. St. Petersb. VI. 1: 322. 1834; Trin. published it as *Panicum planotis* & *Iohmanthus*).

Brazil

T Nat. Hb.

Iohmanthus planotis var. *glaber* Doell in Mart. Fl. Bras. 2²: 280. 1877.

Cites: "*Iohmanthus lancifolius* Nees herb. (herb. name). Reg. Berol. "*Felisbertiana* prov. Bahiensis (Princ. Neuwied);*Brasilia*... (Martius)

[*d* glaber appears to be the species itself]

Iohmanthus planotis var. *pilosus* Doell in Mart. Fl. Bras. 2²: 280. 1877.

"prope Rio de Janeiro a ol. Raddi et novissimo tempore a ol. Glaziov (n. 5441) lecta est."

Brazil

Iohmanthus polyoladus Mez, Repert. Sp. Nov. Fedde 15: 130. 1918.

"*Brasilia*, Civit. Minas Geraes, in Serrae da Lapa fruticetis (Riedel no. 952)." Nat. Herb.

Iohmanthus riedelii (Trin.) Doell in Mart. Fl. Bras. 2²: 278. 1877.

Based on "*Panicum riedelii* Trin."

Bahia, Brazil, South Amer.

Iohmanthus rondonii Kuhl. Comm. Linhas Telegr. Matto Grosso 67: 66. 1922.

"*Brasilia*, civ. Matto Grosso, Campos de Maria Molina, in silvis, XII, 1911, leg. Rondón, (n. 5398)

Iohmanthus ruprechtii Doell in Mart. Fl. Bras. 2²: 293. 1877.

"Habitat prope Fillar prov. Goyaz (Pohl n. 5067) et ad Gongo Soco prov. Minarum (Bunbury)." Nat. Hb.

"*Iohmanthus asperifolius* Ruprecht in herbarii Vin-dobonensis schedula, partis minoris nomine"

Brazil

Iohmanthus ruprechtii var. *glabratus* Doell in Mart. Fl. Bras. 2²: 294. 1877.

"Ad Caldas et Lagoa Santa prov. Minarum (Widgren, Warming), nec non a ol. Gardner (n. 708) e *Brasilia* reportata. Formam inter utramque varietatem inter-mediam prope Rio de Janeiro legit ol. Glaziov (n. 4303)."

Brazil

Iohmanthus ruprechtii var. *tomentellus* Doell in Mart. Fl. Bras. 2²: 294. 1877.

"Ad Caldas provinciae Minarum (Regnell n. 1356, ex parte)."

Brazil

Iohmanthus scaberrimus Swallen, Contr. U. S. Nat. Herb. 29: 424. 1950.

Type in the U. S. National Herbarium, No. 1764414, collected in damp thicket, Finca Pirineos, below Santa Maria de Jesus, Department of Quezaltenango, Guatemala, March 11, 1939, by Paul C. Standley (No. 68296).

Iohmanthus sericeus Haek. Oesterr. Bot. Zeitschr. 51: 458. 1901.

"*Brasilia*, in provincia Goyaz, leg. Glaziov (nr. 22495)." Nat. Herb.

Iohmanthus serratus Swallen, Fieldiana 28: 30. 1951.

Type in U. S. Nat. Herb., no. 1911653, collected on summit of Cerro Duida, Savanna Hills, Territorio Federal Amazonas, alt. 1025-1200 m., Sept. 2, 1944, Julian Steyermark 58298.

Venezuela

Iohmanthus standleyi Hitchc. Contr. U. S. Nat. Herb. 24: 662. 1930.

"Type in the U. S. National Herbarium, no. 1,387,083 collected on wet shaded bank in the vicinity of Siguatepeque, Department of Comayagua, Honduras, alt. 1,080 to 1,400 meters, Feb. 14 to 27, 1928, by Paul C. Standley (no. 56207)."

Central America

Iohmanthus tamayonis Chase, Journ. Washington Acad. Sci. 42 (4): 122-124. 1952.

Type in the U. S. National Herbarium, No. 1858484, collected in "sitios abrigados, Dist. Fed.; Carretera Catia - El Junquito," Venezuela, October 8, 1943, by Francisco Tamayo, no. 2564. A duplicate of the type is in the herbarium of the Instituto de Botanica, Caracas, Venezuela.

Iohmanthus tarumanensis Black et Frécs, Bol. Tec. Inst. Agron. de Norte No. 20: 33. 1950.

Brasilia, in civitate Amazonas, secus [garapé] Oitô, fluminis Amazonas affluentem, prope Manaus, 14-VIII-1949, R. L. Frécs 25042 (IAN, typus).

Iohmanthus tenuis (Presl) Hitchc. & Chase, Contr. U. S. Nat. Herb. 18: 334. 1917.

Based on *Oplismenus tenuis* Presl

Mexico; Panama

Iohmanthus Trinii (Kunth) Pilger, Notizbl. Bot. Gart. Berlin 11: 245. 1931.

Based on *Panicum Trinii* Kunth; *P. rigidifolium* Trin. non Kunth

Brazil. type in Trin. Herb. St. Petersb.

Iohmanthus trinitensis Mez, Repert. Sp. Nov. Fedde 15: 130. 1918.

"Trinidad, loco non indicato (Trinid. Gard. herb. absque no.)"

Brit. W. I.

Iohmanthus velutinus Ekman, Ark. fôr Bot. 13: 31. pl. 2. f. 2. 1913.

"Bras. civ. Matto Grosso, Serra da Chapada, in silvula novella ("capoaira" inc.) deolivium prae-ruptum montis, 15. 5. 03, Malme, Exp. II. Regn., n. 3347; ibidem 2. 6. 03, n. 3347b."

Iohmanthus venezuelanus Mez, Repert. Sp. Nov. Fedde 15: 132. 1918.

"Venezuela, prope Las Matas in Araguae valle (Karsten)." Nat. Herb.

Iohmanthus verticillatus Mez, Repert. Sp. Nov. Fedde 15: 128. 1918.

"*Brasilia*, loco non indicato (Pohl)."

Iohmanthus vicinus (F. M. Bailey) Merr. Enum. Philippine Fl. 1: 70. 1922.

Based on *Panicum vicinum* F. M. Bailey Harvey's Creek, Russell River

Australia

Iohmanthus villosus Swallen, Journ. Washington Acad. Sci. 28: 10. 1938.

"Type in the U. S. National Herbarium no. 1647573, collected in sand along creek at Vaquero, Mountain Pine Ridge, El Cayo District, British Honduras, July-August, 1936, by C. L. Lundell (no. 6852)."

Central Amer.

aff. *I. leiocarpus* (Spreng.) Kunth

Iohmanthus Weberbaueri Mez, Repert. Sp. Nov. Fedde 15: 127. 1918.

"Peruvia, prov. Sandia, prope Chunchumayo, in silva umbrosa, alt. 900 m s. m. (Weberbauer no. 1236)."

Peru, S. Amer.

Iohmanthus wrightii Hitchc. Contr. U. S. Nat. Herb. 12: 229. 1909.

"Wright's 3880. U. S. National Herbarium no. 559959."

[Cuba]

Iohmanthus Zehntneri Mez, Bot. Jahrb. Engler 56 (Beibl. 125): 9. 1921.

"*Brasilien*, Bahia (Zehntner n. 3079)." Nat. Herb.

Imperata alany Jungh. ex Steud. Syn. Fl. Glum. 1: 405. 1855.

[error, same as *Imperata allang* Jungh]

Imperata allang Jungh. in Hoen. & De Vriese, Tijdschr. Nat. Gesch. 7: 295. 1840.

[*Flora* Javanicae]

Imperata angolensis Fritsch, Bull. Herb. Boiss. II. 1: 1096. 1901.

"Huilla (Dekindt)."

Angola, Africa

Imperata arundinacea Cyrille, Fl. Rar. Neap. 2: 27. pl. 11. 1792.

"Habitat in collibus argillosis." [Neapoli]

Italy

Imperata arundinacea var. *africana* Anderss. Öfv. Svensk. Vet. Akad. Förh. 12: 159. 1855.

[Africa]

"*I. Thunbergii* Beauv." cited as synonym. Saccharum *Thunbergii* Retz. as syns.

* signature date Mar. 14. 1855 for p.p. 101-168.

Imperata arundinacea var. *africana* f. *brevior* Anderss. Öfv. Svensk. Vet. Akad. Förh. 12: 160. 1855.

a dash is given before *brevior*; presumably forma; Hack. puts "b. africana" in the category of varieties

"Ad Cap. Bonae Spei. (Drege, Boklon). Port Natal (Krauss)."

Cape Good Hope

Signature date 18 March 14, 1855 for pp. 101-168

Imperata arundinacea var. *africana* f. *elatior* Anderss. Öfv. Svensk. Vet. Akad. Förh. 12: 159. 1855.

"In Africa septentrionali (Egypto, Tripoli, Senegal, Sierra Leona) Arabia et Persia."

dash given before *elatior* -- presumably forma; Hackel puts b. africana in category of variety

- Imperata arundinacea* var. *americana* Anderss. Örv.
Svensk. Vet. Akad. Förh. 12: 160. 1855.
[Hack. speaks of these varieties]
"Guiana (Schomburgk no. 665) Mexico, Vera Cruz (Galeotti no. 5678), Chile (d'Urville)"
= *Imperata brasiliensis* Trin.
- Imperata arundinacea* "australis" Anderss. Övers. Vet.-Akad. Förh. Arg. 12: 160. 1855.
"Hab. Port Jackson (Ferd. Bauer) Nov. Holl."
Australia
- Imperata arundinacea* var. *condensata* (Steud.) Hack.
in DC. Monogr. Phan. 6: 94. 1889.
Based on "I. condensata Steud."
Cordilleras de Ranco. Chili. S. Amer. (Lechler nr. 831)
- Imperata arundinacea* var. *europaea* Anderss. Örv.
Svensk. Vet. Akad. Förh. 12: 159. 1855.
"Hab. in regionibus mediterraneis praecipue Europae australis."
- Imperata arundinacea* var. *genuina* Hack. in DC. Monogr. Phan. 6: 93. 1889.
Based on "I. arundinacea Cyr. s. str."
Italy
- Imperata arundinacea* var. *genuina* subv. *thunbergii* (Retz.) Hack. in DC. Monogr. Phan. 6: 94. 1889.
Based on "Sacch. Thunbergii Retz. Obs."
Ind. Or. (Thunberg)
- Imperata arundinacea* var. *glabrescens* Buse in Miquel, Fl. Jungh. 366. 1854.
"Habitat in Sumatrae graminosis vastis, Padang-lawas diotis, prope Pertibi. Horner in herb. Jungh."
- Imperata arundinacea* "hookeri" Rupr. ex Anderss. Örv.
Svensk. Vet. Akad. Förh. 12: 160. 1855.
[Given by Anderss. as "Ruprecht, herb. Vindob."]
[Hack. in DC. Monogr. Phan. cites this as above "I. arundinacea (d. americana hookeri" in his synonymy as var.
C. E. Hubbard disregards the "d. americana" and has hookeri as ssp. A.C. thinks Hubbard is correct and that "hookeri" does not go under americana but under arundinacea.
"Hab. in Texas (Drummond II. 283)."
= I. hookeri (Anderss.) Hack. In Manual I
= I. brevifolia Vasey 1886.
- Imperata arundinacea* var. *indica* Anderss. Örv. Svensk. Vet. Akad. Förh. 12: 160. 1855.
"Hab. in Africa australiori India orientali Klein. (Wight. 2351, 1680, Banks, Helser), Asia superiore (Hügel n. 3926), insulis Philipp. (Cuming n. 580, Haenke n. 180 Chamisso), Java (Hoffmannsegg, Zollinger 452), China (Meyen)."
- Imperata arundinacea* var. *Koenigii* (Retz.) Benth. Fl. Hongk. 419. 1861.
"I. Koenigii Beauv." cited. Presumably based on Saccharum Koenigii Retz.
Japan (Koenig)
- Imperata arundinacea* var. *Koenigii* subv. *glabrescens* (Buse) Hack. in DC. Monogr. Phan. 6: 95. 1889.
"I. arundinacea var. glabrescens Buse."
[Hackel cites Buse as author of subv. glabrescens]
Sumatrae....Padang-lawas, prope Pertibe, Horner in herb. Jungh.
Sumatra
- Imperata arundinacea* var. *latifolia* Hook. f. Fl. Brit. Ind. 7: 106. 1896.
"Tropical Himalaya, from Kumaon to Assam."
India
- Imperata arundinacea* var. *pedicellata* (Steud.) Debeaux, Recherches fl. Pyrénées-Orient. 1878.
- Imperata arundinacea* var. *Thunbergii* (Retz.) Stapf in Thiseit.-Dyer, Fl. Cap. 7: 320. 1898.
Based on Saccharum Thunbergii Retz.
Africa
- Imperata brasiliensis* Trin. Mém. Acad. St. Pétersb. VI Math. Phys. Nat. 2: 331. 1832.
"V. spp. Brasil."
- Imperata brasiliensis* mexicana Rupr. Bull. Acad. Sci. Brux. 2: 245. 1842, without descr.
"Erianthus asper Nees" cited as syn.
"(Col. H. Gal. No. 5678)" Zacuapan.
[Galeotti 5678 cited by Andersson in original descr. of I. arundinacea v. americana Anderss.]
= *Imperata brasiliensis* Trin.
- Imperata brevifolia* Vasey, Bull. Torrey Club 13: 26. 1886.
Southern California. Parish 1031 [type]; New Mexico, C. Wright 2001.
= I. hookeri Rupr. ex Anderss. In Man. I Valid Man. II.
- Imperata caudata* (G. Meyer) Trin. Mém. Acad. St. Pétersb. VI. Math. Phys. Nat. 2: 331. 1832.
Based on "Saccharum caudatum G. Meyer."
Guiana
= Imp. contracta (H.B.K.) Hitchc. In Grass. Brit. Guiana.
Trin. does not make Saccharum caudatum as Anderss.'s reference would indicate. Trin. gives Saccharum caudatum Meyer as syn. under his Imperata caudata which is 1st publ.--not made first by Anderss.
- Imperata caudata* Cyrillo in Chapm. Fl. South. U. S. ed. 2. 668. 1883. Not Trin. 1832.
South Florida
I. caudata misapplied by Chapm.
= I. brasiliensis Trin. Man. U. S.
- Imperata cheesemani* Hack. Trans. & Proc. N. Zeal. Inst. 35: 378. 1903*
"Kermadec Islands, leg. Cheeseman (Nro. 1001)"
"Hubbard, Imp. Agr. Bur. Joint Publ. no. 7: 6. 1944, gives date of publication as 1893. This must be an error. Letter of Hackel to Cheeseman, March 2, 1902 acknowledges package of N. Z. grasses from Cheeseman; letter of July 30, 1902 reports 200 species, among them "Imperata Cheesemani Hack. n. sp." Cheeseman 1001.---Letters lent by Auckland Herb. Inst. & Mus. Jan. 1952.---A.C.
New Zealand
- Imperata condensata* Steud. Syn. Fl. Olum. 1: 431. 1855.
"Hrbr. Lechler nr. 831. Cordilleras de Ranco, Chili."
- Imperata conferta* (Presl) Chui, Bot. Mag. Tokyo 55: 549. 1941.
Based on Saccharum confertum Presl
[I. exaltata var. gemina in Hack. Monogr.]
Sorzogon, Luzonias Philippine Isl. Haenke
- Imperata contracta* Hitchc. error in Dur. & Jacks. Ind. Kew. Supp. 1: 222 1901-1906. error for I. contracta q.v.
- Imperata contracta* (H.B.K.) Hitchc. Rep. Mo. Bot. Gard. 4: 146. 1893.
Based on Saccharum contractum H.B.K.
Colombia
- Imperata cylindrica* Baerach. Nom. ed. 3. 10. 1797, nom. nud.
"Regn. neap."
Italy
- Imperata cylindrica* (L.) Beauv. Ess. Agr. 8, 165, 166, 177. pl. 5. f. 1. 1812.
Based on "Saccharum cylindricum L." error for Lam. Lagurus cylindricus L.
[Europe] Man. U. S.
- Imperata cylindrica* var. *afriicana* (Anderss.) C. E. Hubb. Joint Publ. Imp. Agr. Bur. 7: 10. pl. 3. f. 2. 1944.
Africa
- Imperata cylindrica* (L.) Beauv. var. *condensata* (Steud.) Hack. in Stuck. Anal. Mus. Mar. Buenos Aires 21: 9. 1911. (III. 141)
Based on *Imperata arundinacea* (L.) Cyr. var. *condensata* (Steud.) Hack. which is based on I. condensata Steud.
Chile
- Imperata cylindrica* var. *glabrescens* (Buse) Chui, Acta Phytotax. & Geobot. 11: 147. 1942.
Based on I. arundinacea var. glabrescens Buse
"Habitat in Sumatrae graminosis vastis, Padang-lawas diotis, prope Pertibi. Horner in herb. Jungh."
Sumatra, Horner, Coll.
Asia
- Imperata cylindrica* var. *Koenigii* (Retz.) Benth. ex Pilger in Perkins, Fragm. Fl. Phil. 137. 1904, without descr. basis implied since Retz. is cited.
"Imperata cylindrica subvar. Koenigii Benth. Fl. Hongkong (1861) p. 419." Durand & Schinz, Conspec. Fl. Afr. 5: 694. 1894. In Benth. Fl. Hongk. 419 it is I. arundinacea--var. Koenigii l. Koenigii Beauv.
Presumably based on Saccharum Koenigii Retz.
Same comb. Druce, Rep. Bot. Soc. Exchange Club 1916: 628. 1917.
- Imperata cylindrica* subv. *Koenigii* (Retz.) Benth. ex Dur. & Schinz, Conspec. Fl. Afr. 2: 694. 1894.
Based on Saccharum Koenigii Retz. see var. Benth. ex Pilger in Perkins 1904.
India
- Imperata cylindrica* var. *major* (Nees) C. E. Hubb. in Hubb. & Vaughan, Grass. Maurit. & Rodriguez 96. 1940.
Based on I. Koenigii var. major Nees
prope Fakoskraal inter Ogasiana et Omaswube (Drège).
Africa
- Imperata cylindrica* f. *pallida* Honda, Journ. Pao. Sci. Univ. Tokyo Sect. III. Bot. 3: 374. 1930.
Honda: Shimura, prov. Musashi (M. Honda, anno 1925). Planta endemica.

Imperata cylindrica var. *parviflora* Batt. & Trab. Bull.
Soc. Bot. France 53: 32. 1906.

(See also: Maire, Bull. Soc. Hist. Nat. Afr. Nord
(Alger.) 23: 217. 1932.)

Chudeau 1905.

Ain Tazait, Hoggar, Africa
[Ahaggar]

Imperata cylindrica var. *thunbergii* (Retz.) Dur. &
Schinz, Consp. Fl. Afr. 5: 693. 1894.

Based on *Saccharum thunbergii* Retz.
India

Imperata dinteri Pilger, Bot. Jahrb. Engler 48: 342.
1912.

Deutsch-Südwestafrika: Okokongominja, im
Quellsumpf (Dinter n. 1767).

Africa

Imperata eulalioides Miquel, Ann. Mus. Bot. Lugd.
Batavi 2: 289. 1866.

[Japan]

Imperata exaltata (Roxb.) Brongn. in Duperrey, Bot.
Voy. Coquille 2^e: 101. 1831.

"Havre d'Offaok, île de Waigiou," Duperrey Voy.
Molucca.

"*Saccharum exaltatum* Roxb.," cited Not basis?

Imperata exaltata var. *angustifolia* Hack. in DC.
Monogr. Phan. 6: 99. 1889.

"In Peruvia orientali pr. Tarapoto (Spruce 4224)."
= *Imperata tenuis* Hack.

Andes Gr.

Imperata exaltata var. *caudata* Hack. in DC. Monogr.
Phan. 6: 99. 1889.

"*Saccharum caudatum* Mey. Prim. Essequ., p. 68;"
British Guiana

= *I. constricta* (H.B.K.) Hitchc.

Imperata exaltata ssp. *merrillii* Hack. Philippine
Journ. Sci. 1(Suppl.): 264. 1906.

"Luzon, Province of Benguet, Mount Tonglom (Santo
Tomas), (4813 Merrill) November 12, 1905."

Imperata filifolia Nees ex Steud. Syn. Fl. Glum.
1: 405. 1855.

"*I. Koenigii* nr. 8850 E. Wall, cat. Ind. ex."
list

East Indies

Imperata flavida Keng, Claves gram. prim. Sinclearum.
234. 1957. nom. nud.

China

Imperata hookeri (Anderss.) Hack. in DC. Monogr. Phan.
6: 97. 1889.

Presumably based on *I. arundinacea* d. americana
"hookeri" Rupr. ex Anderss.

Hab. in Texas (Drummond II. 283)

= *I. brevifolia* Vasey Man. II.

Hack. in DC. Monogr. Phan. 6: 97. 1889 gives after
sp. *I. hookeri*: "(Rupr. apud Andersson...160)." In
synonymy under this species he gives, "Imp. arundi-
nacea v. americana "hookeri" Anderss. l.c." Anders-
son has this "Imperata arundinacea d. americana
"hookeri" (Ruprecht, herb. Vindob.)."

Imperata jaculatoria (Lour.) Poir. in Roem. & Schult.
Syst. Veg. 2: 289. 1817.

Based on "*Saccharum jaculatorium* Lour."

Cochinchina

Imperata klaga Jungh. in Hooev. & De Vriese Tijdschr.
Nat. Gesch. 7: 296. 1840.

[Flora Javanicae]

Imperata Koenigii (Retz.) Pers. ex Beauv. Ess. Agrost.
165, 177. 1812.

Presumably based on *Saccharum* (Sec. *Imperata*)
Koenigii Retz. as given in Persoon, Syn. Fl. 103.
1805.

Saccharum Koenigii Retz. Obs. Bot. 5: 16. 1789.

Imperata Koenigii var. *maier* Nees, Fl. Afr. Austr.
1: 90. 1841.

"In valle prope Fakoskraal inter Ongaziana et
Omsamwubo alt. 1500-2000', (Drege)."

Africa

Imperata longifolia Pilger, Bot. Jahrb. Engler 30: 136
1901.

"Mattogrosso: auf feuchtem Sande am Ufer eines
kleinen Baches bei Cuyabá; Rasen zerstreut (n. 394-
April 1899)."

[Hermann Meyer, Coll.] T

Brazil

Imperata macilentia (Chauv. ex Steud.) Ohwi, Acta
Phytotax. & Geobot. 11: 146. 1942.

Based on *Saccharum macilentum* Chauv. ex Steud.

"Urville legit in Ins. Waigiou." "Waigiou" [Waigiou]
Molucca Isl.

Imperata minutiflora Hack. in DC. Monogr. Phan. 6: 100.
1889.

"In Peruvia prope Lima (Gaudich. in h. ber.,
Barranca in h. vind.)."

In T
Gr. Ecuador, Peru & Bolivia

Imperata ovata Tratt. Fl. Oesterr. pl. 80. 1816.

Given as "Tratt. Tabul. t. 569" in Roem. & Schult.

Syst. Veg. 2: 401. 1817, as synonym of "*Lagurus*
ovatus Willd. Spec. 1. p. 237" error for 543, and
"Willd" error for L.

Austria

Imperata pedicellata Steud. Flora 29: 22. 1846.

"die japanischen Gräser...der Göttinger" sehen
Sammlung."

Japan

= *I. arundinacea* var. *Koenigii* in Hack.

Imperata praecoquis Honda, Bot. Mag. Tokyo 53: 385.
1939.

"Kyusyu: Tmugi, prov. Higo (K. Mayabara, no. 3687,
anno 1939 -- typus in Herb. Imp. Univ. Tokyo)."

Japan

Imperata ramosa Anderss. Öfv. Svensk. Vet. Akad. Förh.
12: 158. 1855.

"Hab. in insula Luzon: (Cuming n. 1801.--Haenke, ad
Sorogon n. 179; et ad Singapore Indiae orientalis
(Cuming 2,411)."

Signature date is Mar. 14, 1855 for pp. 101-168.

Imperata robustior Chevalier, Rev. Int. Bot. Appl.

Agrio. Trop. 29: 114. pl. A. 1949.

"Synonyme: *I. cylindrica* var. *parviflora* Batt. &
Trab. Soc. Bot. France 53, 1906, p. XXXII (pro parte
also described by R. Maire, Mission au Hoggar (1933)
p. 53.

"Sahara central: Mouydir, Takoum banat, melangé à
a 1' *Erianthus parviflorus* Pilg. (R. Chudeau, sans no.
5 avril 1912, ---lac Tohad: Hadjer (Mission Aori-
dienna, B. Zolotarevsky, M. Murat, L. Dupont), 2
Mai 1935. --- (type I.) Tibesti: dans le oratère de
1' *Emi-Koussi* (général Tilho 1912-1917) ---
(type II) ---"

Africa

Imperata saccharifera Anderss. ex Benth. Journ. Linn.
Soc. Bot. 19: 65. 1881, nom. nud.

"North China"

= *Miscanthus sacchariflorus* (Maxim) Hack.

Imperata sacchariflora Maxim. (Prim. Fl. Amur: 331)

Mém. Acad. St. Pétersb. Sav. Étrang. 9: 331. 1859.

"Hab. Am südlichen Amur...zwei Tagereisen oberhalb
der Seungari-Mündung...; bei Aichon...Am Ussuri..."
East Siberia [Maximowicz, Coll? Other collections
also]

Imperata sape (St. Hil.) Anderss. Öfv. Svensk. Vet.
Akad. Förh. 12: 159. 1855.

Based on *Saccharum sape* St. Hil.

Brazil

Signature date is Mar. 14, 1855 for pp. 101-168.

Imperata ? sara (Roxb.) Schult. Mant. 2: 166. 1824.

Based on "*Saccharum sara* Roxb."

Calcutta - India

= *Saccharum sara* Roxb.

Imperata sieberi Opiz, Natural. n. 10: 190. 1825.

Imperata sisca Beauv. ex Steud. Nom. Bot. ed. 2.

1: 805. 1840, as syn. of *Saccharum cylindricum*

= *Imperata cylindrica* (L.) Beauv.

Imperata spontanea (L.) Beauv. Ess. Agrost. 8, 165.
1812.

Based on *Saccharum spontaneum* L.

= " " "

India

Imperata tenuis Hack. in DC. Monogr. Phan. 6: 689.
1889.

"Brasilia: in uliginosis prope S. João de El Rey
provino. Minarum (Glasziou n. 17442)."

Imperata ? thunbergii Beauv. Ess. Agrost. 165. 1812,
nom. nud.; (Retz.) Roem. & Schult. Syst. Veg.
2: 289. 1817.

Based on *Saccharum thunbergii* Retz.

[In Beauvois, *Saccharum thunbergii* Retz. is referred
to *Imperata cylindrica* instead of being given as
basis of *I. thunbergii*]

Imperata tinctoria Miquel, Ann. Mus. Bot. Lugd. Batavi
2: 289. 1866.

Based on "*Saccharum obscurum* Steud. emend. tinoto-
rium"

Java

doubtfully referred by Hackel to *Miscanthus*
tinctorius (Steud.) Hack.

Indocalamus acinotrichus (Merr. & Chun) McClure, Sunyatsenia 6: 32. 1941.

Based on *Arundinaria acinotricha* Merr. & Chun
Hainan, China

Indocalamus andropogonoides Hand.-Mazz. Anz. Akad. Wiss. Math. Naturw. (Wien) 62: 255. 1926.

"Prov. Yunnan orient.:...montis Belingschan ad oppidum Loping....(nr. 10, 141)
China

Indocalamus barbatus McClure, Sunyatsenia 6: 32. 1941.

"Kwangsai: Lo-Hsiang, Yao Shan, July 8, 1934, C. Y. Wang 5060, Type in Herb. Bot. Inst., Sun Yatsen Univ.
aff. *I. longiauritus* Hand.-Mazz.

Indocalamus basihirsutus McClure, Sunyatsenia 6: 35. 1941.

"Kwangtung: Ju District, Ts'ing K'ai Tung, 'shrub in open forest,' Oct. 13, 1936, Y. Li 2071, Type, in Lingnan University Herbarium."

Note by Dr. McClure that Handel-Mazzetti's No. 11372 distributed as *Phyllostachys Faberi* Handel may be a mixture containing also *I. basihirsutus* McClure.

aff. *I. acinotrichus* (Merr. et Chun) McClure.

Indocalamus confusus McClure, Lingnan Univ. Sci. Bull. No. 9: 20. 1940.

"*Arundinaria nitida* Mitford, sensu Stapf, Kew Bull. Misc. Inform. (109): 20. 1896, pro parte, quoad specimina sub A. Henry 6832 tantum, ceteris exclusis."

"Hupei: Pang Dist., 1'-2', on cliffs, altitude 6000-9500' March 1889, A. Henry 6832 (type) in the Herbarium of the Royal Botanic Gardens, Kew."

Indocalamus debilis (Thwaites) Alston, Suppl. Fl. Ceylon 6: 342. 1931.

Based on *Arundinaria debilis* Thwaites
Ceylon

Indocalamus dumosus (Rendle) Keng f. Techn. Bull. Nat. Forestry Research Bur. 8: 12. 1948.

Based on *Arundinaria dumosa* Rendle in Sargent.
China

Indocalamus Fargesii (E. G. Camus) Nakai, Journ. Arn. Arb. 6: 148. 1925.

Based on *Arundinaria Fargesii* E. G. Camus
China

Indocalamus floribundus (Thwaites) Nakai, Journ. Arn. Arb. 6: 148. 1925.

Arundinaria floribunda Thwaites
Ceylon

Indocalamus Herklotsii McClure, Lingnan Univ. Sci. Bull. No. 9: 22. 1940.

"Hong Kong (New Territories):...at about 500 m, entangled in mats of *Lepidosperma* growing on swampy loam, plants about 1 m high, of very slender and lax habit, with a few inflorescences, Oct. 5-13, 1938, McClure 20838 (type); "....

aff. *I. sinicus* (Hance) Nakai

Indocalamus latifolius (Keng) McClure, Sunyatsenia 6: 37. 1941.

Based on *Arundinaria latifolia* Keng.
Chekiang, China

aff. *I. pseudosinicus* & *I. longiauritus* Hand.-Mazz.

Indocalamus longiauritus Hand.-Mazz. Anz. Akad. Wiss. Math. Naturw. (Wien) 62: 254. 1926.

"Prov. Guizhou orient.:...inter urbem Quiyang ('Kweiyang') et vicum Gwanysinschan legi 6. VII. 1917 (nr. 10.598); in silvis umbrosis prope vicum Madjadwen inter opp. Guiding et Duyün...legi 9. VII. 1917 (nr. 10.643); infra oppidum Sandjiang...Prov. Hunan austro-occ.:...in monte Yun-schan ad urbem Wukang...nr. 12.256, Hand.-Mazz. coll.)...vicum Ludu (Laodao) versus urbem Hsinhwa."

China

Indocalamus Mairei (Hack.) McClure, Lingnan Univ. Sci. Bull. No. 9: 24. 1940.

Based on *Arundinaria Mairei* Hack. ex Hand.-Mazz. ... nom. seminud.

"Yunnan: 'Haute plateaux, Fe-long-tsin, 3600 m.' Aug. 1910, E. P. Maire, No. 7524 Ser. B (type) ex Herb. Hackel, in Herb. Mus. Palat. Vindob. Accon. 1916 No. 35384. On the same sheet as Maire No. 7536 Ser. B. without notes. It represents the same species."

Indocalamus migoi (Nakai) Keng f. in Keng, Claves gram. prim. Sinicarum 1: 152. 1957.

Based on *Sasamorpha Migoi* Nakai, 1939.

Prov. Chekiang--Mt. Hsi-tienmu-shan, China.

Indocalamus nannius McClure, Lingnan Univ. Sci. Bull. No. 9: 25. 1940.

"Kwangtung: Ts'ing-yuen Dist., Heung Lo Keuk village, wild in an open valley near stream, sterile specimen without culm sheaths, March 14, 1925, LU 13286 (McClure) and BG 1193 (living type) in the Lingnan University Bamboo Garden, from which additional specimens have been collected under McClure 20624 (type) and H. Fung 20544 and 20887."

Indocalamus miitakayamensis (Hayata) Nakai, Journ. Arn. Arb. 6: 148. 1925.

Based on *Arundinaria miitakayamensis* Hayata

Indocalamus oiwakensis (Hayata) Nakai, Rika Kyōiku 15: 67. 1932, without descr.

Presumably based on *Arundinaria oiwakensis* Hayata, (Hayata given in parenthesis)

Formosa

Indocalamus pallidiflorus McClure, Lingnan Univ. Sci. Bull. No. 9: 26. 1940.

"Kwangtung: Tseng-oh'eng Dist., Nasa Kw'an Shan, 'flowers pale,' April 12, 1932, W. T. Tsang 20216 (type)."

Indocalamus parvifolius (Hack.) Keng f. Techn. Bull. Nat. Forestry Research Bur. 8: 12. 1948.

Based on *Arundinaria parvifolia* Hack. apud Keng, 1936.

China

Indocalamus pedalis (Keng) Keng f. Techn. Bull. Nat. Forestry Research Bur. 8: 12. 1948.

Based on "*Arundinaria pedalis* Keng 1949" error for 1946

China

Indocalamus pseudosinicus McClure, Sunyatsenia 6: 37. pl. 8. 1941.

"Hainan: Pao-Ting Dist., Hing Lung Market, Long Min Tin Village, Ng T'iao Song, in forest at an altitude of about 2100 ft., plants 2 m high, July 17, 1935, F. C. How 73208, TYPE, in Herb. Bot. Inst. SIS."

aff. *I. sinicus* (superficial resemblance)

Indocalamus pubiflorus (Keng) Keng f. Techn. Bull. Nat. Forestry Research Bur. 8: 12. 1948.

Based on *Arundinaria pubiflora* Keng, 1936.

China

Indocalamus rigidulus (E. G. Camus) Nakai, Journ. Arn. Arb. 6: 148. 1925.

Based on *Arundinaria rigidula* E. G. Camus
China

Indocalamus scariosus McClure, Lingnan Univ. Sci. Bull. No. 9: 27. 1940.

"Shensi: Northern slope of Chung-nan-shan, at 1400m, June 6, 1933, H. W. Kung 2700 ex Institute of Botany Nat. Acad. Peiping (LU 110129, type)."

Indocalamus sinicus (Hance) Nakai, Journ. Arn. Arb. 6: 148. 1925.

Based on *Arundinaria sinica* Hance
Hong-Kong

Indocalamus tessellatus (Munro) Keng f. in Keng, Claves gram. prim. Sinicarum 1: 152. 1957; Acta Phytotax. Sinica 6: 355. 1957.

Based on *Bambusa tessellata* Munro.

China

["leaves only. Type seen at Brit. Mus. Aug. 1935. Photo "China" only note it bears"--McClure on type of *Bambusa tessellata* Munro.]

Indocalamus varius (Keng) Keng f. in Keng, Claves gram. prim. Sinicarum 1: 152. 1957.

Based on *Arundinaria varia* Keng.

China

Type in Herbarium of---College of Agriculture, Nat. Univ. Chekiang, Hangchow, no. 116 or the recent accession no. 363,---Ke-ling, West Lake, Hangchow, June 16, 1931, K. K. Tsoong(?)

Indocalamus victorialis Keng f. "mod." Techn. Bull. Nat. Forestry Research Bur. 8: 12. 1948. [error for ined.] nom. nud.

see same 1951, described.

Indocalamus victorialis Keng f. Acta Phytotax. 1: 121-122. pl. 7. 1951.

Indocalamus victorialis Keng f., Nat. For. Res. Bur. China Techn. Bull. 8: 12. 1948, nom. nud.

Keng f. 3907, Typus---Keng f. 3906.
Szechuan, China

Indocalamus walkerianus (Munro) Nakai, Journ. Arn. Arb. 6: 148. 1925.

Based on *Arundinaria walkeriana* Munro
Ceylon

Indocalamus wightianus (Nees) Nakai, Journ. Arn. Arb. 6: 149. 1925.

Arundinaria wightiana Nees
Peninsula Indiae orientalis Herb. Wight.

Indocalamus wightianus var. *hispidus* (Steud.) Nakai, Journ. Arn. Arb. 6: 149. 1925.

Based on *Arundinaria hispida* Steud.
Nilagiri, India

Indochloa clarkei (Hack.) Bor, Kew Bull. 1954: 76. f.1. 1954.

Based on *Andropogon clarkei* Hack.

India orient: Parashmath, 4200' Hazaribagh, leg. C. B. Clarke, nr. 33780.

- Indochloa oligantha* (Hookst.) Bor, Kew Bull. 1954: 79.
f.2. 1954.
Based on *Andropogon oliganthus* Hookst. ex Steud.
Syn. Fl. Glum 1: 368. 1854
[*Heteropogon oliganthus* (Hookst.) Blatt. et McCann
in Journ. Bomb. Nat. Hist. Soc. 32: 368. 1928.]
Ind. Or.: Madras State, Nilgiris, near Kaity,
Hohenacker 1288 (co-typus in Herb. Kew.).
- Indopoa paupercola* (Stapf) Bor, Kew Bull. 1958: 225.
1958.
Based on *Tripogon pauperculus* Stapf.
"India - Crest of Western Ghats near Poona."
Woodrow
- Indosasa angustata* McClure, Journ. Arn. Arb. 23: 93.
1942.
"Type: W. T. Tsang 300050, collected June 18, 1940,
near Lung Waan. ..." French Indo-China.
- Indosasa crassiflora* McClure, Lingnan Univ. Sci. Bull.
No. 9: 29. 1940.
"Tonkin: Ha-coi, Taai Wong Ma Shan and vicinity,
near Chan Uk village, "plants about 5 m tall, fairly
common in thicket on dry clayey soil; flowers
(anthers!) light yellow, fragrant," June 12, 1939;
W. T. Tsang 29205 (type)."
- Indosasa gibbosa* (McClure) McClure, Journ. Arn. Arb.
23: 93. 1942.
Based on *Sinebambusa gibbosa* McClure
"Tonkin: Ha-coi----W. Tsang 29003; ---W. T. Tsang
29125 (type)."
- Indosasa hispida* McClure, Lingnan Univ. Sci. Bull.
No. 9: 31. 1940.
"Kwangtung: Lung-men Dist., Naam Kw'an Shan, April
28, 1932, W. T. Tsang 20361 (type)."
China
aff. *I. crassiflora* McClure
- Indosasa shibatasaeoides* McClure, Lingnan Univ. Sci.
Bull. No. 9: 32. 1940.
"Kwangtung: Loh Pau Mt., Ha Tsz Kap, August, 1934,
Metcalf 17789 (type); Metcalf 17402, from Monk's
pool, July 1934, apparently represents the same
species."
China
- Indosasa selearis* McClure, Journ. Arn. Arb. 23: 94.
1942.
"Type in U. S. National Herbarium, no. 1610012,
collected in December 1930, by Petelot (no. 4287)...
at an altitude of about 1000 m. on the Vam Dao
massif, Tonkin."
French Indo-China
aff. *I. crassiflora* McClure
- Indosasa tintilimba* McClure, Lingnan Univ. Sci. Bull.
No. 9: 33. 1940.
"Kwangtung: Teh-k'ing Dist., Shek Kong Haang, plant
introduced into Lingnan University Bamboo Garden
Feb. 3, 1925, as BO 1116-C (living type) from which
herbarium specimens were collected April 23, 1936,
H. Fung 20882 (type)."
- Isachne phalaroides* Ten. Cat. Fl. Hort. Neap. 53. 1813.
= *Beckmannia erucaeformis* (L.) Hookst.
= *B. syzigachne* (Steud.) Fern.
- Ipomoea mendocina* R. A. Phil. Anal. Univ. Chile 36: 211.
1870.
["Ceroa de Mendoza i en los caminos que conducen
de Chile a esa ciudad." From title]
= *Leptochloa dubia* Man. U. S.
Argentina
- Irulia travancorica* Bedd. Forest. Man. Bot. 235. 1873,
as syn. of *Beesha Travancorica* Bedd.
= *Melocoma travancorica*
- Isachne adistans* (Steud.) Miquel, Fl. Ind. Bat.
3: 461. 1855.
Based on *Panicum adistans* Steud.
Malacca, Herb. Cuming 2288
- Isachne aethiopica* Stapf & Hubbard, Kew Bull. Misc.
Inf. 1933: 300. 1933.
"Tanganyika Territory: Amani, common in cleared
areas in evergreen rain forest, Greenway 1671
(type)."
Africa
aff. *I. mauritanica* Kunth
- Isachne albens* Trin. Gram. Icon. 1: 8. pl. 85. 1827.
"Specimen Nepalense."
Nepal. India
- Isachne albens* var. *elatuscula* (Ohwi) Jansen,
Reinwardtia 2: 280. 1953.
Based on *Isachne elatuscula* Ohwi, Bot. Mag.
Tokyo 56: 5. 1942
New Guinea, Arfak Mts., Kanehira & Hatusima 14019
(type)
- Isachne albens* var. *hirsuta* Hook.f. Fl. Brit. Ind.
7: 23. 1896.
List
"Isachne, Wall. Cat. n. 8657.--Silhet de Silva.
Cachar, Keenan."
India
- Isachne albens* var. *magna* (Merr.) P. Jansen, Rein-
wardtia 2: 280. 1953.
Based on *Isachne magna* (Merr.) Merr., Philip.
Journ. Sci. 5: 327. 1910
Philippines, endemic and rather common,
Merrill 4541.
- Isachne albens* var. *sylvestris* (Ridl.) P. Jansen,
Reinwardtia 2: 280. 1953.
Based on *Isachne sylvestris* Ridl., Journ. Straits
Br. roy. As. Soc. 44: 206. 1905
Malay Peninsula: endemic and rather rare in lowland
woods, Telok Sera, Ridley 7265 (type).
- Isachne albomarginata* P. Jansen, Reinwardtia 2: 279.
1953.
Borneo, Mt. Kinabalu, Clemens 30270 (type).
- Isachne albomarginata* var. *hirsuta* P. Jansen,
Reinwardtia 2: 279. 1953.
Borneo: Liang Gagang, Hallier 2897 (type; Herb.
Lugd. Bat.)....
- Isachne altissima* Debeaux, Act. Soc. Linn. Bordeaux
30: 122. 1875.
"Hab.: Shang-hai.- Bord des canaux d'irrigation,
des fosses aquatiques,"....
China
- Isachne Angladii* C.E.C. Fisch. Kew Bull. Misc. Inf.
1932: 323. 1932.
"South India. Palni Hills, Shembaganur, 6000 ft.,
L. Anglade 914 (type)."
aff. *I. himalaica* Hook.f.
- Isachne angolensis* Rendle, Cat. Afr. Fl. Welw.
2: 166. 1899.
"Huilla.--Damp rocks at Morro de Lopelle....
No. 7499."
Angola, Africa
- Isachne angusta* Nees ex Steud. Syn. Fl. Glum. 1: 96.
1854, as syn. of *Panicum stenanthum* Steud.
Madagascar
- Isachne angusta* Stapf, Kew Bull. Misc. Inf. 1920: 28.
1920.
"Bourbon. Without precise locality, Balfour."
Reunion Isl. Africa
- [a]
Isachne angustifolium Nash, Bull. Torrey Club
30: 377. 1903.
"On the summit of El Yunque, Luquillo mountains,
Porto Rico, Wilson, no. 160."
Philippine Isl.
T U.S.
- Isachne arfakensis* Ohwi, Bot. Mag. Tokyo 56: 4. 1942.
"No. 13588 Kanehira-Hatusima, Angi, Arfak Mts., in
open marsh by the Lake Gita, alt. 1900 m., April
5, 1940."
New Guinea
- Isachne arisanensis* Hayata, Icon. Fl. Formos. 7: 57.
fig. 29. 1918.
"Hab. Arisan: Mingetsu, locus umbrosus 7000 ped.
alt., April 1916. leg. B. Hayata."
Formosa
- Isachne arundinacea* (Swartz) Griseb. Fl. Brit. W. Ind.
553. 1864.
Based on "*Panicum* [arundinaceum] Sw.!"
Jamaica
- Isachne ascendens* Swallen, Journ. Washington Acad.
Sci. 26: 537. 1936.
"Type in the U.S. Nat. Herb. no. 1645231, collected
in sentiers dans les Savanes herbeuses, Massif du
Sang...Van Nus, 1600 m, Chapa, Tonkin", Indo-China,
July, 1936, by A. Petelot (no. 5617)."
- Isachne atrovirens* (Trin.) Trin. Gram. Pan. 251. 1826.
Based on "*Panicum atrovirens* Trin."
Ind. Or. (Jacquin Coll. Banks Herb.)
- Isachne australis* R. Br. Prodr. Fl. Nov. Holl. 1: 196.
1810.
[S.E. of Port Jackson "inclusis ripis aestuarii
Hunter's River vel Coal River (page VI in
Praemonenda)]
[S.E. Australia]
- Isachne australis* var. *effusa* (Trin.) Hook.f. Fl. Brit.
Ind. 7: 25. 1896.
"var. *effusa*, Trin. Cat. Ceyl. Fl. 104.---Ceylon;
Peradeniya, Trimen" cited. nom. nud. in Trimen.
l.o. 1885.
Ceylon

Isachne australis var. *multiflora* Thwaites, *Rum. Pl. Zeyl.* 361. 1864.

"Oeva District at an elevation of 5000 ft."
Basis of *I. multiflora* (Thw.) Trimen
Ceylon

Isachne beneckeii Hack. *Oesterr. Bot. Zeitschr.* 51: 459. 1901.

"Java: prope Frigen et Tosarie leg. Benecke anno 1891."

Isachne beneckeii var. *depauperata* Hack. ex Merr.
Philippine Journ. Sci. 1(Suppl.): 350. Dec. 1906.
"Forma depauperata Hackel, n. var. in herb."

Luzon, Dist. of Lepanto, Mt. Data, Philippines
Merrill 4489
U.S. T.

[*I. depauperata* Merr. based on this]

Isachne beneckeii var. *magna* Merr. *Philippine Journ. Sci.* 1(Suppl.): 350. Dec. 1906.

Biol. Lab. Manila

Luzon, Dist. of Lepanto, Mount Data, Philippines
Merrill 4541
U.S.

[*Isachne magna* Merr. based on this]

Isachne biflora (Lam.) Kuntze, *Rev. Gen. Pl.* 12: 778. 1891.

Based on *Panicum biflorum* Lam.

Ex insula Franciae

[Mauritius - Afr.]

Isachne bomoensis Vanderyst, *Bull. Agr. Congo Belge* 16: 689. 1925. description in French

Bomo-les-Tues, 5509, juin-juillet 1915 (Vanderyst et Lambrette).

Congo Belge

Africa

Isachne Bourneorum C.E.C. Fisch. *Kew Bull. Misc. Inf.* 1932: 324. 1932.

"South India, Palni Hills: Kodaikanal, 6500 ft., Sir A. G. and Lady Bourne 2491 (type)."

aff. *I. Kunthiana* Nees

Isachne brachyglumis Hochst. ex Hook.f. *Pl. Brit.*

Ind. 71: 271. 1896, as syn. of *Coelachne pulchella* var. *simpliciuscula* Hook.

"in Hohen. Pl. Nilgh. n. 1283"

= *Coelachne pulchella* var. *simpliciuscula*

[Nilgiri] India

Isachne brassii Hitchc. *Proc. Linn. Soc. N.S.W.* 54: 146. 1929.

"Type in U. S. National Herbarium, No. 1385088, collected in swamps, Ihu, Vailala River, Papua, Feb. 20, 1926, by L. J. Brass (no. 1018)."

[British New Guinea]

Isachne Brassii var. *villosa* Hitchc. *Brittonia* 2: 123. 1936.

"Type, Brass 4132, collected May 29, 1933, along roadside, Mt. Tara, Central Division, alt. 2100m."

Papua

Isachne Brixhii Vanderyst, *Bull. Agr. Congo Belge* 16: 688. 1925.

"Congo- Kala, 27 février 1910 (Brixhe)."

Africa

Isachne buettneri Hack. ex Buettn. *Verh. Bot. Ver.* Brand. 31: 69. 1889.

"Gebuni: Weg zur alten Farm in Sibange October 1884. (No. 560)."

French Congo

Isachne caillei Chevalier, *Rev. Bot. Appl.* 14: 41. 1934.

"Guinée française: Dalaba, dans le lit du Mafin (Caille) 18139."

Africa

Isachne carolinensis Ohwi, *Bot. Mag. Tokyo* 55: 540. 1941.

Cites: "*Isachne firmula* (non Buse) Hosokawa, *Journ. Sci. Trop. Agr.* 7(1935): 317." [Buse misappl. by]

"Ponape (S. Hatusima n. 10878, typus), do. (S. Hatusima 10898)."

Caroline Isls.

Isachne cerma C. Cordem. in E. Cordem. *Pl. Ile Reunion* 115. 1895.

"Rare. Altitude 3 à 600 mètres." "Ile de la Reunion."

= Bourbon Is.

Africa

Isachne chevalieri A. Camus, *Bull. Mus. Hist. Nat.* Paris 25: 367. 1919.

"Annam: massif du Lang bien entre Klan et Danhim... (A. Chevalier, no. 30,940)."

Asia

Isachne chinensis Merr. *Philippine Journ. Sci. Bot.* 12: 102. 1917.

"Loh Pau Mountain (Lofaushan), Merrill 10182, October 28, 1916, on open slopes and along small streams."

China

Isachne ciliaris Boiv. ex A. Camus, *Bull. Soc. Bot.* France 73: 917. 1926.

[72]

"Nossi-bé, Sainte-Marie de Madagascar (Boivin)."

Isachne ciliatiflora Keng, *Claves gram. prim. Sinicarum* 218. 1957. nom. nud.

China

Isachne clarkei Hook.f. *Pl. Brit. Ind.* 7: 24. 1896.

"Sikkim Himalaya;on Kohima....Clarke."

India

Isachne clementis Merr. *Journ. Straits Branch Royal Asiat. Soc.* 76: 76. 1917.

"British North Borneo, Mount Kinabalu, Kamberanga, alt. about 2100 meters, Clemens 10503, Nov. 15, 1915."

Isachne clementis var. *vulcanica* (Merr.) P. Jansen, *Reinwardtia* 2: 282. 1953.

Based on *Isachne vulcanica* Merr., *Philipp. Journ. Sci.* 5: 169. 1910.

Philippine Isls.

Isachne cochinchinensis Balansa, *Journ. de Bot.* 4: 137. 1890.

"Talus du canal de ceinture de Tong-Léou (Cochinchine) (Lefebvre, 213)."

Tonkin

Isachne comata Munre ex Hack. in Hook. *Icon. Pl.* 19: pl. 1866. 1889.

"Hab. Aneitum, in planitie frequens, Milne."
Loyalty Isls.

Isachne commelinifolia Warb. in Fedde, *Repert. Sp. Nov.* Fedde 16: 352. 1920.

"Liu-kiu-Insel Iriomoto, Waldpflanze (O. Warburg)."
Japan

Isachne conferta Merr. *Philippine Journ. Sci. Bot.* 9: 261. 1914.

"Luzon, Province of Laguna, Dahioan River bank of San Antonio, Bur. Sci. 14914. Ramos, June 1912, on stones along the river."

Philippine Is.

US T

Isachne confusa Ohwi, *Bull. Tokyo Sci. Mus.* no. 18: 14. 1947.

Cites: "*Isachne firmula* (non Buse) Hitchc. ...I. Rhignon Ohwi ...excl. syn."

"Sumatra (Ins. Bangka, Bismemeljer, 1577 in Herb. Bogor.), Borneo, Micronesia, New Guinea to Australia."

Compared with *I. pilulifera*

Isachne debilis Rendle, *Journ. Linn. Soc. Bot.* 36: 322. 1904.

"Formosa: Tamsui (Oldham, 6051). Mus. Brit.; Herb. Kew."

Isachne debilis var. *incrassata* Hack. *Philippine Journ. Sci.* 1(Suppl. 4): 268. 1906.

"Mindanao, District of Davao, Mount Apo (358 De Vere & Hoover) May, 1903."

Philippines

Isachne deccanensis Bor, *Kew Bull.* 1949: 95. 1949.

"South India. Nilgiris, Ootacamund Downs, Aug. 1881. Gamble, 15290 (typus in Herb. Kew.); Fyke, June 1900, Bourne; June 1940, Barnes."

Isachne depauperata (Hack.) Merr. *Rum. Philippine Pl.* 1: 58. 1922.

Isachne beneckeii forma *depauperata* Hack.

Luzon (Merrill 4489)

Philippines

Isachne diabolica Ohwi, *Bull. Tokyo Sci. Mus.* no. 18: 14. 1947.

"Sumatra occident. (G. Koerintji, Bismemeljer 8739, in Herb. Bogor.)."

"Habitat *I. albertis*....aff. *I. globosa*"

Isachne dimyloides Bor, *Kew Bull. Misc. Inf.* 1949: 96. 1949.

"India. Sikkim Terai, Dulkajhar, 200 m., 16 Oct. 1884, C. B. Clarke 36764 (typus in Herb. Kew.)."

Isachne dieica Swallen, *Journ. Washington Acad. Sci.* 26: 537. f. 2. 1936.

"Type in the U.S. Nat. Herb. no. 1645232, collected in Riziére argilo-calcaire abandonnée, Village de Van Huan, Province de Quang Binh, Annam. Indo-China, February 26, 1936, by A. Petelot (no. 5634)."

Isachne dispar Trin. Gram. Icon. 1: pl. 86. 1827.

"Specimen Nepalese."

India

Isachne dispar var. *villosa* C.E.C. Fisch. in Gamble, Fl. Pres. Madras 10: 1797. 1934.

"High Wavy Mountains (Blatter and Hallberg)."

Wavy Mts., Madras

India

Isachne disperma (Lam.) Doell in Mart. Fl. Bras. 2: 274. 1877.

Based on "*Panicum dispernum* Lamarck."

Amer. merid. (D. Richard)

South Amer.

Isachne distichophylla Munro, Journ. Bot. Brit. & For. 7: 178. 1869, nom. nud.; Munro ex Hillebr. Fl. Hawaiian Isl. 504. 1888.

[Hillebr. Cites: "Munro... (name only)"]

"In the forests of all islands."

Hawaii Isl.

Isachne ? dubia Kunth, Rev. Gram. 1: 42. 1829, without descr., but cites basis; Enum. Fl. 1: 137. 1833.

Based on *Panicum dispernum* Lam., acc. to A.S.H. [Lam. Tabl. Encycl. 1: 173]

Kunth cites *Panicum dispernum* Lam. and also quotes Lam. "a description with 'Lam.' after it, but Lam. III. does not have for foliis 'nervosis' but this given in descr. in Lam. Encycl."

"America meridionalis.---In herbario Richardi non amplius suppetit."

South America

Isachne Sberhardtii A. Camus, Bull. Mus. Nat. Hist. 25: 671. 1919.

"Annam: pr. Quang-tri, vallée de la haute rivière de Cu-bi (Sberhardt, no. 1984)." [Asie Orientale]

Isachne elatior Hook.f. Fl. Brit. Ind. 7: 22. 1896.

"Ceylon, Gardner; Newera Ellia, Thwaites (CP. 314)."

Asia

Isachne elatiuscula Ohwi, Bot. Mag. Tokyo 56: 5. 1942.

"Nos. 14019 (type)...Kamohira-Hatusima, Angi, Arfak Mts., in open marsh by the Lake Giji, alt. 200 m., April 7, 1940."

New Guinea

Isachne elegans Dals. in Dals. & Gibs. Bomb. Fl. 291. 1861.

"On the margins of rivulets in the Deccan."

India

Isachne elegans C. Cordem. in E. Cordem. Fl. Ile Reunion 115. 1895. Not Dals. 1861.

"Rare. Plaine des Palmistes."

Reunion Isl. = Bourbon

Africa

Isachne Fauriei Ohwi, Bot. Mag. Tokyo 45: 386. 1931.

"Hab. Formosa; Shinten (Faurie n. 119)."

by P. R. M. in Roxb
or P. R. M. in Trin

Isachne filifolia Franch. Bull. Soc. Hist. Nat.

Autun 8: 340. 1893.

"Hab.--Gaben, plaine de Denys (Griffon de Bellay, n. 265)."

French Congo, Africa

Isachne firmula Buse, in Miquel. Fl. Jungh. 379. 1854.

"Habitat insulam Javae, in monte Ungaran,...et in summo caesamine montis Kawi,...Jungh."

Java

Isachne firmula var. *marginata* Buse in Miquel, Fl. Jungh. 379. 1854.

"Habitat insulam Javae. Jungh."

Isachne fischeri Bor, Kew Bull. Misc. Inf. 1949: 69. 1949.

"India: Madras: summit of Anaimudi, Travancore High Range, 2900 m., Sept. 1933, E. Barnes (typus in Herb. Kew.)"

Isachne gardneri Benth. & Hook.f. Gen. Fl. 3: 1100.

1883. Not pub. here. See Jacks. Ind. Kew. 18: 1232

1893. Benth. & Hook.f. cited as authors.

Benth. & Hook. p. 1100

"*Panicum Gardneri*, Thw. Enum. Fl. Zeyl. 359" to

"*Isachne Walkeri*, Wight, simillimum est.---

[not *Isachne*, see *Panicum gardneri* Thwaites in Herb. U. S. AC] and *I. walkeri*

Ceylon

Isachne geniculata Griffith, Not. Fl. Asiat. 3: 41.

1851; Icon. Fl. Asiat. 148. fig. 1 [error]. 1851.

"Bengal. Prope Osunpoor: September 27th, 1835."

India

Isachne glaucescens (H.B.K.) Pittier, Minist. Agr. & Cria Bol. Tec. (Venez.) 1: 49. 1937.

Based on *Panicum glaucescens* H.B.K.

= *Isachne arundinacea*

Isachne globosa (Thunb.) Kuntze, Rev. Can. Fl. 18: 778. 1891.

Based on "*Milium* gl. Thbg."

Japan

Isachne globosa var. *brevispicula* Ohwi, Acta Phytotax. & Geobot. 11: 54. 1942.

"Typus: Formosa: Sekiteisho-Kanke in Taihokushu (S. Hatusima n. 2695)."

Isachne globosa var. *oiliaris* Ohwi, Bot. Mag. Tokyo 55: 540. 1941.

"Truk (S. Hatusima n. 10710)."

Carolina Islands, Micronesia

Pacific Ocean

Isachne globosa var. *daviumbuense* P. Jansen, Reinwardtia 2: 282. 1953.

New Guinea, Lake Daviumbu, Brass 7602 (type; Herb. Lugd. Bat.).

Isachne globosa var. *effusa* (Trim. ex Hook.f.)

Senarathna, Grasses Ceylon 109. 1956.

Based on "*Isachne globosa* var. *effusa* Trim. [Syst. Cat. Ceylon Fl. 104. 1885, nom. nud.]; ex Hook.f. Fl. Brit. Ind. 7: 25. 1896."

Ceylon

Isachne globosa var. *obscura* (Buse) Henr. Blumea 3: 465. 1940.

Based on *Isachne miliacea* var. *obscura* Buse

Sumatra

Isachne Gossweileri Stapf. & Hubbard, Kew Bull. Misc. Inf. 1933: 301. 1933.

"Angola: Cuanza Norte; sources of the River Bengo, Camabatela,...Gossweiler 7334."

Africa

Aff. *I. kiyalaensis* Robyns

Isachne gracilis C. E. Hubb. Kew Bull. Misc. Inf. 1927: 77. 1927.

"India. Mysore: Baba Budan Hills, Santaveri, 4000 ft. in deep shade on rocks, Meebold 10781."

Isachne grisea Schum. in Schum. & Laut. Nachtr. Fl. Deutsch. Schutzgeb. Sudsee 57. 1905.

"Kaiser-Wilhelmsland: Bismarckgeb....(Schlechter n. 14054...)"

New Guinea

Isachne guineensis Stapf & Hubbard, Kew Bull. Misc. Inf. 1933: 302. 1933.

"French Guinea: between Mali and Mt. Loura, in a stream, ..Chevalier 34601."

Africa

aff. *I. kiyalaensis* Robyns

Isachne hackelii Lindm. Svensk. Vet. Akad. Handl. 34(6): 11. pl. 5. 1900.

"Hab. in Brasilia australi ...Exp. I. Rognell, A. 595."

[coll. Lindman]

[= *Briza poaeomorpha* fide A.C.]

Isachne heterantha Hayata, Icon. Fl. Formos. 7: 56. f. 28. 1918.

"Hab. Taihoku, Mentenzan, leg. Y. Shinada, Oct. 1913, (typus No. 1)."

Formosa

Isachne himalaica Hook.f. Fl. Brit. Ind. 7: 23. 1897.

"Western temperate and subtropical Himalaya; in wet places; Kumaon, Strach. & Winterb. Nepal, Wallich. Peshawar, Aitchison. Rajsori, Jacquemont. Khasia Hills in marshes,...Distrib. Afghanistan."

Asia

Isachne hirtissima A. Camus, Bull. Soc. Bot. France 73: 916. 1926.

"Madagascar: environs de Midongy; racailles démodées alt. 900 m. (Perrier de la Bâthie, no. 12523)."

Isachne hispidula Nees ex Steud. Syn. Fl. Glum. 1: 96. 1854, as syn. of *Panicum simpliciusculum* Wight & Arn.

= *Coelachne pulchella*

[Ceylon]

Isachne humbertiana A. Camus, Bull. Soc. Bot. France 99: 142. 1952.

Humbert & Capuron 24308 (type). environs d'Anton-gondriha.

illustr. Mém. Inst. scient. Madagascar ser. B. 6: 247. f. 1. 1-11. 1955.

Isachne humicola A. Camus, Mat. Malgache 3: 80, 82.

1951. name only

"Perrier de la Bathie"

"côte orientale, près de la rivière Simiana."

Madagascar

A. Camus, Mém. Inst. scient. Madagascar, Ser. B. 6: 246, 1955. described. "Environ d'Antalaha, Humbert & Capuron 21911, ... d'Andapa, bassin de la Lokoho--Ankobahina, 450-550 m. alt. Humbert et Capuron 20037, 21998,--Les échantillons récoltés par Prof. Humbert permettront de compléter la description princeps."

"(avec les deux fleurs très semblables, contigues)" no description.

Isachne inorassata (Hack.) Merr. Philippine Journ.

Sci. Bot. 5: 168. 1910.

"*Isachne debilis* Rendle var. *inorassata* Hack."

Mindanao, District of Davao, Mount Apo (358 DeVore & Hoover)

Philippines

Isachne jardini (Steud.) Dur. & Schinz, Consp. Fl.

Afr. 5: 739. 1894.

Based on *Panicum jardini* Steud.

Guinea (Jardin) Africa

Isachne javana Nees ex Steud. Syn. Fl. Glum. 1: 96.

1854, as syn. of *Panicum bataviicum* Steud.; (Steud.)

Nees ex Miquel, Fl. Ind. Bat. 3: 462. 1855, described.

"*Isachne javana* Nees mss."

Based on "*Panicum bataviicum* Steud. ... 96... Java (Junghuhn)." Description apparently copied from Steudel with minor changes. A.C.

Malay Archipelago. Asia

Isachne javana var. *saxicola* Ridl. Journ. Feder.

Malay States Mus. 6: 196. 1915.

"Exped. to Gunung Tahan in July and Aug. 1912 carried out by the Feder. Malay States Mus. Coll. made by Ridley"

Malay Peninsula

Isachne kiduensis Vanderyst, Bull. Agr. Congo Belge

9: 247. 1918.

"Moyen--Kwilu." Congo Belge

Africa

Isachne kinabaluensis Merr. Journ. Straits Branch

Bot. Asiat. Soc. 76: 77. 1917.

"British North Borneo, Mount Kinabalu, Faka Cave to Lobang, between the altitudes of 1450 and 3000 meters, Clemens 10704, (type) Nov. 15, 1916..."

Isachne kinguensis Vanderyst, Bull. Agr. Congo

Belge 9: 247. 1918.

"Bas-Kasai" Congo Belge. Africa

Isachne kinshasensis Vanderyst, Bull. Agr. Congo

Belge 16: 689. 1925, without descr. Place only cited.

"Kinshasa, janvier 1918, 7014 (Vanderyst)."

Congo Belge, Africa

Isachne kiyalaensis (Vanderyst) Robyns, Bull. Jard.

Bot. Brux. 9: 199. 1932.

Based on *Panicum kiyalaense* Vanderyst

"Congo belge: Kisantu, 15 février 1916 (no. 5936); Kisantu, cultivée au jardin d'essais 1918 (Fr. Gillet)."

Africa

Isachne kunthiana Nees ex Steud. Syn. Fl. Glum. 1: 96.

1854 [as syn. *Panicum kunthianum* Wight & Arn.];

publ. as species Thwaites, Enum. Fl. Zeyl. 362.

1864. W. & A. as author.

Isachne kunthiana (Wight & Arn.) Thwaites is correct name and authority.

"Penins. Ind. Or."

Isachne kunthiana (Wight & Arn.) Thwaites, Enum. Fl.

Zeyl. 362. 1864.

Penins Ind. Or.

Isachne Kunthiana var. *denticulata* Ridl. Journ. Straits

Branch Roy. Asiat. Soc. No. 82. 203. 1920.

"Gunong Kerbau at 6,600 feet (Robinson); also Borneo, Mt. Kinabalu 8,000 feet (Haviland); Ceylon, (Thwaites 2754)."

Isachne kunthiana var. *elatio* (Hook.f.) Alston,

Suppl. Fl. Ceylon 6: 316. 1931.

Based on *Isachne elatio* Hook.f.

Ceylon, Gardner; Newera Ellia, Thwaites (CP.314)

Isachne kunthiana var. *latifolia* Hook.f. Fl. Brit.

Ind. 7: 22. 1896.

"Nilghiri Hills, Lawson; Anamellay Hills, Beddome."

India

Isachne kunthiana var. *nana* C.E.C. Fisch. in Gamble,

Fl. Pres. Madras 10: 1796. 1934.

Travancore on Anaimudi Peak at 8,840 ft. (Barnes).

[cited as syn. of *Isachne fischeri* Bor, Kew Bull. Misc. Inf. 1949: 69. 1949.]

India

Isachne laevis Boiv. ex A. Camus, Bull. Soc. Bot.

France 73: 917. 1927. [Feb. 28.]

"Boivin in herb. Museum Paris."

"La Réunion (Boivin, no. 952)."

Reunion Isl. Mascarene group

Africa

Isachne ? lamarekii Kunth, Rév. Gram. 1: 42. 1829.

"*Panicum dubium* Lam. Encycl. [1798] *Panicum biflorum* Lam. Ill." [1791]

"Ile-de-France (Commerçon) [Mauritius]"

Isachne langkawiensis P. Jansen, Reinwardtia 2: 284.

1953.

Malay Peninsula, Langkawi Islands, Corner & Nauen 37959 (type; Herb. Singapore), on limestone at low altitude.

Isachne leersioidea Griseb. Mem. Amer. Acad. n. ser.

8: 533. 1862.

"Cuba. "(755)." Wright Man, U.S.

Isachne lepidota (Steud.) Walp. Ann. Bot. 1: 924.

1848-49.

Based on *Panicum lepidotum* Steud.

Japan (Goring'sohen Samlung)

Isachne ligulata Swallen, Caldasia 2: 305. 1943.

"Dept. Cauca: ...Custro Esquinas, Pennell & Killip 6343 (type, U.S. Nat. Herb.)."

Colombia. South Amer.

Isachne lisboa Hook.f. Fl. Brit. Ind. 7: 22. 1896.

"The Concan; Mahabeshwar, Lisboa."

India

Isachne longifolia C. Cordem. in E. Cordem. Fl. Ile

Reunion 115. 1895.

"Rare. Boucan. Lamay. Saint-Denis."

Reunion Isl. [Mascarene Group]

Africa

Isachne lutaria Santos, Journ. Washington Acad. Sci.

33: 140. f. 3. 1943.

"The type is in the herbarium of the University of Michigan, fragment of type in the U. S. National Herbarium, collected by E. W. Erlanson, no. 5190, January 8, 1934, at the edge of a paddy field, Trivandrum, Travancore, South India."

aff. *I. globosa* (Thunb.) Kuntze

Isachne lutchuensis Hatusima & Koyama, Journ. Jap.

Bot. 31: 235. f. 1. 1956.

"Liukiu: Is. Iriomote: in the primary forest along Nakara River, alt. 100 m. S. Hatusima 18762 (KAO)--Holotype."

Isachne magna (Merr.) Merr. Philippine Journ. Sci.

Bot. 5: 327. 1910.

Based on "*Isachne beneckeii* Hack. var. *magna* Merr."

Luzon, Dist. of Lepanto. Mount Dana (Merrill 4541)

Philippines

Isachne margaritifera Chiov. Nuov. Giorn. Bot. Ital.

n. ser. 26: 65. 1919.

"Catanga, Haut Marungu... (Bovone n. 66); plateaux des Biansos... (Bovone n. 81, 90); ...Ditungula. Lac Moero (S.E. Congo State, Africa)"

Robyns (Mem. Inst. Col. belge Sci. Nat. 16: 36. 1932)

bases *Panicum margaritifera* on this "p.p." - chooses *Bovone 81, 90* as "types" Robyns makes *Bovone 66* type of *Pan. marunguense* (Chiov.) Robyns

Isachne margaritifera var. *angustifolia* Chiovenda Nuove

Giorn. Bot. Italiano, n.s. 26: 77. 1919.

Ditungula, Lac Moero, n. 1350, plaines marécageuses peu communes 15, II 1914 (n. 14); (loc. for species no separate loc. for var. given.)

[S. E. Congo State, Africa]

Isachne mauritiana Kunth, Rév. Gram. 2: 243. pl. 33.

1830; Rév. Gram. 1: Suppl. 1830.

Cited in Suppl.: "*Panicum dubium* Lam. Encycl. ?--*Panicum biflorum* Lam. Ill.--*Isachne lamarekii* Kunth, Gram. I, 427)--*Insula Franciosa*."

Rév. Gram. p. 243 gives: "*Panicum dubium* Lam. Encycl. 4, p. 743? *Panicum biflorum* Lam. Ill. 1: p. 174?"

[same names and references cited without "?" sub I. lamarekii Kunth 1829.]

1 Ile de France (Commerçon)

Mauritius

Isachne mauritiana var. *Bojeri* C. E. Hubb. Kew Bull.

Misc. Inf. 1939: 654. 1939.

"Mauritius: Mt. Pouce, Ayres 43; without precise locality, Bojer (typus), Sieber II. 32."

Africa

Isachne mauritiana var. *hispidula* Hack. Journ. Linn. Soc. Bot. 29: 65. Aug. 22, 1891.

"Fort Dauphin, 2813!" [O. F. Scott Elliot Coll.] Madagascar.

Isachne mayocoensis Vanderyst, Bull. Agr. Congo Belge 9: 248. 1918.

"Moyen-Kwilu: Tangu, Mayoco." Congo Belge

Isachne Meeboldii C.E.C. Fisch. Kew Bull. Misc. Inf. 1932: 323. 1932.

"South India. Mysore: Shimoga, 2000-3000 ft., Oct. A. Meebold 10,747 (type)."

Isachne meneritana R. Br. Prodr. Fl. Nov. Holl. 196. 1810, nom. nud. See Poir. 1813.

Cites: "Herm. Zeyl. 24" [1717] In this is the following:
"Meneritana, Gramen Miliaceum folio hirsuto. Memeri Milium notat."

Insula Zeylanæ, Ceylon

Isachne meneritana Poir. in Lam. Encycl. Suppl. 3: 185. 1813.

"Cette plante croit à l'île de Ceilan. (Burm.)" Ceylon - Ind. Or.

Isachne meneritana var. *dispar* (Trin.) F. N. Williams, Bull. Herb. Boiss. II: 4: 222. 1904.

Based on *Isachne miliacea* var. *dispar* Hack. which is based on *Isachne dispar* Trin.

India

Isachne Metzii (Hochst.) Henr. Blumea 3: 467. 1940.

("Isachne metzii Hochst. in Hohen. Fl. Ind. Or. n. 1276" given as syn. of *I. Kunthiana* Wight & Arn. by Hook.f. Fl. Brit. Ind. 7: 21. 1896.)

Based on *Panicum Metzii* Hochst.

Isachne miorantha Merr. Philippine Journ. Sci. Bot. 5: 168. 1910.

"Luzon, Province of Cagayan, Mount Cueva, For. Bur. 16832, 16841 (type)" U.S. Philippines

Isachne miliacea Roth, Nov. Fl. Ind. Or. 58. 1821; Roem. & Schult. Syst. Veg. 2: 476. 1817.

amplified descr. in Schult. Mant. 2: 266. 1824.

R. & S. cite after description "Roth, nov. plant. Spec. mes." India Or.

Isachne miliacea var. *dispar* (Trin.) Hack. Bot. Tidsekr. 24: 96. 1901.

Based on "*I. dispar* Trin." Nepal, India

Isachne miliacea var. *javanica* (Buse) Henr. Blumea 3: 465. 1940.

Based on *I. minutula* var. *javanica* Buse

"insulam Javae, Zoll. No. 271 in herb. Acad. Lugd. Bat."

Malay Archipelago

Henrard told A.C. Buse does not take unlaut

Isachne miliacea var. *madurensis* F. Jansen, Reinwardtia 2: 285. 1953.

Madura (NE of Java), Backer (type; Herb. Bogor.) 20102.

Isachne miliacea var. *obscura* Buse in Miquel, Fl. Jungh. 378. 1854.

"Habitat insulam Sumatrae prope Padang. Jungh."

Isachne miliacea var. *ovalifolia* F. Jansen, Reinwardtia 2: 285. 1953.

Philippines, Luzon, B.S. 46990 (type; Herb. Univ. Calif.) [Bur. Sci.]

Isachne miliacea var. *stricta* Ridl. Trans. Linn. Soc. Bot. II. 9: 247. 1916.

Nassau Range. Dutch New Guinea

Isachne minutula Kunth, Rev. Gram. 1: Suppl. 1829. (Also Kunth, Rev. Gram. 2: 407. pl. 117. 1831).

Based on "*Panicum minutulum* Gaudich."--*Insulae Mariae-Aemae*" (Rev. Gram. gives basis)

[Ladrones, Asia]

Isachne minutula var. *javanica* Buse in Miquel, Fl. Jungh. 379. 1854.

"Habitat insulam Javae. Zoll. no. 271 in herb. Acad. Lugd. Bat."

Isachne monticola Buse in Miquel, Fl. Jungh. 379. 1854.

"Habitat insulam Javae, in planitie centrali cacuminis montis Mandalawangi, ...Jungh."

Java

Isachne mortehani Vanderyst, Bull. Agr. Congo Belge 16: 688. 1925.

"Congo.-- Dumdusana, 567, octobre 1913 (Mortehan)."

Africa

Isachne multiflora (Thwaites) Ferg. Journ. Roy. As. Soc. Ceyl. Br. VI. (pt. 21): 69. 1880.

Based on *I. australis* var. *multiflora* Thwaites ex Hook. f. in Trimen, Fl. Ceyl. 5: 127.

[*I. multiflora* Trin. Syst. Cat. Ceyl. Fl. 104. 1885 is citation in Trimen] Handbook Fl. Ceylon 5: 127. 1900-Ferg. 1880 earlier.

Ceylon

Isachne multiflora (Thwaites) Trimen, Syst. Cat. Ceyl. Fl. 104. 1885.

Based on *I. australis* var. *multiflora* Thwaites

"Oova District at an elevation of 5000 ft. Ceylon"

Isachne muricata (Retz.) Nees in Hook. & Arn. Bot. Beechey Vey. 236. 1836.

Based on *Panicum muricatum* Retz.

[India] misit Koenig

Isachne muscicola A. Camus, Bull. Soc. Bot. France 94: 41. 1947.

"Madagascar, Domaine central: Mont Tsaratanana, sous-bois herbeux de la forêt, vers 2000 m. d'alt. (Perrier de la Bâthie, no. 16.117); massif de L'Andringitra, alt. 1600 m. (Perrier de la Bâthie, no. 15.537); types; ...

Compares with *I. mauritiana* Kunth

Isachne myosotis Nees, Journ. Bot. Kew Misc. 2: 98. 1850.

"Insulae Philippinae. Cuming n. 947."

Isachne myosotis var. *miorantha* (Merr.) F. Jansen, Reinwardtia 2: 286. 1953.

Based on *Isachne miorantha* Merr., Philip. Journ. Sci. 5: 168. 1910.

Isachne myosotis var. *minor* Honda, Bot. Mag. Tokyo 38: 58. 1924.

"Kiusin: Ins. Yakushima (Y. Yoshii et A. Kimura) Liukim: in monte Yonahadake (Y. Tashiro)" Japan

Isachne myosotis var. *nudiglumis* Hack. Bull. Herb. Boiss. 7: 721. 1899.

"Monte Yonahadake---insulis Liu-Kiu...Tashiro lecta (ex collect, Matsumurae)"

Isachne neesiana Arn. ex Steud. Syn. Fl. Glum. 1: 96. 1854, as syn. of *Panicum cuspidigluma* Steud.

[Ceylon]

Isachne nervata Franch. Bull. Soc. Hist. Nat. Autum. 8: 340. 1893.

"Hab. Plaine de Mpila, près de Brazzaville (J. de Brazza et Thollon, n. 390)."

French Congo Africa

Isachne nilagirica Hochst. ex Benth. & Hook.f. Gen. Fl. 3: 1100. 1883, nom. nud.

[=gardeni = *Panicum* not *Isachne*]

Nilgiri. India]

Isachne nipponensis Ohwi, Acta Phytotax. & Geobot. 4: 30. 1935.

"Hab. Hondo (Shingu in Kii, leg. J. Ohwi et M. Tagawa n. 91--Typus)"

Japan

Isachne nipponensis var. *minor* (Honda) Memoto, Fl. Japan Suppl. 933. 1936.

Based on *Isachne myosotis* var. *minor* Honda

Kiusin: Ins. Yakushima Liukiu: monte Yonahadake

Japan

Isachne nodibarbatata (Hochst.) Henr. Blumea 3: 464. 1940.

Based on *Panicum nodibarbatum* Hochst.

Montes Nilagiri India Hrbr. Hohnkr. Ind. or 1275

Isachne obscurans Woodrow, Gard. Chron. III. 23: 161. 1898.

from "Jeur, in the Decoon, India."

Stapf says this is true *Panicum* (l.o.)

Isachne obtecta Beeder, Journ. Arn. Arb. 29: 313. 1948.

British New Guinea: Western Division: Palmer River, 2 miles below junction with Black River, alt. 100 m. Brass 7242 (A. type US) July, 1936 (common in native gardens).

Isachne oreades (Domin) Bor, Grasses of Burma, Ceylon, India and Pakistan 582. 1960.

Based on *Panicum oreades* Domin, 1915.

"- only found at Gudaloor Ohat."

Exsicc.- M. A. Lawson 6, Nilgiris - "growing in a swamp in a wood." India

Isachne pallens Hillebr. Fl. Hawaiian Isl. 504. 1888.

"Woods of the eastern division of Oahu!"
Hawaiian Isl.

Isachne pangerangensis Zoll. & Mor. in Moritz, Syst. Verz. Zell. 102. 1845-46.

"In graminosis siccis udisque montis Pangerango....
Febr. 1844 No. 1917."
Java

Isachne pangerangensis var. *firmula* (Buse) Henr.
Blumea 3: 471. 1940.

Based on *Isachne firmula* Buse
Java

Isachne pangerangensis var. *halconensis* Hack. Philippine Journ. Sci. Bot. 3: 167. 1908.

"Merrill 6221, 6203, Nov. 1906"
"Mindoro, monte Halcon." Philippines

Isachne pangerangensis var. *marginata* (Buse) P. Jansen Reinwardtia 2: 288. 1953.

Based on *Isachne firmula* var. *marginata* Buse, Miq., Fl. Jungh. 379. 1854.
Sumatra (Padang Highlands): Java.

Isachne pangerangensis var. *rhabdina* (Steud.) Henr.
Blumea 4: 530. 1941.

Based on *Panicum rhabdinum* Steud.
"If we accept the plant as a var. of *Isachne pangerangensis* Z. et M. I propose for the javanese plant the name *I. pangerangensis* Z. et M. var. *rhabdina* (Steud.) Henr. nov. comb."

Java

see also *Isachne rhabdina* (Steud.) Henr.
(Henr. also makes comb. under *I. rhabdinum* Steud.)

Isachne pangerangensis var. *rhignon* (Steud.) Henr.
Blumea 3: 471. 1940.

Based on *Panicum rhignon* Steud.
Java

Isachne panicea Trin. Gram. Pan. 253. 1826.

Based on "*Panicum arundinaceum* Sw.; B. et S. II. p. 448.

"Martinique] Sieber"

= *Isachne arundinacea* (Sw.) Griseb. Martinique W.I.

Isachne pauciflora Hack. [Publ.] Bur. Gov. Lab. Philippine Isl. 35: 80. Dec. 1905. [Agr. Copy stamped "Issued Jan. 17, 1906"]

"Baguio, Benguet, Luzon (6486 Elmer), June 1904"

Isachne pauciflora var. *depauperata* (Hack.) P. Jansen, Reinwardtia 2: 288. 1953.

Based on *I. beneckeii* var. *depauperata* Hack., Philip. J. Sci. 1. (Suppl.): 350. 1906.

Luzon, Dist. Lepanto, Mt. Data, Philippines"

I. depauperata (Hack.) Merrill based on this.

Isachne pauciflora var. *hirsuta* Hack. Philippine Journ. Sci. Bot. 3: 167. 1908.

"For. Bur. 4405 Merritt"
[43.]

"Mindoro, Monte Halcon." Philippines

Isachne perpusilla Arn. ex Steud. Syn. Fl. Olum.

1: 96, 461. 1854, as syn. of *Panicum perpusillum* Steud.

[Ceylon]

Isachne Ferrieri A. Camus, Bull. Soc. Bot. France 72: 306. 1925.

"Madagascar centr.; environs de Betafo....(Perrier de la Bathie, no. 13,183)"

Isachne petelotii A. Camus, Bull. Soc. Bot. France 75: 553. 1928.

"Tonkin: Chapa, alt. 1,500 m.; endroits humides de la forêt (Petelot, no. 5070)."

Indo China

Isachne pilulifera (Nees) Henr. Blumea 3: 471. 1940.

Based on *Panicum piluliferum* Nees
Ind. Or.

Isachne poaeomorpha Mez, ex Henr. Med. Rijks Herb.

Leiden No. 40: 73. 1921, as syn. of *Briza poaeomorpha* Henr.

Peru (Haenke)

Isachne polygonoides (Lam.) Doell in Mart. Fl. Bras. 2: 273. 1877.

Based on "*Panicum polygonoides* Lam."
Cayenne (Leblond)
French Guiana--S. Amer.

Isachne penapensis Hosokawa, Trans. Nat. Hist. Soc. Formosa 24: 200. 1934.

"Hab. East Caroline group; at the grassland upon the summit of Mt. Manaraut in the Ponape Island (T. Hosokawa, no. 5989: VIII. 24, 1933)."

Micronesia

Isachne prostrata Hort. Berol. ex Steud. Syn. Fl.

Olum. 1: 95. 1854, as syn. of *Panicum horticoolum* Steud.

Cult. Hort Berol. Source not cited

Isachne pubescens Swallen, Contr. U. S. Nat. Herb.

29: 426. 1950.

Type in the U. S. National Herbarium, No. 472909, collected in the vicinity of Soconquim, altitude 550 meters, Department of Alta Verspaz, Guatemala, May 6, 1905, by H. Pittier (No. 252).

Isachne pulchella Roth in Boem. & Schult. Syst. Veg.

2: 476. 1817; Nov. Fl. Ind. Orient. 58. 1821; descr. amplified in Schult. Mant. 2: 265. 1824.

"In India orientali. Heyne."

[Pilger (Fedde, Rep. 45: 1. 1938) says type in Berlin Hb. is *Isachne*]

Isachne purpurascens Glassman, Bernice P. Bishop Museum Bull. 209: 130. 1952.

Ponape: Mt. Ninami, 2250 ft., Aug. 17, 1949, Glassman 2888 (U.S.), common on wind-blown peak, associated with dwarf trees.

Isachne pygmaea Griseb. Fl. Brit. W. Ind. 553. 1864.

"Hab. Jamaica! Maof."

Man. W.I.

Isachne Fynaerti Vanderyst, Bull. Agr. Congo Belge 16: 688. 1925.

"Congo.--Kala, 486 et 1127 (Fynaert)."
Africa

Isachne refracta Hook.f. Journ. Linn. Soc. Bot. 7: 227. 1864.

"Hab. Cameroons Mountains"...Collected by Mr. Gustav Mann

Africa

Isachne repens Keng, Sunyatsenia 1: 129, pl. 33. 1933.

Kwangtung: Ting Wu Shan, in woods, Oct. 18, 1929. C.L. Tso (no. 21292, Type)."

China

Isachne rhabdina (Steud.) Henr. Blumea 4: 530. 1941.

(Same comb. made by Ohwi, Bull. Tokyo Sci. Mus. no. 18: 1. 1947)

Based on *Panicum rhabdinum* Steud. "If this is a distinct species it must be named *Isachne rhabdina* (Steud.) Henr. nov. comb."

see also *I. pangerangensis* var. *rhabdina* (Steud.) Henr. l.o.

Java

Isachne rhignon (Steud.) Ohwi, Bot. Mag. Tokyo 55: 541. 1941.

Based on *Panicum rhignon* Steud.
Java

Isachne rigens (Swartz) Trin. Gram. Pan. 252. 1826.

Based on "*Panicum rigens* Sw."
Jamaica

Isachne rigida Nees ex Miquel, Fl. Ind. Bat. 3: 461. 1855.

[*Isachne rigida* Nees ex Steud. Syn. Fl. Olum. 1: 95. 1854, as syn. of *Panicum rhignon* Steud.]

[See also Hook.f. Fl. Brit. Ind. 7: 24. 1896. Tenasserim, Helfer. Nicobar Islands, Kurz.]

Cites: "*Isachne rigida* Nees nss. - *Panicum rhignon* Steud. [Syn. Gram. 95. 1854] 95." "Java (Junghuhn)"

Java

Isachne rigidifolia (Poir.) Urban, Symb. Antill. 4: 85. 1903.

"*Agrostis rigidifolia*." Poir.
Santo Domingo

Man. W.I.

Isachne Sapini Vanderyst, Bull. Agr. Congo Belge 16: 688. 1925, description in French.

[Robyns cites this as syn. under his *Panicum Sapini* and says "cum diagnose gallica incompleta." He gives a long Latin description of *Panicum sapini*]

"Congo.--Bomana s/Oiri, 1920 (Sapin); herbe des marais."

= *Panicum sapini* Vander.

Isachne saxicola Ridl. Fl. Malay Pen. 5: 237. 1925.

Based on "*I. javana* var. *saxicola* Ridl."

"Hab. High mountains in cracks of rocks in streams at 6000 ft. altitude Pahang, Gunung Tahan (Ridley)."

[Malay Peninsula]

Isachne saxicola var. *denticulata* Ridl. Fl. Malay Pen. 5: 237. 1925.

"Hab. Perak, Gunung Kerbau (Robinson)."
[Malay Peninsula]

Isachne scabrosa Hook.f. Fl. Brit. Ind. 7: 23. 1896.

"Khasia Hills....Clarke."

Assam. Asia

Isachne secundens C.E. Hubb. Kew Bull. Misc. Inf.

1949: 360. 1949.

NORTHERN RHODESIA: Mwinilunga District; in swamp at edge of evergreen vegetation by River Dobeka north Dobeka Bridge, among scattered shrubs and ferns; perennial, scrambling up shrubs to 3 or 4 ft.; Nov. 8, 1937, Milne-Redhead 3163.

Africa

Isachne schmidtii Hack. Bot. Tidsskr. 24: 99. 1901.

"Klong Muné, on river banks in the jungle."

[Siam]

Isachne semitalis Bidl. Fl. Malay Pen. 5: 237. 1925.

"I. Kunthiana Bidl. [misapplied]... (not of Wight)

[Malay Peninsula]

[In Bidley Mat. Malay Pen. are cited sub I. Kunthiana: Bidley 73, 6110, 5770, 7777. U.S. hb.]

Isachne setosa C.E.C. Pasch. Kew Bull. Misc. Inf.

1932: 247. 1932.

"Cochin, at Kavalai....A. Meebold 12125 (type)."

Both sheets in Breslau Herbarium

Isachne sikkimensis Bor. Kew Bull. Misc. Inf.

1949: 115. 1949.

"Sikkim. Karponang, 2800 m., 5 Aug. 1945, Dr. Bor's collector. (typus in Herb. Kew); Lachong 3-3500 m., 29 Aug. 1849, Hooker fil."

Isachne sylvestris Ridl. Mat. Fl. Mal. 3: 129. 1907. spelled sylvestris
This refers to I. sylvestris Ridley---see 1905.

"Dindings at Telok Sera (Ridley 7265)

Malay Peninsula

Isachne simpliciuscula Wight & Arn. ex Thwaites,

Enum. Fl. Zeyl. 373. 1864, as syn. of *Coelachne*

pulchella R. Br.

= *Coelachne brachiata*

[Ceylon]

Isachne Smitinandiana A. Camus, Mus. Nat. Hist. Nat.

14: 256. 1952.

Siam (N.-E.): Phukradang Loie, répandu sur les rochers humides, alt. 1045 m. (Smitinand, no. 340; Fl. of Siam, no. 4974).

Isachne stigmatosa Griffith, Not. Fl. Asiat. 3: 42.

1851; Icom. Fl. Asiat. 3: pl. 148. f. 2. 1851.

"In humidis super inundatis; ad ripas flum. Boorea Barak paulo infra Luckipoor: October 3rd, 1835."

India

Isachne streptostachys Nees ex Steud. Syn. Fl. Glum.

1: 79. 1854, as syn. of *Panicum streptostachys* Spr.

"In Erbe. Mougeot. Am. aequin."

= *Panicum asperifolium*

Isachne stricta Elmer, Leaflets Philippine Bot.

2: 463. 1908. (Dec. 14)

U.S. specimen 10425, A.D.E. Elmer, Dumaguete, Cuernós Mountains, Province of Negros Oriental, Negros, June, 1908."

Cuernos Mts. Philippines

Isachne subglobosa Hatusima & T. Koyama, Journ. Jap.

Bot. 31: 238. 1956.

"Liukiu: Is. Irimoto: Komi, rice piddle, T. Ameno, 7531. (TI)---Holotype; in wet grass field along Nakara River, alt. 1m. S. Hatusima 18706: KAG; S. Kawagoe, 6 Aug. 1919: (KAG.)

"In Liukiu---more abundant than I. globosa O. Kuntze"

Isachne surgens P. Jansen, Reinwardtia 2: 281. 1953.

Celebes, Peak of Bonthain, Bunnemeijer 11268 (type), 12207, along shaded roads at 1000-2700 m. altitude.

Isachne sylvestris Ridley in Journ. As. Soc. Straits

44: 206. 1905.

see *sylvestris* Ridley 1907.

"Dindings in Woods at Telok Sera (Ridley 7265)."

[Malay Peninsula]

At L.C. New and rare Malayan plants. (title)

Isachne tenuis Keng, Claves gram. prim. Sinicarum 218.

1957. nom. nud.

China

Isachne trachyscula Ohwi, Bull. Tokyo Sci. Mus. no.

18: 14. 1947.

"Sumatra (Padanglawas, Veearts Sibolge, 19 in Herb. Bogor.)."

Compared with I. globosa

Isachne trachysperma (Nees) Nees in Seeman, Bot. Voy.

Herald 224. 1857.

Based on *Panicum trachyspermum* Nees

Pará Brazil

Isachne trachysperma (Nees) Balansa, Journ. de Bot.

4: 137. 1890, not I. trachysperma (Nees) Nees in

Seeman, Bot. Voy. Herald 224. 1857.

Balança's name based on *Panicum trachyspermum* Nees, Pará, Brazil, but misapplied by Balansa to "Balansa 1675, Tu-Phap" Indo China; not *Isachne trachysperma* (Nees) Nees 1857.

Isachne tricarinata Roth in Roem. & Schult. Syst. Veg.

2: 476. 1817.

Roem. & Schult credit this to Roth and have after desor. "Roth nov. pl. sp. mss." [Also Roth, Nov. Fl. Ind. Orient. 57. 1821]

"In India orientali. Benj. Heyne."

Isachne Trochainii A. Camus, Bull. Mus. Hist. Nat.

(Paris) II 5: 250. 1933.

[amplified: A. Camus, Bull. Mus. Hist. Nat. Paris II. 6: 99. 1934]

"Sénégal: Casamance, rizières près Bignonia (Trochain no. 1.438); rizières de Pogny (Trochain, no. 1.472); terrains salés."

Africa

Isachne truncata A. Camus, Not. Syst. Lecomte

2: 205. 1912.

"Chine. Kouy-tohéou: Pinfa, prés, ruisseaux, ... no 502 (Cavalerie)."

Isachne truncata var. *cordata* A. Camus, Not. Syst.

Lecomte 2: 205. 1912.

"Chine. Yunnan: prairies au pied du Tsang-ohan, au-dessus de Tali...no. 4038 [Deleway]."

Isachne vaughanii C.E. Hubb. Kew Bull. Misc. Inf.

360, illus. 1927.

"Mauritius. Stream banks near Grand Bassin, rare, 13th Nov. 1926, Vaughan A. 102."

aff. I. angusta Stapf

Africa

Isachne ventricosa (Lam.) Doell in Mart. Fl. Bras.

2: 274. 1877.

Based on "*Panicum ventricosum* Lam." [misapplied by Doell to *Isachne salzmannii* (Trin.) ined.]

Panicum salzmannii Trin. in Steud.

Brazil

P. ventricosum Lam. India (Sonnerat. conf.)

Isachne villosa (Hitcho.) Reeder, Journ. Arn. Arb.

29: 314. 1948.

Based on *Isachne brassi* var. *villosa* Hitcho.

British New Guinea: Central Division: Mt. Tafa, alt. 2100 m., Brass 4132 (Type Coll., GH, US) (small roadside grass)

Isachne virgata Nees ex Steud. Syn. Fl. Glum. 1: 96.

in syn. 1854, as syn. *Panicum rhabdinum* Steud;

Miquel, Fl. Ind. Bat. 3: 461. 1855, Nees given as

author "*Isachne virgata* Nees ab Es. mss." "(Java

(Junghuhn ?)" same desor. as in Steudel., Noord.

Exkursionsfl. Java 1: 123. 1911.

"Ganz (?) Java, auch im Hoohegebirge"

Isachne vitiensis Rendle, Journ. Linn. Soc. Bot.

39: 181.. 1909.

"Hab. Col 1 Naderivatu, about 3100. Fl. Sept. 815.

[Fiji]"

Fiji Is., Pacific

Isachne vulcanica Merr. Philippine Journ. Sci. Bot.

5: 169. 1910.

"Negros, Canlaon Volcano Merrill 6975.

April 1910."

U.S. Philippine Isl.

Isachne walkeri (Steud.) Wight & Arn. ex Hook. Fl.

Brit. Ind. 7: 26. 1896.

[Given in Ind. Kew. as being I. walkeri Arn. ex Steud. Syn. Fl. Glum. 1: 97. 1854 --- Not published here. Genus *Isachne* only given under *Panicum*.]

Based on *Panicum walkeri* Steud.

Ind. Or. Ceylon

Wight Herbar. Nr. 2046

Isachne wombaliensis Vanderyst, Bull. Agr. Congo

Belge 16: 688. 1925.

"Kasai: Wombali, B. 16, octob. 1918 (V.D.R.);

Atene, 736, Novembre 1907 (Sapin)."

[Vanderyst]

Congo Africa

Ischaemopogon arcuatus Nees ex Griseb. Fl. Brit.

W. Ind. 560. 1864.

"This genus (comprising *Spodiopogon arcuatus* Nees) approaches *Phacelurus* --- but name not transferred; transfer by Jacks. Ind. Kew 1: 1234. 1893.

Basis of *Ischaemum fasciculatum* var. *arcuatum* (Nees) Hack.

So. Africa Drège

Ischaemopogon latifolius (Kunth) Griseb. Fl. Brit.
W. Ind. 560. 1864.

Based on *Ischaemum latifolium* Kunth
Guadeloupe, Martinique

Ischaemum abbreviatum Ham. ex Wall. List No. 8688
E. 1849, as syn. of *Panicum stagninum* Retz.

[India. Herb. Ham.]

Wallich Herb. at Linn. Soc. Nearly complete set of
duplicates at Kew. Specimen = *Echinochloa crusgalli*.
Spikes regular, awns about 1 cm. long or shorter;
glumes short-hispid. Somewhat approaching *colomum*
in appearance. Spikes nearly erect, about 1 inch
long. Mas. catalogues at Kew, one vol. by numbers
one systematic. (A.S.H. 1907) 8012.

Ischaemum aculeatum Herb. Linn. ex Munro, Journ. Linn.
Soc. Bot. 6: 54. 1862, as syn. of *Ceytosia* [err.
typ. for *Crypsis*] *aculeata* Willd.

[Grasses of Linnaeus's herbarium] "a plant marked
'Isch. aculeatum', which is *Ceytosia* [err. for
Crypsis] *aculeata* Willd."

[Italy, Narbona, Lusitania,
Archipelagi insulis]

Ischaemum afrum (J. F. Omei.) Dandy in Andrews, Fl. Fl.
Sudan 3: 476. f. 120. 1956.

Based on *Andropogon* after J. F. Omei. Syst. Nat. ed. 13
2: 166. 1791.

[*I. brachyatherum* (Hochst.) Penzl ex Hack. cited as
syn.]
Sudan Africa

Ischaemum akoense Honda, Bot. Mag. Tokyo 37: 120.
1923, in Japanese, 38: 50. 1924. Latin description
"Formosa: Akō (E. Matsuda no. A, 132)."

Ischaemum angustifolium (Trin.) Hack. in Oliver in
Hook. Icon. Fl. 18: pl. 1773. 1888.

"Hack. in Cand. Monogr. Phan. vol. VI. ined." cited.
"Synonym sent by Hackel."

See also Hack. in DC. Monogr. Phan. 6: 241. 1889.

Based on *Spodiopogon angustifolius* Trin.

Nepal, India

Ischaemum antephoroides Miquel, Ann. Mus. Bot. Lugd.
Batavi 3: 193. 1867. (Also pub. "later" in
reprint Miq. Prolus. pl. Jap. 357. 1867.)

Japan

Ischaemum anthephoroides (Steud.) Miquel, Prol. Fl.
Jap. 357. 1867.

[earlier ? in 1867, Miquel, Ann. Mus. Bot. Lugd.
Batav. 3: 193. 1867. q.v. spelled *antephoroides*.]

Japan

(o)
Ischaemum anthephoroides (Miquel) var. *eristachyum*
(Hack.) Honda, Bot. Mag. Tokyo 41: 378. 1927.

Based on *Ischaemum eristachyum* Hack.

China borealis: (Wamra in h. Vind.)

Ischaemum anthephoroides var. *stenoptera* Hack. ex
Nakai, Bot. Mag. Tokyo 33: 3. 1919.

"Quelpaert: in littore (Taquet n. 1809)."

Korea

Ischaemum anthephoroides var. *subnudum* Honda, Bot.
Mag. Tokyo 46: 373. 1932.

"Hondo: Kugenuma, prov. Sagami (T. Momiyama, no.
116, anno 1931--typus in Herb. Imp. Univ. Tokyo)."

Japan

Ischaemum apricum Ridl. Fl. Malay Pen. 5: 203. 1925.

"Hab. Open spaces. Penang, Waterfall Gardens
covering sunny slopes (Burkill, 4629, 4630)."

[Malay Peninsula] ^{US}

Ischaemum arouatum (Nees) Stapf, Fl. Trop. Afr.
9: 33. 1917.

Based on *Andropogon arouatus* Steud.; this based on
Spodiopogon arouatus Nees.

Cape Colony - Afr. (Drège)

Ischaemum arenosum Sohns, Mem. N.Y. Bot. Gard. 9: 404.
f. 75. 1957.

Type: locally frequent in moist sand along river,
along Rio Tirica (Rio Aparurén) just above Tachine-
merú, alt. 470 m, Chimanta Massif, Estado Bolívar,
Venezuela, Jan. 16, 1955, Julian A. Steyermark &
John J. Wurdack 122 (U.S. 2,182,116).

Ischaemum aristatum L. Sp. Pl. 1049. 1753.

"Habitat in China - Osbeck."

Ischaemum aristatum Thunb. Prodr. Fl. Cap. 21. 1794.
Not L. 1753.

"Promontorio Bonae Spei Africes....collegit Carol.
Pet. Thunberg"

Cape Good Hope, Africa

Ischaemum aristatum L. [misappl. by Willd.] Sp. Pl.
4: 939. 1806; Roxb. Hort. Beng. 8; Fl. Ind. ed.
Carey 1: 319. 1820.

[India]

Ischaemum aristatum var. *arfakense* Rendle in Gibbs,
Contr. Phytog. & Fl. Arfak. Mts. 89. 1917.

"Hab. Arfak Mts., Angi lakes, open marsh by ♀ lake
Gibbs 5564, 5719." [Dutch N. W. New Guinea]

Ischaemum aristatum ssp. *barbatum* (Retz.) Hack. in
DC. Monogr. Phan. 6: 204. 1889.

Based on "*I. barbatum* Retz."

Java D. Wennerberg

Ischaemum aristatum ssp. *barbatum* var. *elatum* (Steud.)
Hack. in DC. Monogr. Phan. 6: 205. 1889.

Based on *Androp. elatus* Steud.

Silhet. Ind. Or. Wall List nr. 8861

Ischaemum aristatum ssp. *barbatum* var. *lodiculare*
(Nees) Hack. in DC. Monogr. Phan. 6: 205. 1889.

Based on "*Meosch. lodiculare* Nees"

vicinia Macao...Meyen; Millett; G. H. Vachell
n. 47b. China

Ischaemum aristatum ssp. *barbatum* var. *Meyenianum*
(Nees) Hack. in DC. Monogr. Phan. 6: 205. 1889.

Based on "*Meoschium meyenianum* Nees."

Promontorium Syng-moon China

Ischaemum aristatum var. *Barberi* C.E.C. Fisch. in
Gamble, Fl. Pres. Madras 10: 1722. 1934.

"Mangalore (Barber No. 4803)."

British India

Ischaemum aristatum var. *cylindricum* Pilger, Bot.
Jahrb. Engler 52: 171. 1914.

"Nordöstl. Neu-Guinea: Kaiser-Wilhelmsland, auf
grasigen Hügeln am Fusse des Bismarck-Gebirges...
(Schlechter n. 18494)."

Ischaemum aristatum var. *elatum* (Steud.) E.O. & A.
Camus in Lecomte, Fl. Gén. Indo-Chine 7: 265. 1922.

Based on *Androp. elatus* Steud.

Wall. Cat. nr. 8861 Silhet Ind. Or.
List.

Ischaemum aristatum var. *enodulosa* Back. Handb. Fl.
Java Afr. 2: 61. 1928, in Dutch.

"Alleen van het eiland Biliton bekend."

[Java group]

Malay Archipelago

Ischaemum aristatum var. *fallax* (Hack.) E.O. & A. Camus
in Lecomte, Fl. Gén. Indo-Chine 7: 265. 1922.

Based on "*Ischaemum aristatum* ssp. *imberbe* var.
fallax Hack."

Ischaemum aristatum ssp. *imberbe* (Retz.) Hack. in
DC. Monogr. Phan. 6: 203. 1889.

Based on "*I. imberbe* Retz."

[India]

Ischaemum aristatum ssp. *imberbe* var. *fallax* Hack.
in DC. Monogr. Phan. 6: 204. 1889.

"*Meoschium monostachyum* Wight, Arn. et Nees! in
Steud. Synops. 1, p. 369....nomen et diagnosis l.c.
fallaces."

"Peninsula Ind. or. (Wight in h. Nees); ...Ceylon
(Wight 2353 in h. Nees, Thwaites 700, etc.)...."

Ind. Or.

Ischaemum aristatum ssp. *imberbe* var. *gibbum* (Trin.)
Hack. in DC. Monogr. Phan. 6: 204. 1889.

Based on "*I. gibbum* Trin!"

Manila. Philippine Islands

Ischaemum aristatum ssp. *imberbe* var. *imbricatum* Hack.
in DC. Monogr. Phan. 6: 203. 1889.

Cites: "*Meoschium imbricatum* Munro Ms. in h. ber."

"In montium Khasia reg. trop. (Hook.f. et Thoms.);
Ceylon (Thwaites 869)."

India

Ischaemum aristatum ssp. *imberbe* var. *mangaluricum*
Hack. in DC. Monogr. Phan. 6: 204. 1889.

"Peninsula Ind. or. pr. urbem Mangalur (Hohenack,
n. 184)."

Ischaemum aristatum var. *imbricatum* (Munro) E.O. & A.
Camus in Lecomte, Fl. Gén. Indo-Chine 7: 265. 1922.

Based on *Ischaemum aristatum* ssp. *imberbe* var.
imbricatum Hack.

[*Meoschium imbricatum* Munro published as synonym
by Hack.]

India

Khasia reg. trop. (Hook. f. et Thoms.);
Ceylon (Thwaites 869)

Ischaemum aristatum ssp. *Koenigii* Hook.f. Fl. Brit.
Ind. 7: 127. 1896.

"Deccan Peninsula, Koenig"

India

Ischaemum aristatum var. *lanuginosum* A. Camus, Bull.
Mus. Hist. Nat. 25: 498. 1919.

"Tonkin: Phuong mai (Bon, nos. 2234, 2235), vallée
de Baa-tai à la base du Mt Bavi (Balansa).--
Cambodge (Odehroy, no. 379).--Cochinchine (Pierre)."
Indo China

Ischaemum aristatum var. *lodiculare* (Nees) E.G. & A.
Camus in Lecomte, Fl. Gen. Indo-Chine 7: 265. 1922.

Based on "*Meoschium lodiculare* Nees."
vic. Macao, urbis China...Meyen; Millett;
O. H. Vachell n. 47b

Ischaemum aristatum var. *meyenianum* (Nees) E.G. & A.
Camus in Lecomte, Fl. Gen. Indo-Chine 7: 265. 1922.

Based on *Meoschium Meyenianum* Nees
From. Syng-moon
China

Ischaemum aristatum ssp. *Bottleri* Hook.f. Fl. Brit.
Ind. 8: 127. 1896.

"Herb. Bottler.--Probably from the Deccan."
India

Ischaemum aristatum var. *scrobiculatum* (Wight & Arn.)
J. Jansen, Acta Bot. Neerl. 2: 382. 1953.

Based on *Ischaemum scrobiculatum* Wight & Arn. ex
Steud. Syn. 1 (1854) 373.
Malay Peninsula: Kedah, S. P. 25882 (Herb. Singapore)

Ischaemum aristatum var. *wallichii* (Hack.) Bor,
Indian For. Rec. n. ser. Bot. 1: 98. 1938.

Presumably based on *Ischaemum ciliare* var.
Wallichii Hack.
Assam, India

Ischaemum arundinaceum F. Muell. in Benth. Fl. Austral.
7: 519. 1878.

"N. Australia. Roper River, F. Mueller; Port
Darwin, Schultz n. 30,182,815."

Ischaemum arundinaceum var. *kangeanensis* Backer in
Heyne, Nuttige Fl. Ned.-Ind. Ed. 2. 1: 172. 1927.

Kangean. Java group.

Ischaemum arundinaceum var. *radicans* Hack. Philippine
Journ. Sci. 1(Suppl.): 266. 1906.

"Luzon, Province of Benguet, Bagulo (4264 Merrill)
October 22, 1905."
Philippine Isl.

Ischaemum aureum (Hook. & Arn.) Hack. in DC. Monogr.
Phan. 6: 224. 1889.

Based on *Spodiopogon aureus* Hook. & Arn.
Ins. Loo-Choo (Liu-Kiu Isl.)
Japan

Ischaemum auritum Nees ex Steud. Syn. Fl. Glum.
1: 361. 1854, as syn. of *Rottboellia aurita* Steud.

"Praecedenti speciei [Goreata Trin.] quae etiam
Ischaemum generi adscribitur, simillima dicitur,
est: *Ischaemum auritum* Nees mpt."
= *Manisuris aurita* (Steud.) Hitchc. & Chase
[Brazil]

Ischaemum australe R. Br. Prodr. Fl. Nov. Holl. 205.
1810.

"(J.) apud Portum Jackson, inclusis ripis aestuarii
Hunter's River vel Coal River."
Australia

Ischaemum australe var. *semivestitum* Domin, Bibl. Bot.
85: 259. 1915.

"Süd-Queensland: trockene Eucalyptus-Wälder am
Logan River (Domin, III. 1910)."
Australia

Ischaemum australe var. *villosum* (R. Br.) Benth. Fl.
Austral. 7: 520. 1878.

Based on "*I. villosum* R. Br."
Australia

Ischaemum Baileyi C.E. Hubb. in Hook.f. Icon. Fl.
33 (pl. 3263): 2. 1935.

"Queensland, Cook District: ...Somerset, June
1897, F. M. Bailey 73 (type)."
Australia

Ischaemum barbatum Retz. Obs. Bot. 6: 35. [Error for
25]. 1791.*

"E. Java accepi a pl. rev. D. Wennerberg."
*See N. L. Bor, Kew Bulletin v. 15 no. 3. p. 411.
1962.
Malay archipelago

Ischaemum barbatum Miquel, Ann. Mus. Bot. Lugd. Bat.
3: 193. 1867, as syn. of *Ischaemum antephoroides*
Miquel.
[Japan]

Ischaemum barbatum Retz. misappl. by Baker, Fl.
Maurit. 447. 1877.

"*Meoschium barbatum* Beauv. ex Bojer, Hort. Maur.
376" cited.
"Mauritius and Seychelles, in cultivated ground,
not common. Also Tropical Asia."

Ischaemum barbatum var. *arfakense* (Rendle) Ohwi, Bot.
Mag. Tokyo 56: 11. 1942.

Based on *Ischaemum aristatum* var. *arfakense* Rendle
New Guinea

Ischaemum barbatum var. *arundinaceum* (F. Muell.)
P. Jansen, Reinwardtia 2: 295. 1953.

Ischaemum arundinaceum F. Muell. ex Benth., Fl.
austral. 7: 519. 1878: Hack., Androp. in DC.,
Monogr. Phan. 6: 215. 1889; Chase in J. Arn. Arb.
20: 313. 1939.) cited
New Guinea

Ischaemum barbatum var. *gibbum* (Trin.) Ohwi, Acta
Phytotax. & Geobot. 11: 175. 1942.

Based on *I. gibbum* Trin.
"V. spp. Manill." Philippine Isl.

Ischaemum barbatum var. *gibbum* (Trin.) P. Jansen,
Reinwardtia 2: 294. 1953. See Ohwi 1942.

Ischaemum gibbum Trin. Mem. Acad. Sci. St. Pétersb.
VI. Math. Phys. Nat. 2: 293. 1832.
Philippines (endemic)

Ischaemum barbatum var. *imbricatum* (Munro ex Hack.)
P. Jansen, Reinwardtia 2: 294. 1953.

Based on "*Meoschium imbricatum* Munro Ms." ex Hack.
as syn. of *Ischaemum aristatum* ssp. *imberbe* var.
imbricatum Hack.
Malay Peninsula, Sumatra, Java.

Ischaemum barbatum var. *lodiculare* (Nees) P. Jansen,
Reinwardtia 2: 294. 1953.

Based on *Meoschium lodiculare* Nees in Hook. & Arn.
Beech. Voy. 246. 1838.
Borneo: Karimata Arch., Mondri 138. New Guinea

Ischaemum barbatum f. *nodulosum* (Honda) Ohwi, Acta
Phytotax. & Geobot. 11: 175. 1942.

Based on *I. nodulosum* Honda.
Hab. "Formosa: in arenosis Okaseki (U. Faurie, no.
710...1903); Tamusi (T. Makino--1896)"

Ischaemum beccarii Hack. in DC. Monogr. Phan. 6: 247.
1889.

"Borneo (Beccari 3820 in h. de Cand.)"

Ischaemum binatum (Retz.) Buse ex Vriese, Fl. Ind.
Bat. Or. Reinw. 103. 1857.

Based on *Andropogon binatus* Retz.
Travancore, India

Ischaemum bombaiense Bor, Journ. Bombay Nat. Hist.
Soc. 49(2): 165-167. 1950.

Type: India: Bombay, Khandala, Tata's Lake, Blat-
ter 9904. (Typus in Herb. Kew. et in Herb.
Blatt., Bombay.)

Ischaemum boninense Honda ex Toyoshima, Ringyo-
Shiken-iho no. 8. 51. 1922; Journ. Fac. Sci. Univ.
Tokyo Sect. III. Bot. 3: 357. 1930, as syn. of
I. ischaemoides Nakai.
Japan

Ischaemum brachyatherum (Hochst.) Fenzl. ex Hack. in
DC. Monogr. Phan. 6: 239. 1889.

Based on: = *Andropogon brachyatherus* Hochst.
"(Fenzl. in herb. Vindob.)"
Montis Cordofani. Arasch-Cool (Kotschy i itin.
nubico no. 368.)
Abyssinia

Ischaemum burmanicum Bor, Kew Bull. 1949: 568. 1950.

Burma. Golden Valley, Bangoon. 23 Dec. 1948,
U Thein Lwin, 627.

Ischaemum byrson (Trin.) Hitchc. Mem. Bishop Mus.
8: 213. 1922.

Based on *Spodiopogon byronis* Trin.
O. Wyhee (ins. Sandwich in sinu Byronis ll.)

Ischaemum celebicum P. Jansen, Reinwardtia 2: 296.
1953.

S. W. Celebes, Mt. Lompobatang (Peak of Bontheim),
Bunnemeyer 11047, 11328, 11689 (type; Herb. Lugd.
Bat.), 12506, Van Steenis 10401. Along roadsides
at 950 m. altitude.

Ischaemum chordatum (Trin.) Hack. ex Warb. Bot. Jahrb.
Engler 13: 260. 1890.

Based on *Spodiopogon chordatus* Trin.
Inss. Marian et Carolin.

Ischaemum chrysatherum K. Schum. ex Engl. Abh. Preuss.
Akad. Wiss. (Berlin) 14, 28. 1894, nom. nud.

"¹ hooch in kleinen Complexen zwischen anderen
Gräsern." [Usambara and adjacent territory]
[spelled *chrysatherum* K. Schum in Engler
Pflanzen. Ost Afr. A. 13, 31. 1895]
East Africa

Ischaemum ciliare Retz. Obs. Bot. 6: 36. [Error for
26]. 1791.

Hab. "E. China accepi."

Ischaemum ciliare var. *genuinum* subv. 3. *malacophyllum* (Hookst.) Hack. in DC. Monogr. Phan. 6: 226. 1889.

Based on *Androp. malacophyllum* Hookst.
Montes Nilagiri (Hohenack. 917) India

Ischaemum ciliare var. *genuinum* subv. 1. *prorepens* Hack. in DC. Monogr. Phan. 6: 226. 1889.

"Peninsula Ind. or. (Wight 1693); Maisur et Carnatic (Hook. f. et Thoms.); Nepal (Wall. 8858A, B.); Silhet (Wall. 8859C ad subv. 3 vergens); China ad Cap Syng Moom (Meyen); Macao; Amoy (Hance 1257)

2.
Ischaemum ciliare var. *genuinum* subv. *scrobiculatum* (Wight & Arn.) Hack. in DC. Monogr. Phan. 6: 226. 1889.

"*Ischaemum scrobiculatum* Wight & Arn." publ. as syn. only, in Steud. Syn. Fl. Glum. 1: 373. 1854 of *Andropogon bifidus* Steud. "*Spodiopogon scrobiculatus* Nees" also cited (l.o.) by Steud. as syn. of *Andropogon bifidus* Steud. Hack. (l.o.) cites this also.

"Ins. Ceylon---Wight 2322." Besides the 2 names published as synonyms only (invalid) Hackel (l.o.) cites *Andropogon bifidus* Steud. (l.o.) and *Spodiopogon mioraei* Steud. (opit. 377) as syns. of *I. ciliare* var. *genuinum*.

"Ind. Or"

4
Ischaemum ciliare var. *genuinum* subv. *villosum* (Nees) Hack. in DC. Monogr. Phan. 6: 227. 1889.

Based on *Spodiopogon villosus* Nees
Macao, China

Ischaemum ciliare var. *longipilum* Hack. in DC. Monogr. Phan. 6: 227. 1889.

"Ceylon (Thwait. 3167); Birma pr. Maulmein (Kuntze): [Burma]

Ischaemum ciliare var. ? *podostachyum* Benth. Fl. Austral. 7: 520. 1878.

"N.S. Wales. Hunter's River, United States Exploring Expedition."

Australia

Ischaemum ciliare var. *scrobiculatum* (Hack.) Honda, Bot. Mag. Tokyo 38: 55. 1924.

"*Ischaemum scrobiculatum* Wight et Arnott ap. Steudel published as syn. by Steudel, cited.

/Based on *I. ciliare* (var. *genuinum*) subv. 2. *scrobiculatum* Hack.

Ceylon (Maore; Wight 2322)

Other reference: *I. ciliare* var. *scrobiculatum* Honda, Bot. Mag. Tokyo 37: 122. 1923, with only Japanese characters. Hack. is mentioned but no scientific name given.

Ischaemum ciliare var. *Wallichii* Hack. in DC. Monogr. Phan. 6: 227. 1889.

"Silhet (Wall. 8860 B)." Wallich
Assam - India

Ischaemum colladoa (Cav.) Spreng. Syst. Veg. 1: 298. 1825.

Based on "*Colladoa distachya* Cav.)"

Mindanao, prope Samboangan Philippines

Ischaemum eommelynifolium Stapf in Bidl. Fl. Malay Pen. 5: 202. 1925.

"Hab. Mountains, Kedah Peak (Ridley, Robinson)." Malay Peninsula

Ischaemum commutatum Hack. in DC. Monogr. Phan. 6: 209. 1889.

(Hack. in Trimen, Syst. Cat. Ceyl. Fl. 107. 1885, without descr.)

"*I. semisagittatum* Thwaites [not in Cat.] En. Fl. Zeyl. p. 365 non Roxb." cited.

"[Thwaites Ceylon Fl. 2625]"

Ceylon

Ischaemum conjugatum Roxb. Hort. Beng. 8. 1814; nom. nud.; Fl. Ind. ed. Carey 1: 323. 1820.

"A native of pasture land in the vicinity of Calcutta."

India

Ischaemum coreanum Nakai ex Mori, Enum. Fl. Corea 45.

1922, nom. nud.; Nakai, Bot. Mag. Tokyo 37: 121.

1923, in Japanese, op. cit. 38: 52. 1924; "Nakai mss. (in Sched. Herb. Imp. Univ. Tokyoensis 1920)" in Honda.

"Corea: Seoul (U. Okada, ---1912)."

Asia

Ischaemum corollatum Nees ex Steud. Syn. Fl. Glum.

1: 369, 454. 1854, as syn. of *Andropogon corollatus* Nees; (Steud.) W. Mats. ex Atkins. Gaz. N. W. Prov. India 10: 392. 1882.

Based on *Andropogon corollatus* Steud.

Kew Bull. Misc. Inf. 1933: 354; "Having seen the type sheet (Boyle 264) I find that it is identical with *Phacelurus speciosus* (Nees) C.E. Hubbard (= *Andropogon speciosus* Nees ap. Steud. Syn. 1: 375) the type of which Boyle 263 is also in the Berlin Herbarium." C.E.C. Fischer.

India, Central Asia

Ischaemum corrugatum Ham. ex Wall. List n. 8864 E.

1849, nom. nud. as syn. of *Meoschium rugosum* Nees;

Asia

Not in Hackel

Ischaemum crassipes (Steud.) Thell. in Fedde, Repert. Sp. Nov. 10: 289. 1912.

Based on "*Andropogon crassipes* Steudel."

Hrb. Mus. Leidens. Japan

(Hack.)
Ischaemum crassipes var. *aristatum* Nakai, Bot. Mag. Tokyo 37: 121. 1923, in Japanese; Nakai in Honda, op. cit. 38: 53. 1924. Latin description.

"Nakai mss. (in Sched. Herb. Imp. Univ. Tokyoensis 1918)."

Several specimens cited from Honda, Kiusiu, Liukiu, Formosa and "Corea: in littore Chanzen (T. Nakai no. 5110--1916)"--latter only one collected by Nakai.

Ischaemum crassipes (Steud.) Thell. f. *aristatum* (Nakai)

Ohwi, Acta Phytotax. & Geobot. 11: 173. 1942.

"var. *aristatum* Nakai"

[Based on *I. crassipes* var. *aristatum* (Nakai) Ohwi] so cited in English translation of Ohwi, Fl. Japan

Ischaemum crassipes var. *formosanum* (Hack.) Nakai, Bot. Mag. Tokyo 33: 2. 1919.

Based on *Ischaemum Sieboldii* var. *formosanum* Hack. Biyoriitsu, Faurie 721

Ischaemum crassipes var. *formosanum* f. *aristatum* (Nakai) Ohwi, Acta Phytotax. Geobot. 11: 173. 1942.

"Nakai ex Honda in Bot. Mag. Tokyo 37: 121. 1923; 38: 53. 1924 here"

"omnia pro var."

* "(in Sched. Herb. Imp. Univ. Tokyoensis, 1918) var. nov." descr. Latin

Ischaemum crassipes var. *glaucum* Honda, Journ. Pao. Sci. Univ. Tokyo Sect. III, Bot. 3: 355. 1930.

"Honda: Tanabe, prov. Kii (N. Ul, no. 3, ann. 1926); Okazaki, prov. Kii (S. Sakaguchi, no. 58, ann. 1929)

Japan

Ischaemum crassipes var. *hainanense* Keng, Sunyatsenia 3: 20. 1935.

"Type in the U.S. National Herbarium No. 1105266, collected among brush near pond, Hoihow, Hainan, China, Sept. 19, 1921, by A. S. Hitchcock (No. 19201)."

Ischaemum crassipes var. *Hondae* (Matsuda) Nakai, Bot. Mag. Tokyo 33: 2. 1919.

Based on *Ischaemum Hondae* Matsuda
China

Tai-pin-mun...No. 367; Tau-yun-dong...No. 437; Swi-shing-kow... (No. 93) Ya-feng...nos. 430, 479; Chi-ling No. 111
Honda, coll. Hang-ohou, Cheh-kiang

Ischaemum crassipes var. *momiyamai* Honda, Journ. Pao. Sci. Univ. Tokyo Sect. III, Bot. 3: 355. 1930.

"Honda: Hayama, prov. Sagami (Y. Momiyama, ann. 1928)
Japan

Ischaemum crassipes (Steud.) Thell. f. *pilosum* Chung, Man. Grasses Korea 48. 1955; Journ. Wash. Acad. Sci. 45: 214. 1955.

"Type specimen: Chung's collector 4843, Cheju Do, Mich. Other Korean specimen examined: Taquet 3555, U.S."

Ischaemum crassipes (Steud.) Thell. var. *typica* Nakai, Bull. Nat. Sci. Mus. 31: 139. 1952.
"Korea"

Ischaemum crinitum (Thunb.) Trin. Mém. Acad. St. Pétersb. VI. Math. Phys. Nat. 2: 298. 1832.

Based on "*Andropogon crinitus* Thunb!"

= *Pogonatherum crinitum*!
[Japan]

Ischaemum cuspidatum Roxb. Hort. Beng. 8. 1814, without descr.; Fl. Ind. ed. Carey 1: 325. 1820.

"A native of Bengal."

India

Ischaemum dalzellii Stapf in Bor, Kew Bull., No. 3: 448. 1951.

India Or.: Bombay: Yellapur, 25 Oct. 1884, "road-sides in forest, common, W. A. Talbot, 738 (typus in Herb. Kew.). Ceylon: near Colombo, W. Ferguson, C.F. 3263 (*I. conjugatum* Roxb.).

Ischaemum decumbens Benth. Fl. Austral. 7: 521. 1878.

"N. Australia. Port Darwin, Schultz, n. 126."

Ischaemum denticulatum Ham. ex Wall. List n. 8857. 1849, nom. nud. Not in Hackel.

Ischaemum digitatum Brongn. in Duperrey, Bot. Voy. Coquille 2: 70. pl. 13. 1831.

"Loc. L'île de Bourou, dans les Moluques."

[Buru, Moluccao]

Malay Archipelago

Ischaemum digitatum var. *polystachyum* (Presl) Hack. in DC. Monogr. Phan. 6: 233. 1889.

Based on "*I. polystachyum* J. S. Presl!"

Marianne Isl. (Ladrones Isl. Pacific Ocean)

Ischaemum diplopogon Hook.f. Fl. Brit. Ind. 7: 129. 1896.

"Bombay: near Bhorkus, Woodrow."

India

Ischaemum duthiei Stapf ex Bor, Kew Bull. Misc. Inf. 1950: 188. 1950.

India. Netherhat, 1000 m., Oct. 1918, H.H. Haines 5856, "along streams" (Typus)

Ischaemum Eberhardtii A. Camus, Bull. Mus. Hist. Nat. 25: 202. 1919.

"Annam: vallée de la haute rivière de Cu-bi, pr. Quang-tri (Eberhardt, nos. 2002, 2059); Cu bi, pr. Thua thien (Eberhardt, no. 1297)."

Asia

Ischaemum ensiforme Ham. ex Wall. List n. 8878.

1849, as syn. of *Vossia procera* Wall. & Griffith

India

Ischaemum eriostachyum Hack. in DC. Monogr. Phan. 6: 218. 1889.

Hab. "China borealis: pr. Tschu-fu (Wawra in h. Vind.)"

Ischaemum eriostachyum Hack. f. *stenopterum* (Hack. ex Nakai) Chung, Man. Grasses Korea 49. 1955; Journ. Wash. Acad. Sci. 45: 215. 1955.

"*Ischaemum anthephoroides* (Steud.) Miq. var. *stenopterum* Hack. in Nakai.

Korea

Ischaemum falcatum Nees ex Steud. Syn. Fl. Glum. 1: 369. 1854, as syn. of *Andropogon falcatus* Steud.

China

Ischaemum fasciculatum Brongn. in Duperrey, Bot. Voy. Coquille 2: 73. 1831.

"Loc.: Ile Maurice."

Mascarene Isl.

Ischaemum fasciculatum var. *arouatum* (Nees) Hack. in DC. Monogr. Phan. 6: 235. 1889.

Based on "*Spodiopogon arouatus* Nees!"

In ripa Key fluvii alt. 500' et ...inter Ontento et Omsamulo infra 400' alt., (Drege)

Cape Colony, Afr.

Ischaemum feildingianum Rendle, Journ. Bot. Brit. & For. 32: 101. 1894.

"Gunong Leydang (Mt. Ophir). Nov. Growing on rock of Padang Batu." Johore. Feilding, collector.

Malay Peninsula

Ischaemum filiforme Willd. Sp. Pl. 4: 940. 1806.

"Habitat ad Cap. b. spei." [Cape Good Hope]

Ischaemum flumineum Bor, Kew Bull. Misc. Inf. 1949: 572. 1950.

India. Bombay: Jog, 28 April 1939, N. L. Bor 11350 (Typus in Herb. Kew. et in Herb. Dehra Dum.); Madras: Coimbatore, Top Slip, Nov. 1937, N. L. Bor s. n.

Ischaemum fluviatile Ridl. Fl. Malay Pen. 5: 202. 1925.

"On rocks in the middle of the river. Kelantan, Kelumpang (Haniff)." [Malay Peninsula]

Ischaemum foliosum Hack. in DC. Monogr. Phan. 6: 222. 1889.

"*I. murinum* var. *spiculis majoribus* Balansa in Bull. Soc. Bot. France, 19, p. 323." cited.

"Nova Hibernia (leg.?, v. in h. ber.) N. Caledonia ad Baie de Prony, (Balansa 707)."

Nova Caledonia ⁱⁿ Australasia

Nova Hibernia ⁱⁿ Melanesia

Ischaemum foliosum var. *leiophyllum* Hack. ex Ridley, Journ. Straits Branch Roy. Asiat. Soc. 45: 243. 1906.

(Ridley cites Hack. after var.

"from beyond Smith's Point to Flying Fish Cove, and along to near the Waterfall" "[Christmas Island]"

Islands Indian Ocean

Ischaemum fragile R. Br. Prodr. Fl. Nov. Holl. 205. 1810.

"(T.) Littora Novae Hollandiae intra tropicum." Collected on Cook's journey by Banks.

Australia

Ischaemum Franksae Wood, Kew Bull. Misc. Inf. 1908: 226. 1908.

("§ Bu-*ischaemum*" --Stapf)

J. Wylie (Hb. Wood 10540)

Tabanholpe, Natal. Africa

Ischaemum geniculatum Roxb. Hort. Beng. 8. 1814, without desor.; Fl. Ind. ed. Carey, 1: 324. 1820.

"A native of Bengal."

India

Ischaemum gibbum Trin. Mém. Acad. St. Pétersb. VI. Math. Phys. Nat. 2: 295. 1832.

"V. spp. Manill."

Philippine Islands

Ischaemum glabratum Presl, Rel. Haenk. 1: 328. 1830.

"Hab. in insulis Philippinis."

Philippine Islands

Ischaemum glabrescens Ham. ex Hook.f. Fl. Brit. Ind. 7: 31. 1896.

"Wall. Cat. n. 8688 D."

Ischaemum glabrum Walt. Fl. Carol. 249. 1788.

No locality cited. South Carolina

=*Tripsacum dactyloides* (L.) L. Man. U. S.

Ischaemum glaucescens Merr. Philippine Journ. Sci. Bot. 9: 263. 1914.

"Palawan, Lake Manguao, Mertil 9453, April 23, 1913; U.S."

Philippine Isl.

aff. *I. aristatum*

Ischaemum glaucostachyum Stapf in Thiseit.-Dyer, Fl. Cap. 7: 328. 1898.

"Kalahari Region: Transvaal; Finaars River, Nelson 17!"

So. Africa

Ischaemum goebelii Hack. Oesterr. Bot. Zeitschr. 51: 149. 1901.

"Ceylon: in humidis prope Colombo, leg. Goebel."

[Grown in Munich bot. gart. sent to Hackel 1900]

Ischaemum guianense Kunth ex Hack. in DC. Monogr. Phan. 6: 235. 1889.

(Kunth, Rév. Gram. 1: 168, 1829, nom. nud.)

"Guiana"

"Desor. as '*Androp. guianensis* Kunth' ex Steud. Syn. Fl. Gl. 1: 382. 1854."

Desor. as *Ischaemum guianense* Kunth by Hack. in DC. Monogr. Phan. 6: 235. 1889.

Ischaemum guianense var. *Schomburgkii* Hack. in DC. Monogr. Phan. 6: 236. 1889.

"Guyana anglica (Schomburgk 769)."

[British Guiana]

Ischaemum heterotrichum Hack. in DC. Monogr. Phan. 6: 220. 1889.

"Madagascar: Mayotte, Nosibé (Boivin in h. vind.)"

Ischaemum hirsutum Spreng. Syst. Veg. 1: 298. 1825.

Type loc.: "Brasil."

Ischaemum hirsutum Nees ex Steud. Syn. Fl. Glum.

1: 361. 1854, as syn. of *Rottboellia hirsuta* Vahl. (not Spreng 1825)

=*Rottboellia hirsuta* Vahl in Hack. Monog.

Aegypt - Arab.

Ischaemum hirsutum Peter, Repert. Sp. Nov. Fedde Beih. 40: 356 & Anhang, 115. pl. 74. 1936. Not Spreng. 1825.

"DO Afr. P 38993 s. oben S. 142 unter *Andropogon purpureo-sericeus* Hochst."

Tanganyika (German East Afr.)

Ischaemum hirtinodes Munro in Aitch. Journ. Linn. Soc. Bot. 18: 111. 1880, nom. nud.

"Drekalla, common at 9000 feet; July"

Aitchison 849. Afghanistan.

Ischaemum hirtum Hack. in DC. Monogr. Phan. 6: 228. 1889.

"India orient in montium Khasia regione subtropica ad 2000 m. alt. (Hook.f. et Thoms. h. Ind. or., '*Spodiopogon* nr. 13')."

Ischaemum hispidum (Humb. & Bonpl.) H.B.K. Nov. Gen. & Sp. 1: 194. 1816.

Based on *Andropogon hispidus* Humb. & Bonpl. ex Willd.

Cumana, Venezuela, S. Amer.

Ischaemum hokianum Honda, Bot. Mag. Tokyo 41: 6. 1927.

Hondo: in littore Hashizu, Prov. Hoki (Z. Yoshino, no. 6, anno 1926).

Japan

Ischaemum Hondae Matsuda, Bot. Mag. Tokyo 27: 106. 1913.

"Tai-pin-mun, Nov. (no. 367); Tsu-yun-dong, Sept., (no. 437); Swi-shing-kaw, Oct. (no. 93); (Ya-feng, Oct., (nos. 430, 479); Chi-ling, Nov. (no. 111). [Honda, Coll.]

Hang-chou, Cheh-kiang

Ischaemum Honda var. *tomentosum* Honda, Bot. Mag.
Tokyo 37: 121. 1923, in Japanese 38: 53. 1924.

"Formosa: Kelung (S. Sasaki, --1911)"

Ischaemum hubbardii Bor, Indian For. Res. n. ser. Bot.
1: 98. pl. 1938.

"A common grass in the Khasi and Jaintia Hills,
4-5000' usually found in swamps on the plateau near
Cherrapunji."
India

Ischaemum huegelii Hack. in DC. Monogr. Phan.
6: 252. 1889.

"India orient....Hügel in h. Vindob., 1658."
India

Ischaemum Ikomanum Honda, Journ. Fac. Sci. Univ.
Tokyo Sect. III, Bot. 3: 356. 1930.

"Honda: Iwado, prov. Inaba (Y. Ikoma, ann. 1929)."
Japan

Ischaemum imberbe Retz. Obs. Bot. 6: 35. [Error for
25]. 1791.

Cites: *Ischaemum aristatum* L.
No place cited.

[India, China]

Ischaemum imbricatum (Hack.) Stapf in Ridl. Fl. Malay
Pen. 5: 200. 1925.

I. aristatum [ssp. *imberbe*] var. *imbricatum* Hack.
In montium Khasia reg. trop. (Hook.f. et Thoms.);
Ceylon (Thwaites 869)

India

Ischaemum importunum Lour. Fl. Cochinch. 646. 1790.

"Cochinchina"

Ischaemum impressum Hack. in DC. Monogr. Phan. 16: 210.
1889.

"Asia (Hügel 4018 in h. Vindob.)."

Ischaemum indicum (Houtt.) Merr. Journ. Arn. Arb.
19: 320. 1938.

Based on *Phileum indicum* Houtt.
Java

Ischaemum indicum var. *indicum* subv. *villosum* (Nees)
Bor, Grasses of Burma, Ceylon, India and Pakistan
180. 1960.

Based on *Spodiopogon villosus* Nees in Hook. & Arn.
Bot. Beech. Voy. 242. 1838.

Ischaemum indicum var. *longipilum* (Hack.) Bor, Grasses
of Burma, Ceylon, India and Pakistan 1: 181. 1960.

Based on *I. ciliare* var. *longipilum* Hack.
Ceylon

Exsicc.- Thwaites C. P. 3167, Ceylon.

[see Bor, op. cit. 181-182. 1960, for elucidation
by Bor.]

Ischaemum indicum subv. *malacophyllum* (Hookst.) Bor,
Grasses of Burma, Ceylon, India and Pakistan 1: 180.
1960.

Based on *Andropogon malacophyllus* Hookst. ex Steud.
India, Ceylon, Burma and South-east Asia.

Exsicc.- Wallich 8859A.

Ischaemum indicum subv. *serobiculatum* (Nees) Bor,
Grasses of Burma, Ceylon, India and Pakistan 180. 1960

Based on *Spodiopogon serobiculatum* Nees ex Steud.
Ceylon

Exsicc.- Wight 2322.

Ischaemum indicum subv. *villosum* (Nees) Bor, Grasses of
Burma, Ceylon, India and Pakistan 1: 180. 1960.

Based on *Spodiopogon villosus* Nees in Hook. & Arn.
Bot. Beech. Voy. 242. 1838.

Ischaemum indicum var. *Wallichii* (Hack.) Bor, Grasses of
Burma, Ceylon, India and Pakistan 1: 180. 1960.

Assam, Sylhet

Exsicc.- Wallich 8860 B, Sylhet.

Ischaemum inerme Stapf in Bor, Kew Bull. No. 3: 448-
449. 1951.

India Or.: Bombay, Bandra, Oct. 1896. R.C.
Wroughton (typus in Herb. Kew).

Ischaemum insculptum Hookst. ex A. Rich. Tent. Fl.
Abyss. 2: 472. 1851.

"in pl. Schimp. Abyss., sect. II, no. 739."

"Crescit ad agrorum margines et in siccis prope
Guendepa....(Schimper)."

Abyssinia, Africa

Ischaemum intermedium Brongn. in Duperrey, Bot. Voy.
Coquille 2(2): 73. 1831.

"Oualan, l'ume des îles Carolines."

Micronesia

Ischaemum involucreatum Buss. ex Wall. List n. 8794 A.
1849, as syn. of *Andropogon schoenanthus* L. =
Cymbopogon

India

Ischaemum involutum G. Forst. Fl. Ins. Austr. Prodr.
73. 1786.

"Societatis insulae et passim intra tropicos."

Society Islands
Pacific Ocean

"*Ischaemum involutum* Forst. est. *Thuarea involuta*
R. Brown" fide Hack. in DC. Monogr. Phan. 6: 704.
1889, in index

Ischaemum involutum Labill. ex Kunth, Enum. Fl. 1: 512.
1833, as syn. of *Ischaemum muticum* L. Not Forst.
1786.

Ischaemum ischaemoides Nakai, Rigakka 26-5: 3. 1928.
[Fl. Bonin Isl. I.]

Ischaemum ischaemoides (Nees in Hook. & Arn.) Koidz.
Bot. Mag. Tokyo 43: 393. 1929.

Based on *Spodiopogon ischaemoides* Nees in Hook. &
Arn.

Hab. Bonin Dubious *Ischaemum* in Hack. Monogr.

Ischaemum juncifolium Ballard & Hubbard, Kew Bull.
Miso. Inf. 1934: 107. 1934.

"Northern Rhodesia: Mwinilunga District; near Mat-
onchi Farm in damp dambo by Dobekka stream, Sept.
1930. Milne-Redhead 1004."

Africa

aff. *I. Franksae* Wood

Ischaemum Junodii Haak. Vierteljahrs. Nat. Ges.
Zürich 52: 419. 1908.

"A. Junod 2365 a"

"Südafrika: Transvaalkolonie, Haut Bakhahe bei
Shilouwans."

Ischaemum Kingii Hook.f. Fl. Brit. Ind. 7: 129. 1896.

"Rajpootana; Mt. Aboc, King."

Rajputana, India

Ischaemum Koenigii (Hook.f.) Stapf ex G.E.C. Fisch.
in Gamble, Fl. Pres. Madras 10: 1719, 1722. 1934.

Based on *I. aristatum* ssp. *Koenigii* Hook.f.
Deccan Peninsula, Koenig.

India

Ischaemum koleostachys (Steud.) Hack. in DC. Monogr.
Phan. 6: 220. 1889.

Based on *Andropogon koleostachys* Steud.

Ex Hbros. Parisiensis (Nr. 157. sub.: *A. mollicomis*
Kunth?) Ins. Bourbon.

Reunion Isl.
Islands Indian Ocean Mascarene Islands

Ischaemum kotschyi Hookst. Flora 27: 247. 1844, as
syn. of *Sehima kotschyi* Hookst.

= *I. laxum* R. Br. var. *insculptum* (Hookst.) Hack.
in Hack. in DC. Monogr. Phan. 6: 245. 1889.

Ischaemum lacei Stapf ex Bor, Kew Bull. 1950: 187.
1950.

Burma. Amherst, Daigona Range, Muleyit Peak 2000 m.,
27 Jan. 1912, J. A. Lace 5627 (Typus in Herb. Kew.).
Mogok, Shwe-u-duang Reserve, 20 Dec. 1931, R. N.
Parker.

Ischaemum laeve Ridley, Journ. Straits Branch Roy.
Asiatic Soc. 44: 207. 1905 (July)

"Singapore at Galang (Ridley 9143)."

Ischaemum lanceolatum Keng, Journ. Washington Acad.
Sci. 21: 155. fig. 1. 1931.

Type in U. S. Nat. Herb. no. 1501523, collected
from Yunnan, China...by E. E. Maire (no. 7039);
duplicate type in Herb. Univ. Calif. no. 388785..

Ischaemum latifolium (Spreng) Kunth, Rév. Gram.
1: 168. 1829.

Based on *Andropogon latifolius* Spreng.

"Guadalupa, Martinica."

Lesser Antilles

Ischaemum latifolium (Steud.) Miquel, Ann. Mus. Bot.
Lugd. Batavi 2: 291. 1866. Not Kunth, 1829.

Based on *Rotboellia latifolia* Steud.

Ischaemum latifolium ssp. *hirtivaginum* Hitchc. Contr.
U.S. Nat. Herb. 24: 506. 1927.

Type in the U.S. National Herbarium, no. 1,163,404,
collected along trail in tropical forest, near
Cashuroo, 13 kilometers east of Baños, Ecuador,
altitude 1,300 meters, Sept. 25, 1923, by A. S.
Hitchcock (no. 21757).

Ecuador

Ischaemum latifolium var. *minus* Fourn. Mex. Fl.

2: 55. 1886.

Orizaba (Bott. n. 186 in meo herb., 1211 in herb. Van Heurck, Thomas in herb. Buchinger). Guadalupe, Martinica (Bél. n. 368, Hsbn. n. 112), Trinidad, Ega in regione Amazonarum (Poeppig), in Andibus Ecuadorensibus (Spruce), Brasilia.

Mexico, Lesser Antilles, South America

Ischaemum latifolium var. *oligostachyum* Hack. in DC.

Monogr. Phan. 6: 238. 1889.

"Venezuela: Merida (Moritz 1553 h. berol.); Bogota: pr. Cagueza (Karsten in h. vind.)."

Ischaemum laxum E. Br. Prodr. Fl. Nov. Holl. 205. 1810.

"(T.) Littora Novae Hollandiae intra tropicum."

Australia

Ischaemum laxum var. *insculptum* (Hochst.) Hack. in

DC. Monogr. Phan. 6: 245. 1889.

Based on "I. insculptum Hochst. ex A. Rich.

in pl. Schimp. Abyss. sect. II, no. 739. Crescit ad agrorum margines et in siccis prope Quendepta... (Schimper)

Abyssinia, Africa

Ischaemum leersii Munro, Proo. Amer. Acad.

4: 363. 1860. (in Benth, Fl. Hongk. 425. 1861.)

"Charles Wright in North Pacific Exploring Expedition."

"Whampoa, Lemna Island and Hong-Kong."

= *Eremochloa leersii* (Munro) Benth.

Ischaemum lisboae Hook.f. Fl. Brit. Ind. 7: 133. 1896.

"North Canara, Lisboa."

The Deccan Peninsula---India

Ischaemum littorale Reeder, Journ. Arn. Arb. 29: 345.

1948.

"Solomon Islands: San Cristoval: Waimamura, Brass 2593 (GH, type), August 5, 1932 (among coral rocks just above high water mark, common)"

Ischaemum longipilum (Hack.) Alston, Ann. Roy. Bot.

Gard. Peradeniya 11: 210. 1929.

Based on I. *oiliare* var. *longipilum* Hack.

Ceylon (Thwait, 3167); Birma pr. Maulmein (Kuntze)

Islands of Indian Ocean

Ischaemum longisetum Merr. Philippine Journ. Sci.

Bot. 9: 52. 1914.

"R. C. McGregor 502, Cabras Island, October 1911."

Philippines

Ischaemum lutescens Hack. in DC. Monogr. Phan.

6: 221. 1889.

"Kew Suppl. 8. gives Forest Brown in Ocas. Papers Bishop Mus. Honolulu 9: No. 4, 6. 1930, descr. ampl."

"Ins. Hawaii ad montem ignivomem (Maoras in h. berol. Didrichsen in h. Havn.)."

Hawaii Isls.

Ischaemum lutescens var. *pilosum* Brown, Ocas. Papers

Bishop Mus. 9(4): 7. 1930.

"Cook Islands, Aitutaki, near seashore, April 15, 1925, Gerrit P. Wilder, no. 337, type."

Polynesia

Ischaemum macrostachyum A. Rich. Tent. Fl. Abyss.

2: 472. 1851.

"Schima macrostachyum Hochst., [error for Schima] in pl. Schimp. Abyss., sect. III, no. 1705."

"Crescit in montibus versus fluvium Tacaze... (Schimper)."

Abyssinia, Africa

Ischaemum macrurum Stapf in Ridl. Fl. Malay Pen.

5: 203. 1925.

"Hab. Roadsides. Singapore (Hullett). Negri Sembilan (Ridley)." [Malay Peninsula]

Ischaemum maculatum Stapf in Ridl. Fl. Malay Pen.

5: 202. 1925.

"Hab. Swamps in open country. Johor, road to Castlewood; Tebrau River; Panchur (Ridley)

[Malay Peninsula]

Ischaemum magnum Rendle, Journ. Bot. Brit. & For.

32: 102. 1894.

"Blakan Mate, Singapore. J. B. Feilding, 1892."

Federated Malay States

Ischaemum mangaluri (Hack.) Stapf ex C.E.C. Fisch,

in Gamble, Fl. Pres. Madras 10: 1721, 1723. 1934.

Based on I. *aristatum* ssp. *imberbe* var. *mangaluri* Hack.

Peninsula Ind. Or. pr. urbem Mangalur (Hohenack. n. 184)

Ischaemum mastrucatum Trin. Mém. Acad. St. Pétersb. VI

Math. Phys. Nat. 2: 298. 1832.

"V. spp. Aegypt."

Africa

Ischaemum melioides Koen. ex Willd. Sp. Pl.

4: 941. 1806.

"Habitat in India orientali. (V. S.)"

= *Enteropogon melioides*. fide Hack.

Ischaemum mellei Stent, Bothalia 1: 238. pl. 1. 1924.

"Fastills Farm, Pretoria. Melle in Nat. Herb.

R. 21423."

Africa

Aff. I. *purpurascens* Stapf

Ischaemum merrillii Hack. Philippine Journ. Sci. Bot.

(Suppl.): 266. 1906.

"Luzon, Lepanto, monte Data (Balili). In locis apertis udis, 1,500 m.s.m. (4622 Merrill) November, 1905."

Philippine Islands

Ischaemum meyenianum (Nees) Steud. Nom. Bot. ed. 2.

1: 824. 1840.

Based on "*Meoschium meyenianum* Nees."

"Ad Promontorium Syng-moon"

China

Ischaemum minus Presl, Rel. Haenk. 1: 329. 1830.

"Hab. in insulis Philippinis."

Ischaemum molle Hook.f. Fl. Brit. Ind. 7: 128. 1896.

"The Concan? Herb. Dalzell. Central Province; Chanda district, Duthie."

India

Ischaemum montanum Russ. ex Wall. List n. 8818 A.

1849, nom. nud.

Ischaemum murinum G. Forst. Fl. Ins. Austr. Prodr.

73. 1786.

Cites: "Forst. Nov. Act. Ups. III. p. 185." Tanna

Melanesia

Ischaemum muticum L. Sp. Pl. 1049. 1753.

"In India."

Ischaemum muticum var. *erectum* Buse in Miquel, Fl.

Jungh. 358. 1854.

"Habitat in Sumatrae dumetis, prope Padang. ... Jungh."

Ischaemum myurus L. ex Munro, Journ. Linn. Soc. Bot.

6: 54. 1862, herb. name, as syn. of *Manisurus*

myurus L.

Ischaemum nativitatis Stapf ex P. Jansen, Reinwardtia

2: 298. 1953.

Ischaemum foliosum Hack. var. *leiophyllum* Hack. in Ridl., Bot. Christmas Island in J. Straits Br. rey. As. Soc. 45: 243. 1905)

Christmas Island (Ridley 6, 6a, Andrews 23).

Pacific

Ischaemum nervosum (Rottler) Thwaites, Enum. Fl. Zeyl.

365. 1864.

(Same comb. made by Gardner, Enum. Fl. Austral. Occ. 5. 1931.)

Based on "*Hologium nervosum* Nees." which is based on *Andropogon nervosus* Rottler ex Roem. & Schult.

"Ind. or.; Rottler, Wight"

"Wight, Cat. nr. 1689."

Ischaemum nilagiricum Hack. Oesterr. Bot. Zeitschr.

51: 150. 1901.

"India orient. in montibus Nilgherries ad Canoor, 1800 m.s.m. leg. Clarke 13-III. 1870 sub nro. 10791."

Ischaemum nodulosum [Honda], Bot. Mag. Tokyo 37: 120.

1923, in Japanese. 38: 49. 1924.

Boiss.)

"Ischaemum aristatum var. *gibbum* Hackel in B.H.B. (1904) p. 527, nom in DC Monogr. Phan. 6(1889) 204"-----

Hab. "Formosa: in arenosis Okaseki (U. Faurie, no 710---1903); Tamusi (T. Makino---1896)"

Ischaemum notatum Hack. in DC. Monogr. Phan. 6: 246.

1889.

"India or. in districtu Kamaon inter 1600 et 2300 m. alt. (Duthie in h.m.); prope Dunagiri supra Duarahat ad 2000 m. (id.)."

Ischaemum notopogon Nees in Miquel, Fl. Ind. Bat.

3: 500. 1855.

"Nees in Royl. Illustr. sub *Spodiopogon* var. *obvallata* (Steud., Glum. 1. p. 373 species titulo) in Steud. p. 373 is *Andropogon notopogon* Nees. (In Royle III. sub *Spodiopogon*---*Spodiopogon angustifolius* Trin. Act. Petrop. VII. II p. 300. Ic.t. 336. Ind. Or."

"Philipp eil (Cuming, n. 1002)"

Ischaemum nutans Liebo, List Bombay Grasses 54. 1896.

"Habit. -- Very common at Lanowli, Khandala and over the Ghats down to the foot."

India

Ischaemum ophiuroides Munro, Proc. Amer. Acad.

4: 363. 1860.

"Whampoa" [China]

Ischaemum paleacum Trin. Mém. Acad. St. Pétersb. VI.

Math. Phys. Nat. 2: 293. 1832.

"V. spp. Nepai."

India

Ischaemum palisoti Hochst. Flora 39: 107. 1856.

based on [*Calliocha disticha* Cavend.] pl. 21. f. 9. in Beauv. Atlas.

= *Ischaemum rugosum* Salisb. var. *segetum* (Trin.) Hack. in Hack. Monogr. p. 208.

Philippines

See *Meoschium palisoti* Hochst. based on same figure

Ischaemum pallidum (Nees) Kunth, Rév. Gram. 1: Suppl.

XL. 1830, without desor. but "*Arundinella pallida* Nees. Brasilia." cited as basis.

(See also Kunth, Enum. Fl. 1: 515. 1833.)

Brazil

Ischaemum paniceum Chauvin ex Steud. Syn. Fl. Glum.

1: 375. 1854, as syn. of *Andropogon paniceus* Steud.

"Urville legit in Ins. Valen Carolinarum" loc. for *Andropogon paniceus* Steud.

Pacific Isl.

Ischaemum papillosum Honda, Bot. Mag. Tokyo 41: 7.

1927.

"Hab. Kiushiu: Sashiki, prov. Higo (K. Mayebara, no. 85, anno 1925); ibidem (K. Mayebara, no. 224, anno 1925); ibidem (K. Mayebara, no. 225, anno 1926)

Kiushiu, Japan

Ischaemum papposum Rottl. ex Hook.f. Fl. Brit. Ind.

7: 301. 1896, as syn. of *Pappophorum elegans*. Nees

India

Ischaemum pectinatum Trin. Mém. Acad. St. Pétersb. VI.

Math. Phys. Nat. 2: 296. 1832.

"V. sp. e regno Birman."

Burma

Ischaemum? peruvianum (Presl) Kunth, Rév. Gram. 1:

Suppl. XLI. 1830, without description but "*Thysanachne peruviana* Presl. Peruvia." cited as basis.

(See also Kunth, Enum. Fl. 1: 515. 1833)

= *Arundinella*

Peru

Ischaemum petiolare (Trin.) Hack. in DC. Monogr.

Phan. 6: 238. 1889.

Based on "*Spodiopogon petiolaris* Trin."

Nepal, Asia

Ischaemum philippinense Ohwi, Acta Phytotax. & Geobot.

11: 175. 1942.

"Hab. Ins. Luzon: Singalong, in Rizal (Dec. 3, 1928 leg. E. V. Augustines and D. Banzon)."

Philippine Islands

Ischaemum pilosum Nees ex Trimen, Syst. Cat. Ceylon

Fl. 107. 1885, without description. Not Hack. 1889

In Trimen, Handb. Fl. Ceylon pt. 5: 217. 1900
"I. pilosum Nees ex Trim. Cat. Ceyl. Fl. 107 (non Hack.). *Spodiopogon rivalis* Thw. mss. C.F. 3871" is cited as synonym under *I. rivale* Hack.

see *Ischaemum pilosum* (Klein) Hack. in DC. Monogr. Phan. 6: 240. 1889.

Ceylon

Ischaemum pilosum (Klein) Hack. in DC. Monogr. Phan.

6: 240. 1889. [Klein in Willd.]
Sp. Fl. 4: 920

Based on "*Andropogon pilosus* Klein ap. Willd.!" [Given by Willd. as "*Klein in litt.*" but desor. initialed 'W'"]

India orientali Mysore (V. s.)

East Indies

Ischaemum plumulosum Stapf in Ridl. Fl. Malay Pen.

5: 201. 1925.

"Hab. River banks. Johor, Kota Tinggi (Ridley)."

[Malay Peninsula]

Ischaemum polystachyum Presl, Rel. Haenk. 1: 328.

1830.

"Hab. in insulis Marianus." Haenke

Basis of *I. digitatum* var. *polystachyum* (Presl) Hack
Ladrones Isl. (Pacific Ocean)

Ischaemum pubescens Merr. Philippine Journ. Sci. Bot.

9: 264. 1914.

"Dumaran, Bur. Sci. 21639 Esoritor, August 1913." U.S.
Aff. *I. aristatum* [L.]

Ischaemum purpurascens Stapf, Fl. Trop. Afr. 9: 32.

1917.

"*I. fasciculatum* [err. det.] Rendle...not of Brongn. cited.

[Mozambique Distr. Africa]

Ischaemum ramosissimum Hack. in DC. Monogr. Phan.

6: 249. 1889.

"Asia (Hügel in h. Vind., n. 1977, sine dubio ex Ind. or.)."

T.

Ischaemum Rangacharianum C.E.C. Fisch. Kew Bull. Misc.

Inf. 1933: 352. 1933.

"Malabar District: Shoranur, Nov., K. Ranga Achariyar (type in Kew Herb.)."

India

Ischaemum repens Roxb. Hort. Beng. 82. 1814, without

desor.; Fl. Ind. ed. Carey 1: 325. 1820.

"A native of Pulo-penang."

[= *I. muticum* L. in Hack.]

Penang. Straits Settlements

Ischaemum ritchiei Stapf in Bor, Kew Bull. Misc. Inf.

1951: 449-450. 1951.

India Or.: Bombay: Kanara, Ritchie (fide Munro) (typus in Herb. Kew.).

Ceylon

Ischaemum robustum Hook.f. Fl. Brit. Ind. 7: 139.

1896.

"N. W. Himalaya; Pauni, in Bursahir ...Brandis (Herb. Calcutt.)."

Pauni, India

[= *Phacelurus speciosus* (Steud.) Hubbard, fide Bor, who examined type in Roy. Bot. Gard. Sibpur. Indian Forester 66: 333. 1940.]

Ischaemum rottboelliioides R. Br. Prodr. Fl. Nov. Holl.

205. 1810.

"(T.) *Littora Novae Hollandiae intra tropicum*."

Basis of *Andropogon rottboelliioides* (R. Br.) Steud. and of *Rottboellia rottboelliioides* (R. Br.) Druse 1917 and Reeder, 1948; cited as syn. of *Rottboellia ophiuroides* Benth. by Benth. 1878, this name as valid in Hack. Monogr. 303.

Ischaemum royleanum Miquel, Fl. Ind. Bat. 3: 498. 1855.

List

"*Meoschium Royleanum* Nees mss. Wall. Cat. n. 8864 F.H.I. ...Achter-Indie, ...Saong-dong (Wall.)." cited; also in Steud. Syn. Fl. Glum 1: 375. 1854 as syn. sub *Andropogon tong-dong* Steud.

Nepal

Ischaemum rugosum Salisb. Icon. Stirp. Bar. 1. pl. 1.

1791.

"Gaertn. Carp. Suppl. p. 1. t. 181" cited by Hack.

India

Ischaemum rugosum Gaertn. Suppl. Carpol. 3: 1. pl. 181.

1805.

= Salisb. 1791, fide Hack. Monogr. p. 207.

[Southern Asia]

Ischaemum rugosum var. *arnottianum* (Nees) Hack. in

DC. Monogr. Phan. 6: 208. 1889.

Based on "*Meosch. Arnottianum* Nees"

"N. ab E. in Wight, Cat. n. 1720."

"Peninsula Indiae orientalis; ad Madras, Mrs. Griffiths in Herb. Lindl."

Ischaemum rugosum var. *distachum* (Cav.) Merr.

Philippine Journ. Sci. 1(Suppl.): 330. 1906.

distachyum

Based on "*Calliocha distachya* Cav."

[not in Hack.]

Ins. Mindanao prope Samboangan

Philippines

Ischaemum rugosum var. *namum* A. Camus, Bull. Mus.

Hist. Nat. 25: 498. 1919.

"Tonkin: pr. Bao giang, Nha-nam près Phu-lang-thuong (A. Chevalier)."

Indo-China

Ischaemum rugosum var. *segetum* (Trin.) Hack. in DC.

Monogr. Phan. 6: 208. 1889.

Based on "*I. segetum* Trin."

Manila, Philippine Isl.

Ischaemum Sakaguchii Honda, Bot. Mag. Tokyo 43: 293.

1929.

"Honde: Iusaki, prov. Kii (S. Sakaguchi, no. 7, anno 1928)."

Japan

Ischaemum santapauli Bor, Journ. Bombay Nat. Hist.

Soc. 49(2): 167-168. 1950.

Type: India: Bombay Presidency, Karjat, O.I.P. Hly Riversides. 11-12-1949, H. Santapau 9665. (Typus in Herb. Kew. et in Herb. Blatter, Bombay.)

Ischaemum scarosum Walt. Fl. Carol. 249. 1788.

No loc. cited. [South Carolina]

? = *Manisuris cylindrica* (Michx.) Kuntze

Man. U. S.

Ischaemum Schreberi Schweigger, Fl. Erlang. ed. 2.
1: 16. 1811.

Cites: "*Panicum sanguinale* Pollich. palat. n. 60.
Leers. herb. 42. tab. 2. fig. 6."

Ischaemum scrobiculatum Wight. & Arn. ex Steud. Syn.
Fl. Glum. 1: 373. 1854, as syn. of *Andropogon*
bifidus Steud.

Cited sub *Ischaemum ciliare* var. *scrobiculatum*
Hack. described.

Ceylon

Ischaemum secundatum Walt. Fl. Carol. 249. 1788.

No loc. cited. [secundatum in copy]

South Carolina

= *Stenotaphrum secundatum* (Walt.) Kuntze

Man. U.S.

Ischaemum segetum Trin. Mém. Acad. St. Pétersb. VI.
Math. Phys. Nat. 2: 294. 1832.

"V. spp. Manill."

Philippine Islands

Ischaemum sehima Spreng. Syst. Veg. 1: 298. 1825.

Based on "(*Sehima ischaemoides* Forsk.)"

"Yemen in montibus ad Hadie"

Arabia

Ischaemum semisagittatum Roxb. Hort. Beng. 8. 1814,
nom. nud.; Fl. Ind. ed. Carey 1: 322. 1820.

"A native of newly formed pasture land in Bengal."

India

Ischaemum semisagittatum var. *dasyanthum* Hack. in
DC. Monogr. Phan. 6: 209. 1889.

"Asia (Hugel in h. vind. 2081)."

Ischaemum semisagittatum var. *glabrescens* Hook.f.
Fl. Brit. Ind. 7: 131. 1896.

No loc. cited

[India]

Ischaemum setaceum Honda, Bot. Mag. Tokyo 37: 122.
1923, in Japanese; op. cit. 38: 54. 1924.
Latin desor.

"Formosa: Kōtōshō S. (Sasaki, no. 7-1911)"

Ischaemum sieboldii Miquel, Ann. Mus. Bot. Lugd.
Batavi 2: 291. 1866.

"Keiske et Siebold legerunt secus lacum prope
Kawarna aliisque locis."

[Japan]

Ischaemum sieboldii var. *formosum* Hack. Bull. Herb.
Boiss. II. 4: 527. 1904.

"In litore Biyortsu, Faurie 721."

Formosa

Ischaemum sparteum Ham. ex Wall. List. n. 8845 C.
1849, nom. nud.

India

Ischaemum spathiflorum Hook.f. Fl. Brit. Ind. 7: 138.
1896.

"Bombay; hills of Salsette Isld. in stony places,
Jacquemont (n. 797)."

India

Ischaemum spathulatum C. Cordem. ex E. Cordem. Fl.
Ile Reunion 121. 1895.

"Rare. Riviere de Saint-Denis."

Mascarene Group

Ischaemum speciosum (Steud.) W. Wats. Atkins, Gaz.
N. W. Prov. India 10: 392. 1882.

(Nees ex Steud. Syn. Fl. Glum. 1: 375, 454. 1854,
as syn. of *Andropogon speciosus* Steud.)

W. Wats. does not use Nees but gives Steud. as basis

Based on *Andropogon speciosus* Steud.

Royle hrbr. nr. 263. Nepal.

India

(Steud.)

= *Rottboellia speciosa* Hack.

Ischaemum stenopterum (Hack.) Honda, Bot. Mag. Tokyo
37: 121. 1923, in Japanese; 38: 51. 1924.
Latin desor.

[o]

Cites: *Ischaemum anthephroides* var. *stenoptera*
[Hack. presumably] pub. here as syn.
(37: 121. 1923)

1924: cites same "Hackel in litt. ex Nakai in T.B.M.
38 (1919) p.3." [Tokio Bot Mag]

[Should be vol. 33]

Corea

Ischaemum stipitatum Chiov. Nuov. Giorn. Bot. Ital.
n. ser. 26: 58. 1919.

"Catanga plateaux des Bianos" [S. E. Congo State,
Africa. Coll. H. Bovone]

Ischaemum Stokesii F. Brown, Bishop Mus. Bull. 84:
53, pl. 2. 1931.

Rapa, Marais....Jan. 6, 1922, A. M. Stokes, no.
450 type.

[Isl. Pacific Ocean]

Ischaemum Stolzii Pilger, Bot. Jahrb. Engler 54: 280.
1917.

"Nördl. Nyassaland--Oberes Kondeland: Kymbila,
1200 m. u. M., Kyjo--Vorberge, zwischen Steinen
(Stolz n. 1248!--Mai 1912)."

Ischaemum ? striatum L. ex Beauv. Ess. Agrost. 166.
1812, nom. nud.

name only, referred to *I. imberbe* Retz.

India

Ischaemum striatum (Klein) Domin, Bibl. Bot.
85: 260. 1915.

Based on *Andropogon striatus* Klein ex Willd.

Malabar (v. s.)

India

Ischaemum striatum var. *piligerum* Domin, Bibl. Bot.
85: 260. 1915.

"Eucalyptus-Wälder bei Mareeba (Domin, II. 1910)."

Australia

Ischaemum striatum var. *stenophyllum* Domin, Bibl. Bot.
85: 260. 1915.

"West-Queensland: dürre Savannenwälder und Hügel
bei Clonourry (Domin, II. 1910)."

Australia

Ischaemum sulcatum Hack. in DC. Monogr. Phan. 6: 248.
1889.

"India orient. prope Marsingpur prov. Centralis,
alt. 330 m. (O. Kuntze in h. prop.)"

India

Ischaemum taborense Pilger, Notizbl. Bot. Gart.
Berlin 13: 406. 1936.

"Bezirk. Mahenge: Tabora (bei Station Mahenge), ca.
9000 m ü. M., im Pandanus-Wald in grossen Gruppen
am Bachufer (Mai 1932--H. J. Schlieben n. 2171)."

Ostafrika. (Tanganyika-Territ.)

Ischaemum tallanum Rendle, Journ. Bot. Brit. & For.
31: 359. 1893.

"Scott Elliot, Sierra Leone Boundary Commission,
No. 4927. On granite rock by waterside, Minia,
Talla, Feb. 1892."

Africa

Ischaemum Tashiroi Honda, Bot. Mag. Tokyo 37: 120.
1923, in Japanese; op. cit. 38: 50. 1924. Latin.

"*Ischaemum rugosum* v. *segetum*, (non Hackel) Matsuo-
mura Ind. Fl. Jap. II. 1. 1905. p. 61. pp."

"Formosa: Taihoku (Y. Tashiro, No. A. 42.---1895.)"

Ischaemum tenellum Roxb. Hort. Beng. 82. 1814, nom.
nud.; Fl. Ind. ed. Carey 1: 324. 1820.

India

Ischaemum tenue Ham. ex Wall. List n. 8866 A.
1849, nom. nud.

India

Ischaemum tenuifolium A. Camus, Bull. Mus. Hist. Nat.
25: 284. 1919.

"Cochinchine et Laos (Counillon)."

Ischaemum Thomsonianum Stapf ex C.E.C. Fisch. in
Gamble, Fl. Pres. Madras 10: 1719, 1722. 1934.

"*I. murinum* Hook.f. non Forst." cited.
[Forst. misappl. by Hook.f.]

[Cited by Hooker]

Mysore or the Carnatio, G. Thomson -- Distr.
Tanna Isld. (New Caledonia)

Ischaemum timorense Kunth, Rev. Gram. 1: 369. pl. 98.
1830.

"Crescit in insula Timor."

Dutch East Indies

Ischaemum timorense var. *chordatum* (Trin.) Hack. in
DC. Monogr. Phan. 6: 231. 1889.

Based on "*Spodiopogon chordatus* Trin.!"

Ischaemum chordatus Thell. same basis.

"V. spp. ex Insa. Marian. et Carolin."

Ischaemum timorense var. *peguense* Hack. in DC.
Monogr. Phan. 6: 230. 1889.

"Pegu (Reynaud)"

Burma

Ischaemum timorense var. *petiolatum* Haack. ex Trimen,
Syst. Cat. Ceylon Fl. 107. 1885, nom. nud.

Ceylon

Ischaemum timorense var. *punctatum* Honda, Bot. Mag.
Tokyo 37: 123. 1923, in Japanese

Ischaemum timorense var. *villosum* C.E.C. Fisch. in
Gamble, Fl. Pres. Madras 10: 1722. 1934.

India

Ischaemum timorense var. *zeylanicum* Haack. in DG.
Monogr. Phan. 6: 230. 1889.

"Ceylon (Thwait. 3168)."

Ischaemum todayense Elmer, Leaf. Philippine Bot.
7: 2678. 1915.

"Specimen number 10521, A.D.E. Elmer, Todaya (Mt.
Apo), District of Davao, Mindanao. May, 1909."
U.S.

Ischaemum travancoreense Stapf, Kew Bull. Misc. Inf.
1933: 353. 1933.

"Travancore: Alleppy in backwaters, Dec., M. A.
Lawson 130 (type in Kew Herb.)."
Aff. *I. magno* Rendle

Ischaemum triticeum R. Br. Prodr. Fl. Nov. Holl. 205.
1810.

"(T.) Littora Novae Hollandiae intra tropicum."
Australia

Ischaemum truncatiglumis F. Muell. in Benth. Fl.
Austral. 7: 518. 1878.

"N. Australia. Arnhem's Land, F. Mueller."

Ischaemum tumidum Stapf in Bar, Kew Bull. 1951: 450-
451. 1951.

India Or.: Madras: Concan, Stocks (typus in Herb.
Kew.). Bombay: Khandala, St. Xavier's
Villa, 17 May 1949, H. Santapau 10031.

Ischaemum turneri Haack. in DC. Monogr. Phan. 6: 232.
1889.

"Nova Hibernia (Turner in h. berol)."
Melanesia

Ischaemum urvillianum Kunth, Rév. Gram. 1: 167. 1829,
nom. nud.; Kunth ex Duperrey, Bot. Voy. Coquille
2: 69. pl. 12. 1830.

"Chili" *error*

"Loc.: Ile Sainte-Catherine, au Brésil, (C'est par
erreur que M. Kunth a cité cette plante comme re-
cueillie par M. d'Urville au Chili.)"

Brazil

[1]
Ischaemum urvillianum var. *ischaemoides* (Hook. & Arn.)
Honda, Bot. Mag. Tokyo 38: 54. 1924.
(Honda, Bot. Mag. Tokyo 37: 122. 1923, in Japanese
--no basis given)

Based on *Spodiopogon ischaemoides* W. J. Hook. & Arn.

"Hab.: Bonin Islands of North Pacific
"Dubious--*Ischaemum* in Haack." p. 218.

Ischaemum villosissimum Honda, Bot. Mag. Tokyo
41: 8. 1927.

"Hab.: Formosa: inter Shoochikaku et Owaiun (B.
Hayata, anno 1919)."

Ischaemum villosum R. Br. Prodr. Fl. Nov. Holl. 205.
1810.

"(T.) Littora Novae Hollandiae intra tropicum."
Australia

Ischaemum vitense Summerhays, Kew Bull. Misc. Inf.
1930: 253, 264. 1930.

"Fiji Islands: Fulanga--July 30th. 1927.
J. D. Tothill 152."
aff. *I. longisetum* Merr.

Ischaemum vulgare Lob. ex Beauv. Ess. Agrost. 166.
1812, nom. nud.

A pre-Linnaean name referred to *Digitaria sanguina-*
lis fide Chase

Ischaemum zeylanicum (Haack.) Bor, Grasses of Burma,
Ceylon, India and Pakistan. 1: 186. 1960.

"*I. timorense* var. *zeylanicum* Haack. in D.C. Monogr.
Phan. 6: 230. 1889.

Ceylon, Bombay

Exsicc.- Alston 1098, Kandy; Thwaites C. P. 963,
Ceylon

Ischaemum zeylanicum Haack. ex Trimen, Syst. Cat. Ceyl.
Fl. 107. 1885, without descr.

"*I. falcatum*." cited.

Ceylon

Ischaemum zollingeri (Steud.) Miquel, Fl. Ind. Bat.
3: 499. 1855.

Based on *Andropogon zollingeri* Steud.

Zollinger hrbr. nr. 2802

Java

Ischnochloa falconeri Hook. in Fl. Brit. 7: 148. 1896;
Icom. pl. t. 2466. May 1896.

"North Western Himalaya; growing amongst moss,
Falconer."
Asia

Exsicc.- Type at Kew; J. S. Gamble 27208, Mussoorie
Bor, Grasses of Burma, Ceylon, India and Pakistan
p. 186. 1960.

Ischnurus pulchellus Balf. f. Proc. Roy. Soc. Edinb.
12: 98. 1884.

Date of meeting is Jan. 29, 1883
t.p. is 1884

[plate 98, Bot. Socotra 1888. Trans. Roy. Soc.
Edinburgh 31.]

"apud Galonsir crescens. B.C.S. Nos. 109, 301."
[Balfour, Cockburn & Scott]

Indian Ocean

Ischnochloa arundinacea var. *orientalis* Buse in
DeVries, Fl. Ind. Bat. Or. 115. 1857.

Based on *Bambusa orientalis* Nees.

Ischnochloa floribunda Buse in Miq. Fl. Jungh. 390.
1854.

"Habitat insulam Javae. Nomen incois Bambu tjina
alu. Jungh. E. Japonia allata est, teste Zoll.
no. 3487 in herb. Soc. flor. Neerl."

Java

Ischnochloa spinosa (Romb.) Buse in Miq. Fl. Jungh.
390. 1854.

Based on "*Bambusa spinosa* Roxb."

Ischnochloa stenostachya (Haack.) Nakai, Rika Kyōiku
15: 68. 1932, without descr.

Presumably based on *Bambusa stenostachya* Haack.--
Haack. is given in parenthesis

Isellema actinostachys Domin, Bibl. Bot. 85: 282. taf.
12. fig. 1. taf. 13. fig. 2. 1915.

"Queensland: auf den Grasflößen der Rolling Downs
zwischen Hughenden und Mount Walker: zwischen Hugh-
enden und Cloncurry; in den Savannawäldern bei
Pentland (Domin, II.- III. 1910).
N. S. Wales: Die von Turner in Austral. Grasses
11 cum tab. (1895).
South Australia: Mount Lyndhurst (Max Koch)."

Isellema antheropoides Haack. in DC. Monogr. Phan.
6: 683. 1889.

"India or. (Wall. 8767 A); Peninsula (Wight. 2335);
ad Appiahilly in ditione Cuddapah (leg?; via in
h. Nees); pr. Scholapur (d na Steud in h. m.)."

Isellema arguta (Nees) Anders. in Nov. Act. Soc. So.
Upsal III. 2: 252. 1856.

Based on "*Anthistiria arguta*. Nees mpt. Steud!"

Isellema calvum C. E. Hubb. Hook.f. Icom. Fl. 33
(tabl. 3286):1. 1935.

"Queensland. Burke District: Jardine Valley, near
Hughenden, in open *Astrelia lappacea* grassland,
heavy dark-brown soil, 350 m., Feb. 1931, Hubbard
& Winders 7173 (type)."

C.E.
Isellema ciliatum Hubb. in Hook.f. Icom. Fl.
33 (tabl. 3286): 6. 1935.

"Queensland. Burke District: near Hughenden, to-
wards Mt. Walker, in grassy places, Feb. 1910,
Domin (Herb. Domin)."

Aff. *I. trichopodi* Hubbard

Isellema convexum C.E. Hubb. Hook.f. Icom. Fl.
33 (tabl. 3286): 8. 1935.

"Queensland. Darling Downs District: cultivated
on the property of Dr. Hirschfeld at Bybera, Jan.
1934, White 9741 (type)."

Isellema dolichotrichum C.E. Hubb. Hook.f. Icom. Fl.
33 (tabl. 3285): 1. 1935.

"Queensland. Gregory North District: Duchess,
banks of gully, on hard reddish-brown soil, 354 m.,
Feb. 1931, Hubbard 7347."

Aff. *I. membranaceo* (Lindl.) Domin

Isellema eremacum S. T. Blake, Proc. Roy. Soc.
Queensl. 49: 83. pl. 3. 1938.

"Gregory South District: Birdsville, on fine drift
sand on gibber slopes 19-7-1936, Blake 12213 (type).
Aff. *I. membranaceo* (Lindl.) Domin Queensland
Australia

Isellema filipes S. T. Blake, Queensl. Univ. Dept.
Biol. Papers 2(3): 60. 1944.

"Western Australia.--Kimberley Division: Kunmuya
Mission, Feb., 1941, G. Holmes in herb. S. A.
Black."

Isellema fragile S. T. Blake, Proc. Roy. Soc. Queensl.
49: 85. pl. 4. 1938.

"Burke District: Hughenden, grassland downs on grey-
brown clay loam ca. 1,100 ft., 19-5-1936, Blake
11545 (type)."

Queensland, Australia

Isellema holei Haines, Bot. Bihar & Orissa Pt. 5:
1055. 1924.

"Palawan, in moist ground in the forest!"
[British India]

Iseilema Holmesii S. T. Blake, Queensl. Univ. Dept.
Biol. Papers 2(3): 59. 1944.

"Western Australia.--Kimberley Division: Kummunya Mission, May 30th, 1942, Holmes in herb. R. A. Black 5000.012 (BRI, MEL).

BRI = Queensl. Herb., Brisbane
MEL = Nat. Herb. of Victoria (Melbourne Herb.)
aff. *I. ciliata* C. E. Hubbard
I. membranaceus (Lindl.) Domin

Iseilema laxum Hack. in DC. Monog. Phan. 6: 682. 1889.

"*Iseilema prostratum* Anderss." [misapplied] cited, but not basis of *I. laxum*.

"India or p. Patna et Muroo (Wall. 8767 B.C); in distr. Isohanda (Duthie in h.m.); Peninsula (Wight 1711a, 167^a n. prop.); Pondichery (Ferrott s.n.); Ceylon pr. Chilaw (Trimen in h. m., forma spiculosis involucribus carinis scabris, glabris)."

See Hack. 682.

Iseilema maorathera Domin, Bibl. Bot. 85: 283, taf. 12, fig. 3, taf. 13, fig. 3. 1915.

"Nordost-Queensland: am Fusse einiger Karsthügel ("Bluff") bei Chillagoe, seltener (Domin, II. 1910)."

Iseilema maculatum P. Jansen, Reinwardtia 2: 302. 1953.

Metar, Lesser Sunda Islands, Elbert, Sunda Exped. 4685 (type; Herb. Lugd. Bat. 941.215-87). In dry *Eucalyptus* savannahs near the coast, up to 50 m. altitude.

Malay archipelago

Iseilema membranacea (Lindl.) Domin, Bibl. Bot. 85: 280. 1915.

Based on *Anthistiria membranacea* Lindl.

Australia

Iseilema membranacea var. *trichopus* (Benth.) Domin, Bibl. Bot. 85: 281. 1915.

Anthistiria membranacea var. *trichopus* Benth.

Australia

Iseilema minutiflorum P. Jansen, Acta Bot. Neerl. 2: 382. 1953.

Lesser Sunda Islands: Sumba Island, Miolo, Monod de Froideville 2012 (type in Herb. Bogor.).

Malay Archipelago

Iseilema mitchellii Anderss. in Nov. Act. Soc. So. Upsal. III. 2: 252. 1856.

"Hab. in Nova Hollandia interiori (Maj. Mitchell.)"

Australia

Iseilema mitchellii var. *trichopus* (Benth.) Hack. in DC. Monog. Phan. 6: 685. 1889.

Based on "*Anthist. membranacea* var. *trichopus* Benth."

Also basis of *I. trichopus* (Benth.) C.E.Hubb.

Australia

Iseilema prostrata Anderss. in Nov. Act. Soc. So. Upsal. III. 2: 251. 1856.

[as new Kuntze Rev. Gen. Fl. 778. 1891. same basis]

Based on "*Andropogon prostratum* L."

[= *I. wightii* fide Hackel]

Ind. or. Koenig

[*Iseilema*]
Iseilema Schmidii A. Camus, Journ. d'Agric. Trop. & Bot. Appl. 11: 201. 1955.

Cambodge: plaine de Sisophon, à Poi pet; --- Schmid 2467.

Iseilema siamense C.E. Hubb. Kew Bull. Misc. Inf. 80. 1927.

"Siam. Chaibadan, Menam Pasak, 150 ft., in bamboo jungle, Kerr 7980."

Iseilema Thorelii A. Camus, Bull. Mus. Hist. Nat. No. 7: 540. 1918.

"Laos: Mékong à Bassac (Thorel)."

Indochina

Iseilema trichopus (Benth.) C.E.Hubb. in Hook.f. Icon. Pl. 33(tabl. 3286): 7. 1935.

Based on

Anthistiria membranacea var. *trichopus* Benth.

Also basis of *I. mitchellii* var. *trichopus* (Benth.) Hack.

Australia

Iseilema vaginiflora Domin, Bibl. Bot. 85: 281, taf. 12, fig. 2, taf. 13, fig. 1. 1915.

"Queensland: die Grasflächen der Rolling Downs bei Hughenden (Domin, II. 1910)."

Australia

Iseilema vaginiflorum var. *fragile* (S. T. Blake) C. A. Gardn. Fl. West. Austral. 1. pt. 1: 353. pl. 102. F. 1952.

Based in *I. fragile* S. T. Blake

West Australia

Iseilema wightii (Nees) Anderss. in Nov. Act. Soc. So. Upsal. III. 2: 251. 1856.

Based on "*Anthistiria wightii* Nees mpt. Steud."

India

Iseilema windsorii C. E. Hubb. in Hook.f. Icon. Pl. 33(tabl. 3284): 1. 1935.

"Queensland. Burke District: Bundoran, near Nonda, in *Astrelia* grassland, in heavy dark-brown soil. 165 m., Feb. 1931, Hubbard & Windsors 7286 (type)."

Australia

Ixalum inerme Forst. f. Prodr. 92 (appendix) 1786, nom. nud. "S. Ibidum" [Nova Zeelandia]

Spinifex hirsutus in Ind. Kew. [if so, is staminate form]

Ixophorus glaucus Nash, Bull. Torrey Club, 22: 423. 1895.

Based on *Panicum glaucum* L. misapplied

= *Setaria lutescens* Man. U. S.

Ixophorus glaucus-laevigatus Chapm. ex Gattinger, Fl. Tenn. 38. 1901, without description.

Presumably based on *Setaria glauca* var. *laevigata* Chapm.

= *Setaria geniculata* Man. U. S.

Ixophorus italicus Nash, Bull. Torrey Club 22: 423. 1895.

Based on *Panicum italicum* L.

= *Setaria italica* (L.) Beauv. Man. U. S.

Ixophorus pringlei Scribn. Bull. U. S. Dept. Agr. Div. Agrost. 4: 6. pl. 2. 1897.

= "*Panicum schiedeanum* Beal, not Trin." cited.

"State of Jalisco, Mexico. No. 2047 (1888) and 2423 (1889) Pringle."

Mexico

= *Ixophorus unisetus* (Presl) Schlecht.

Ixophorus pringlei minor Scribn. Bull. U. S. Dept. Agr. Agrost. 4: 7. 1897.

"Colima, Mexico, No. 1256 E. Palmer, 1891."

= *Ixophorus unisetus* (Presl) Schlecht

Ixophorus schiedeanus Schlecht. in Limaea 31: 421. 1861-62. semi-nud, "Not described enough for publication" A.S.H.

"---specimens a ---Schiedeo a 1834 Decembri mense ad Atlasomuloo collecta."

Mexico

= *Ixophorus unisetus*

Ixophorus unisetus (Presl) Schlecht. Limaea 31: 420 and 747. 1862.

Based on "*Urochloa unisetata* Presl" comb. made in index p. 747.

Mexico

Ixophorus verticillatus Nash, Bull. Torrey Club 22: 422. 1895.

Based on *Panicum verticillatum* L.

= *Setaria verticillata* Man. U. S.

Ixophorus viridis Nash, Bull. Torrey Club. 22: 423. 1895.

Based on *Panicum viride* L.

= *Setaria viridis* Man. U. S.

Jansenella griffithiana (C. Muell.) Bor, Kew Bull. 1955: 98. f. 45. 1955.

Based on *Danthonia griffithiana* C. Muell. Bot. Zeit. 14: 347. 1856.

Arundinella avenacea Munro ex Thw. *Danthoniopsis griffithiana* (C. Muell.) Bor. 1940

Exsicc. - Griffith 6785, Khasia; W. A. Talbot 2255, North Kanara; J. S. Gamble 15449, Wynad; Thwaites, C. P. 3471, Ceylon; S. Kurz s.n., Burma.

Jarapha arundinacea Willd. ex Steud. Nom. Bot. ed. 2. 1: 797. 1840.

Stipa eriostachya H.B.K. cited as syn.

= *Stipa ichu* (Ruiz & Pav.) Kunth

Peru

see Jarava

Jarapha ichu Ruiz & Pav. ex Steud. Nom. Bot. ed. 2. 1: 797. 1840.

as syn. of *Stipa ichu*

Peru

see Jarava

Jarapha usitata Pers. ex Steud. Nom. Bot. ed. 2. 1: 797. 1840.

"*Stipa ichu*" cited

see Jarava

Peru

Jarava ichu Ruiz & Pav. Fl. Peruv. Chili 1: 5. pl. 6. f. b. 1798.

"Habitat in alpihus (vernaculi Punos de las Andes) Centae Huarochiri, Xauxas, Huanoavelloae, Tarmae, Huamuc, Huamalies et aliarum Provinciarum Regni Peruviani."

["Prod. Fl. Per. 2. t. 1 (1794)" cited in Ind. Kew, not described there; the common name in Spanish is given "*Jarava* (*ichu*):" only genera are described in this work, no species" - A.S.H.]

Andes Grasses

Jarava usitata Pers. Syn. Fl. 1: 6. 1805. (iohu R.&P.)

"J. iohu" "Fl. peruv. 1. p. 5. t. 6. f. b. ---
regni peruviana"

= *Stipa iohu* (Ruiz & Pav.) Kunth

Jardinea abyssinica Steud. Syn. Fl. Glum. 1: 360.

1854.

"Abyssinia"

= *Thelepogon elegans* in Stapf

Jardinea angolensis (Rendle) Stapf, Fl. Trop. Afr.

9: 52. 1917.

Based on
Rottboellia angolensis Rendle

Angola, Africa

Jardinea oongoensis Franch. ex Hack. in DC. Monog.

Phan. 6: 277. 1889.

"Franch in litt." ^{cit} as syn. of *Rhytachne oongoensis*
Hack.

"Brazzaville adfl. Congo leg. Thollon (in h Paris)"

Jardinea gabonensis Steud. Flora 33: 229. 1850,

nom. nud.; Syn. Fl. Glum. 1: 360. 1854.

"E. Jardin legit ad fluvium Gabon Senegambiae."

Africa

Jardinea kibambaleensis Vander. Bull. Agr. Congo

Belge 11: 140. 1920, without description; Bull.

Soc. Roy. Bot. Belg. 55: 31. 1922, spelled

kibambaleensis, nom. seminud.

"Bas-Kasai: Kibambale, avril 1914, no. 3,993
(V.D.R.)."

Belgian Congo Africa

Joachimia phalaroides Tenore, Fl. Neap. 1: 16. t. 5.

1811-1815.

2 plates in Fl. Neap. exactly alike, one named
"1. Beckmannia eruciformis", the other "2. Joachimia
phalaroides." [description in Italian]

= *Beckmannia eruciformis* (L.) Host.

Joachimia phalaroides Tenore, Fl. Neap. 1: 16. t. V. 695.

1817. in Roem. & Schult. Syst. Veg. 2: 695. 1817,

as syn. of *Beckmannia eruciformis* Host, Gram. austr.

III. t.6.

2 plates in Fl. Neap. exactly alike, one named
"1. Beckmannia eruciformis", the other "2. Joachimia
phalaroides Tenore Fl. neap. p. 16. t.V." Phalaris
erucoides Hortulan.

Brief description "In paludosis Europae australis,
Siberiae, et ad fretum Hudsonis."

Joannegria brizoides Chiov. Nuov. Giorn. Bot. Ital.

n. ser. 36: 371. 1929.

"Abyssinia meridionale, Darré, (n. 364)."

[Exped. Duke of Abruzzi]

Africa

Joannegria melicoides Chiov. Ann. Bot. 11: 1. 1913.

Based on *Negria melicoides* Chiov. (1912)

Africa

Jouvea pilosa (Presl) Scribn. Bull. Torrey Club

23: 143. 1896.

Based on "*Brizopyrum pilosum* Presl"

Mexico

Jouvea straminea Pourn. Bull. Soc. Bot. Belg.

15: 475. 1877.

"In arena littorali maris Pacifici prope San
Augustin --(Liebmann)"

Mexico

Kampmannia zeelandica Steud. Syn. Fl. Glum. 1: 35.

1854.

"N. Zealand."

Kaokoehloa nigrirostris de Winter Bothalia 7: 480. 1961.

South West Africa--Kaokoveld: 18.5 miles west of Otju
(Otjihu), miodeschist hillocks and mountain slopes with
coarse quartz and limestone gravel, de Winter and
Leistner 5679 (PRE, holotype; K, BM, B, BOL, Windhoek;
do. 5679a, cult. at Division of Botany from seed of
5679 (K, BM, M, B, Bol, Windhoek, N.Y.); Warmbad (Warm-
quelle) near Sesfontein, dolomite slope with quartz
intrusions, erect annual forming large almost pure
stands, de Winter and Leistner 5848 (K, BM, M, Bolus,
NY). The specific epithet is an allusion to the
characteristic black apices of the lemmas.

Kengia andropogonoides (Honda) Packer, Botaniska Notiser

113: 292. 1960.

Based on *Cleistogenes andropogonoides* Honda

[Manchuria: Prov. Hsing-an occident.: Wu-tan-cheng- Pa-
lin-chiao (N.H.K.) Sept. 28. 1933. - Typus] [Nakai,
Honda & Kitagawa]

Kengia bulgarica (Borrm.) Packer, Botaniska Notiser

113: 291. 1960.

Based on *Diplachne serotina* ssp. *bulgarica* Borrmüller,
Bot. Centralbl. 36: 156. 1888.

Dyn.: *Cleistogenes bulgarica* (Borrm.) Y. Keng.

Kengia caespitosa (Y. Keng) Packer, Botaniska Notiser

113: 292. 1960.

Based on *Cleistogenes caespitosa* Y. Keng.

Kengia chinensis (Maxim.) Packer, Botaniska Notiser

113: 291. 1960.

Based on *Diplachne serotina* var. *chinensis* Maxim.
Bull. Soc. Nat. Mosc. 54: 70. 1879.

Syn.: *Cleistogenes chinensis* (Maxim.) Y. Keng,
Sinensia 5: 192. 1934.

Kengia festuacea (Honda) Packer, Botaniska Notiser

113: 292. 1960.

Based on *Cleistogenes festuacea* Honda

Kengia foliosa (Y. Keng) Packer, Botaniska Notiser

113: 292. 1960.

Based on *Cleistogenes foliosa* Y. Keng

Kengia gracilis (Y. Keng ex P. Keng and Liou) Packer,

Botaniska Notiser 113: 293. 1960.

Based on *Cleistogenes gracilis* Y. Keng ex P. Keng &
Liou, Acta Bot. Sinica 9: 69. 1960.

Kengia Hackelii (Honda) Packer, Botaniska Notiser

113: 291. 1960.

Based on *Diplachne serotina* var. *aristata* Hackel,
Bull. Herb. Boiss. 7: 704. 1899, and on *Diplachne*
hackelii Honda, Journ. Fac. Sci. Univ. Tokyo, Sect.
III, Botany 3, p. 112. 1930.

Syn.: *Cleistogenes Hackelii* Y. Keng, Sinensia 11: 409.
1940. *Cleistogenes serotina* var. *aristata* (Hack.)
Y. Keng, Sinensia 5: 151. 1934.

Kengia hancei (Y. Keng) Packer, Botaniska Notiser

113: 292. 1960.

Kengia Kitagawai (Honda) Packer, Botaniska Notiser

113: 292. 1960.

Based on *Cleistogenes kitagawai* Honda

Kengia kokonorica (Hao) Packer, Botaniska Notiser 113:

293. 1960.

Based on *Cleistogenes kokonorica* Hao

Kengia longiflora (Y. Keng ex P. Keng and Liou) Packer,

Botaniska Notiser 113: 293. 1960.

Based on *Cleistogenes longiflora* Y. Keng ex P. Keng
and Liou, Acta Bot. Sinica 9: 69. 1960.

Kengia mceotica (Klokov & Zos.) Packer, Botaniska

Notiser 113: 293. 1960.

Based on *Cleistogenes mceotica* Klokov & Zos.

Kengia mucronata (Y. Keng ex P. Keng and Liou) Packer,

Botaniska Notiser 113: 293. 1960.

Based on *Cleistogenes mucronata* Y. Keng ex P. Keng
and Liou, Acta Bot. Sinica 9: 70. 1960.

Kengia mutica (Y. Keng) Packer, Botaniska Notiser

113: 292. 1960.

Based on *Cleistogenes mutica* (Y. Keng) Packer

Kengia nakaii (Y. Keng) Packer, Botaniska Notiser 113:

291. 1960.

Based on *Cleistogenes serotina* var. *nakaii* Honda, Rep.
First. Sol. Exp. Manchoukuo, Sect. IV, 4 (Index Fl.
Jehol.) 1936: 98. *Cleistogenes nakaii* Y. Keng,
Sinensia 11: 409. 1940. *Diplachne latifolia*
Nakai, Bot. Mag. Tokyo 55(1921): 139, non Hackel 1920.

Kengia polyphylla (Y. Keng ex P. Keng & Liou) Packer,

Botaniska Notiser 113: 293. 1960.

Based on *Cleistogenes polyphylla* Y. Keng, ex Claves
gram. prim. Sinicarum 176. 1957, nom. nud. China
P. Keng & Liou, Acta Bot. Sinica 9: 69. 1960.

Kengia serotina (L.) Packer, Botaniska Notiser 113: 291.

1960.

Based on *Festuca serotina* L. 1759 und Syn. *Agrostis*
serotina L. Mantissa 1767, p. 30.
Cleistogenes serotina (L.) Y. Keng, Sinensia 5: 149.
1934.

China

Kengia songorica (Roshev.) Packer, Botaniska Notiser

113: 293. 1960.

Based on *Diplachne songorica* Roshev.

Kengia squarrosa (Trin.) Packer, Botaniska Notiser

113: 292. 1960.

Based on *Molinia squarrosa* Trin.

Russia

Kengia squarrosa var. *longe-aristata* (Rendle) Packer,

Botaniska Notiser 113: 292. 1960.

Based on *Diplachne squarrosa* var. *longe-aristata*
Rendle.

Kengia striata (Honda) Packer, Botaniska Notiser

113: 292. 1960.

Based on *Cleistogenes striata* Honda

Keniochloa ohionogei (Pilg.) Melderis, Svensk. bot. Tidkr. 50: 540. f. 2. 1956.

Based on *Agrostis ohionogei* Pilg.

"Kenia, Westseite: Obere alpine Region im Schneewasser (5 Febr. 1922---Rob. E. und T.H.C.E. Fries n. 1400a)"

Africa

Keniochloa ohionogei var. *oreades* (A. Peter) Melderis, Svensk. Bot. Tidkrift 50: 540. 1956.

Based on *Agrostis oreades* A. Peter.

"D O Afr., Usambara,--Kilimandscharo: Petershutte → Mawensi--Sattel Peter 41928."

Keniochloa hedbergii Melderis, Svensk. bot. Tidkr. 50: 542. 1956.

Kenya, Elgon, in crater near Maji ya Moto, 3600 m, ---Hedberg 1952a, Figs. 1-2.

[Africa]

Kerinozoma oheribon Steud. Syn. Fl. Glum. 1: 358. 1854.

"Hrbr. Zollinger nr. 3238. Ad litus prope Cheribon, Java."

Kerinozoma collina Steud. in Zoll. Syst. Verz. Ind. Archip. 57 nom. nud.; Miq. Fl. Ind. Bat. 3: 404. 1855.

"Java,...Soerabaja...(Zoll., n. 2968)."

Kerinozoma littoralis Steud. in Zoll. Syst. Verz. Ind. Archip. 57 nom. nud.; Miq. Fl. Ind. Bat. 3: 404. 1855.

"Java....Tjeribon (Zoll., n. 3238)."

Kerinozoma Surabaja Steud. Syn. Fl. Glum. 1: 358. 1854.

"Ischaemum? Hrbr. Zollinger nr. 2968. Prope Surabaja ad margines fossarum. Java"

Keriochloa siamensis C. E. Hubbard, Hooker, Icones Plantarum, T. 3494: 2-3. 1951.

Siam. Chantaburi: Krat, Kao Knap, in open rocky ground, c. 600 m., 23-XII-1929, Kerr 17718.

Keriochloa siamensis var. *dalatensis* A. Camus, Bull. Mus. Hist. Nat. 29: Paris, ser. 2. 1957.

Viet-nam: Dalat, alt. 1400 m. (Schmid, type herb. Mus. Paris.

Keriochloa siamensis var. *sabulicola* A. Camus, Bull. Mus. Hist. Nat. Paris, ser. 2. 29: 189. 1957.

Cambodge: sables de Kampong Thom, alt. 50 m., M. Schmid, type herb. Mus. Paris.--

Klemachloa detinens Parker, Ind. For. 58: 7. pl. 1. 1932.

"Burma, Mergui district on Myimolekat 600-1200 m. elev. Parker no. 3130, 3132."

Knappia agrostidea Smith, Engl. Bot. pl. 1127. 1803; Fl. Brit. 3: 1387. 1804.

Based on *Agrostis minima* L.

= *Mibora minima*

England

(Berth.)
Knappia verna Trin. Icon Gram. 1: pl. 17. 1826.

Based on "*Chamaerostis minima* Borkh."

= *Mibora*

Knappia vernalis Trin. Fund. Agrost. 114. t. 8. f. 4. 1820.

"(*Agrostis minima* L.)" cited

= *Mibora minima*

Koeleria advena Stapf in Fraser, Trans. Proc. Bot. Soc. Edinburgh 27: 302. 1918.

James Fraser, Collector, "July 1916, in the neighbourhood of Edinburgh."

Koeleria aegyptiaca Hort. Berol. ex Steud. Nom. Bot. ed. 2. 1: 848. 1840, as syn. *K. phleoides* Pers.

= *K. phleoides*

Koeleria airoides Nutt. ex Steud. Nom. Bot. 486. 1821. nom. nud. Name only.

Unidentified Man. U. S.

Koeleria albescoens DC. Hort. Monsp. 117. 1813.

Gallia France

Koeleria albescoens var. *cimbrica* Aschers & Graebn. Syn. Mitteleur. Fl. 2: 357. 1900.

"Auf der Schleswigischen Insel Röm (Frah! J. Schmidt!) (An der Küste von Jütland bis Skagen mehrfach!)"

Germany

Koeleria albescoens var. *glabra* DC. Hort. Monsp. 117. 1813.

Gallia France

Koeleria albescoens var. *gracilis* Gren. & Godr. Fl. France 3: 526. 1855.

"La Variete à Mont-de Marsan et à la Teste."

France

Koeleria albescoens X *gracilis* Druce, Brit. Fl. List Ed. 2. 129. 1928, without description. Only cites " = *supraarenaria* (Domin)."

Koeleria albescoens var. *Llyodii* Rouy ex Douin in Bonn. Fl. Compl. 12: 22. 1927-32.

Cites: *K. cristata* var. *villosa* Llyod no citation! Ile-d'Yeu et littoral de Saint-Gilles à Sion dans le département de la Vendée.

France

Koeleria albescoens var. *maritima* (Lange) Domin, Bibl. Bot. 65: 137. 1907.

Based on *K. maritima* Lange Spain

Koeleria albescoens ssp. *pyramidata* (Lam.) P. Fourn. Quatres Flore France ed. 2. 62. 1946.

Based on *Poa pyramidata* Lam.

France

"S.E." [≠ sous espece = subsp.]

Koeleria albescoens var. *typica* Domin, Bibl. Bot.

65: 135. pl. 8. f. 7, 8. 1907.

The plants figured are from "(französische Küste)." (See p. 332)

"*K. albescoens* auct." cited, referring to synonyms given under *K. albescoens*

" " var. *gracilis* Godr. Gren. Fl. France III. 526. (1856).

Europe

Koeleria albida Opiz, Lotos 2: 229. 1852; same Opiz, Lotus 3: 183. 1853.

"In der Podbaba an der Eisenbahn 2-6-52. Opiz." Prag.

Koeleria alboffii Domin, Mag. Bot. Dap. 3: 344. 1904.

"Habitat in regione alpina Caucasi e.g. in montibus Adjaro-Imeretianibus (Gouria), ubi eam legit a. 1893 Alboff. (H. de D.)"

Caucasus

Koeleria alopecuroides Spreng. ex Steud. Nom. Bot. ed. 2. 1: 848. 1840, as syn. of *Trisetum neglectum*

Europe

Koeleria alopecurus Nees, Linnaea 7: 320. 1832.

"*Alopecurus* (oapensis) Eoklon Herb. Cap. Un. itin. n. 947."

So. Africa

Koeleria alpicola Gren. & Godr. Fl. Fr. 3: 527. 1855.

"Hab. Les Alpes du Dauphiné, au Lautaret."

France

Koeleria alpigena Domin in Vierteljahrsschr. Nat. Ges. Zürich 51: 201. 1906.

"Kt. Wallis: Branson cum *K. Vallesiana* (leg. Mailliefer 1905, Herb. Wilczek)."

Europe

Koeleria alpina Less. ex Steud. Nom. Bot. Ed. 2. 1: 848. 1840, as syn. *K. caucasicola*
= *K. caucasicola*

Koeleria altaica (Domin) Krylov, Fl. Zapad. Sibiri Pt. 2. 261. 1928.

Based on *K. eriostachya* ssp. *caucasicola* var. *altaica* Domin.
In montibus altaicis (Herb. Bunge 1839)

Koeleria altaica var. *glabrifolia* Krylov, Fl. Zapad. Sibiri Pt. 2. 262. 1928.

Siberia

Koeleria ambigua Schur, Enum. 750. 1866.

"Auf sonnigen steinigen Abhängen bei Talméts und bei Zood."

= *K. gracilis* var. Domin p. 182

Koeleria amblyantha E. Desv. ex Boiss. Diagn. Ser. II. 4: 134. 1859, as syn. *K. phleoides* var. *amblyantha* Boiss.

Koeleria apennina Bolli ex Chiov. Malpighia 11:
1897 as syn. upon which is based *K. splendens* var.
apennina.

"8 agosto 1860 (Bolli)."

"In appenninis di Filettino sopra Campo Catino."

Italy
[not in Domin]

Koeleria arotica Domin, Bibl. Bot. 65: 211. 1907.

Some additional description is given under *K. gracilis* var. *arotica* with the following: "Forsan species propria (*K. arotica* n.)."

Siberia arotica

Koeleria arenaria Dumort. Agr. Belg. 115. 1823.

Belgium

Koeleria argentea Griseb. in Goett. Nachr. 77. 1868.

"[Thomson] Nubra, Ladak pr. Leh, Nari Khorsum."

Tibet

Koeleria argentea var. *nepalensis* (Griseb.) Domin,
Bibl. Bot. 65: 115. 1907.

Based on *K. nepalensis* Griseb.

India

Koeleria argentina Domin, Repert. Sp. Nov. Fedde
2: 89. 1906.

"Habitat in Argentina: En las ceromias del Pío
de la buesta, mas arriba del Valleito; Sierra
Pamatina, Prov. de la Rioja. Leg. d. 15.-20. I.
1879 G. Hieronymus et G. Niederlein (H. Berol.)."

Koeleria aristata Lois Fl. Gall. ed. 2. 1: 66. 1828.

"In jugis Alpium et Pyrenaeorum."

= *Trisetum spicatum* fide Domin p. 296.

Europe

Koeleria aristata Salzm. ex Ball, Journ. Linn. Soc.
16: 723. 1878, as syn. *K. phleoides* Pers.

= *K. phleoides* fide Domin

Koeleria arkansana Nutt. in Scribn. Trans. Kans. Acad.
Sci. 9: 118. 1885, as syn. *K. nitida* Nutt.

= *K. cristata* Man. U. S.

X *Koeleria Ascherssoniana* Domin, Bibl. Bot. 65: 66.
1907.

Parents:
K. glauca X *gracilis*

Europe

Koeleria asiatica Domin, Bull. Herb. Boiss. II.
510: 947. 1905.

"Habitat in Siberia arotica ad fl. Taimyr.....
1843."

Koeleria asiatica var. *Bungeana* Domin, Bibl. Bot.
65: 252. 1907.

"lg Dr. Bunge 1854 (Acad. Sci. St. P.)"

"Siberia arotica; mouth of Lena R.: Mostach, lg.
Dr. Bunge 1854"

Koeleria asiatica var. *lamuginosa* Domin, Bibl. Bot.
65: 251. 1907.

Dr. Bunge 1883. (Acad. Sci. St. P.)

"Siberia arotica: ad ostia Lena: Cherdak Aoui"

Koeleria asiatica var. *leiantha* Domin, Bibl. Bot.
65: 252. 1907.

"lg. Bramsey 1902 (Acad. Sci. St. P.)"

Siberia or. arot. -ad mare glaciale, distr.
Werchojansk

Koeleria asiatica var. *monticola* Domin, Bibl. Bot.
65: 252. 1907.

R. Pohle 1905.

"Montes uralensis polares: in regione Montis
Pai-Jer"

Koeleria asiatica var. *sublanuginosa* Krylov, Fl. Zapad.
Sibiri Pt. 2. 263. 1928.

Siberia

Koeleria asiatica var. *typica* Domin, Bibl. Bot.
65: 251. pl. 16. f. 1.2. 1907.

"Exsiccatas: Mus. Botan. Acad. Scient. Petropolit.
No. 119 (1902)." The figure (see p. 333) is from
Arotic Siberia. Specimens are cited from Arotic
Eur. Russia and Siberia.

Koeleria Askoldensis Roschew. Repert. Sp. Nov. Fedde
13: 84. 1914.

"Crescit in rupibus litoris maritimae insulae
Askold (Oceanum Pacificum, Sinus Petri Magni), non
procul ab urbe Wladimostok ubi florentem anno 1912
A. Schoschin legit."

Koeleria atroviolacea Domin, Bibl. Bot. 65: 252.
pl. 15, f. 3, 4. 1907.

N. Martjanow, Fl. Minusinsensis exo. no. 61,---
Ledebour, et no. 1350.

"Alpinus Asiae centralis (Minusinsk)"

Koeleria aurata Bubani, Nuov. Giorn. Bot. Ital.
5: 317. 1873.

"Huesca" Spain

Koeleria aurea Ten. Cors. Bot. Lex. 1: 58. 1806.

= *Trisetum aureum* fide Domin

Koeleria australiensis Domin, Bibl. Bot. 65: 127.
1907.

"K. cristata Hooker Fl. Tasm. ... p.p. max., Ben-
tham, Fl. Austral. p.p. max. cited
Australia [See var. *typica* for specimen cited]

Koeleria australiensis var. *aristata* Domin, Bibl. Bot.
65: 128. 1907.

"lg. R.C. Gunn ex hb. Hooker. (Hb. Roy. Bot. Gar.
St. Petersburg.)"

Tasmania

Koeleria australiensis var. *maxima* Domin, Bibl. Bot.
65: 128. 1907.

lg. Gunn. 1842. (Hb. Kew)

Tasmania: Macquarrie plains

Koeleria australiensis var. *typica* Domin, Bibl. Bot.
65: 127. 1907.

"Exsiccatas: Atten Cunningham Australian Herbarium
Nro. 240."

"N.S. Wales: North of Bathurst lg. Cunningham 1822
(H.K.)"

H.K. = Herb. Kew.

Koeleria australis Kern. in Oesterr. Bot. Zeitschr.
17: 8. 1867.

"In terra argillosa rufa Istriae." Austria

= *K. splendens* var. *canescens* (Vie) Beck
fide Domin

Koeleria australis A. Kerner f. *glabra* G. Beck, Fl.
Südbosnien 2: 43(65) 1887.

f. *typica* Beck, l.c.

Based on *K. splendens* var. *subcaudata* Domin

Koeleria avenacea Beauv. Ess. Agrost. 166. 1812,
nom. nud.

Koeleria avenacea Spreng. Syst. Veg. 1: 332. 1825.

Based on "*Triodia avenacea* Kunth.)"

= *Tridens avenacea* Mexico

Koeleria balansae Coss. & Dur. in Coss. Ann. Sci. Nat.
Ser. IV. 1: 229. 1854.

Based on *Trisetum balansae* Coss. & Dr. ap. Balansa,
pl. Alger, 1852, p. 686.) --- R.H. Cap. Falcon
(ab.). [Rare]

"forma densipilosa Maire & Weiller, Fl. Afr. Nord.
2: 335. 1953." "Type de l'aspece."

Also Coss. & Dur. Expl. Sci. Alger. 2: 119. 1855.
[Acc. to Stearn, sheets 1-15 (i.e. pp. 1-120) were
printed Oct. 1854 to Apr. 1855.]

Algeria

Koeleria barabensis Domin, Bibl. Bot. 65: 249, 349.
1907.

"Siberia --- in siccis deserti Barabensis, lg.?
1837 (H.J.F.)"

see this as sep. of *K. delavignei* Czern. also.

Koeleria barabensis var. *bicolor* Domin, Bibl. Bot.
65: 249. 1907.

"Habitat in Sibiriae austro-occidentalis provincia
Akmolinsk: circa urbem Petropawlosk ad confines
provinciae Tobolsk, lg. Gordjagin, Junio 1901
(A.S.F.)"
A.S.F. = Herb. Acad. St. Petersburg.

Koeleria Barrelieri Tenore, Fl. Nap. pl. 201
1811-38; Syll. 39. 1831.

Based on "*Phalaris barrelieri* Ten."
Italy

Koeleria bergii Hieron. Bol. Acad. Mac. Cien. Córdoba.
3: 376. 1881; Hieron. ex Domin. in Fedde Repert.
Sp. Nov. 2: 90. 1906, descr. ampl.

coll. "D. Carlos Berg" (p. 327.)

"las ceromias del Rio Negro." Patagonia

Koeleria bergii var. *aristulata* Domin, Fedde, Repert.
Sp. Nov. 2: 91. 1906.

"Argentina: Quebrada al Sur de los Gigantes; Sierra
Achala de Córdoba. Leg. 5. XII. 1878. G. Hiero-
nymus (H. Berol.)."

- Koeleria bergii* var. *aristulata* subv. *micatula* Domin, Fedde, Repert. Sp. Nov. 2: 91. 1906.
- "Argentina: Quebrada del Rodeo al pie de los Gigantes; Sierra Achala de Córdoba. Leg. G. Hieronymus 28. I. 1881."
- Koeleria bergii* var. *fallacina* Domin, Fedde, Repert. Sp. Nov. 2: 91. 1906.
- "Argentina: 1. Jucatula cerca de Belen, leg. II. 1872 P. G. Lorentz (H. Berol.).
2. La Ciénaga; Sierra de Thouman, leg. 10-17. I. 1874 Hieronymus et Lorentz."
- var.
Koeleria bergii minor Domin, Fedde, Repert. Sp. Nov. 2: 91. 1906.
- "Argentina: Al pie de los Gigantes; Sierra Achala; Prov. de Córdoba. Leg. 5. XII. 1878. G. Hieronymus (H. Berol.)."
- Koeleria Bergii* var. *patagonica* Domin, Bibl. Bot. 65: 123. 1907.
- P. Dusén Fl. Pat. 5460.
Patagonia
- Koeleria berythea* Boiss. & Blanche, Diagn. Ser. II. 4: 135. 1859.
- "Hab. circà Beyrouth, cl. Blanche, circà Saïda cl. Gaillardot."
- Koeleria berythea* var. *biseta* Domin, Bibl. Bot. 65: 271. pl. 18. f. 7. 1907.
- K. *biseta* Steud. Nom. Bot. ed. 2. 1: 048 nom. nud.
"(Smyrna)" is given for place for figure (p. 334)."
"Asia minor: in Smyrna (H.K.)"
H.K. = Herb. Kew Royal Gardens
- Koeleria berythea* var. *Postiana* Domin, Bibl. Bot. 65: 271. 1907.
- Based on K. *phleoides* var. *longearistata* Post.
Syria
- Koeleria berythea* var. *typica* Domin, Bibl. Bot. 65: 271, 348. 1907.
- Given in index and in heading above specimens listed in Geographical distribution.
- Koeleria bicolor* Domin, Bibl. Bot. 65: 249. 1907, as syn. of K. *barabensis* var. *bicolor*.
- Siberia
- Koeleria biseta* Steud. Nom. Bot. ed. 2. 1: 848. 1840.
- Based on *Trisetum smyrnaeum* Trin.
Asia Minor & Syria
= K. *phleoides* var. *biseta* (Steud.) Domin p. 271.
- Koeleria bivestita* Schur, Oestr. Bot. Zeitschr. 9: 159. 1859.
- "Kronstadt....Herrn Ritter." Siebenbürgen Austria Hungary.
Rumania
- Koeleria boliviensis* (Domin) Domin, Bibl. Bot. 65: 237. 1907.
- Based on K. *gracilis* var. *boliviensis* Domin
Bolivia
- Koeleria Bornmülleri* Domin, Bibl. Bot. 65: 289. pl. 21. f. 6, 7, 8. 1907.
- Sinus Persiae: in arenosis insulae Hormuz, lg. J. Bornmüller 1893...
[error for Hormuz]
- Koeleria borysthenica* Klokov, Not. Syst. Herb. Inst. Bot. Komarov Acad. Sci. U.R.S.S. 12: 53. 1950.
- Typus speciei. RSS Ucr., Borysthenis inferior prope Korsun; (monast. alt.) in arenis. 16 VI. 1932 legit M. Klokov; in Herbario Universitatis Charoviensis conservatur.
U.S.S.R. Ukr.
- Koeleria brachystachya* DC. Cat. Hort. Monsp. 120. 1813.
- France
= K. *phleoides* Man. U. S.
- Koeleria brevifolia* (Willd.) Spreng, Pugill. 2: 21. 1815.
- Based on "Dactylis brevifolia Willd."
= *Coelachyrum brevifolia* (Hochst) Nees.
India
- Koeleria brevifolia* Reuter, Ind. Sem. Hort. Genev. 4. 1861; Aschers. & Graeb. Syn. Mitteleur. Fl. 2: 364. 1900. Accepted by Aschers. & Graeb. and by Domin as valid.
- "Waldenser-Thälern (Reuter, Rostan nach Beyer)."... cited, among other European localities.
see Reut. ex Barbey 1886.
Not K. *brevifolia* Spreng 1815.
which Domin says (Bibl. Bot. p. 296) = *Eleusine brevifolia* (Hochst & Nees) Nees, this = *Coelachyrum brevifolium* (Hochst) Nees
- Koeleria brevifolia* Reut. ex Barbey in Bull. Soc. Dauph. 13: 554. 1886. Not Spreng 1815.
- Reut. ex Briquet, Annuaire Conservat. et Jardin Bot. Genève. 18-19: 247. 1916. described as new.
"....alpium Pedemontii, in monte Cenisio; Vise, ool de la Croix; supra Bellino Alp. Valdensem"....leg Reuter"
Same as Reuter as taken up by Aschers. & Graeb. 1900, q.v.
Europe
- Koeleria brevifolia* Reut. var. *flavida* Domin, Bibl. Bot. 65: 69. 1907.
- "K. *gracilis* var. *cenisia* Domin, Mag. Bot. Lap. 3: 346. 1904." cited.
Europe
- Koeleria brevifolia* var. *monticola* (Domin) Domin, Bibl. Bot. 65: 69. 1907.
- Based on K. *gracilis* var. *monticola* Domin
"---Pedemont et in French high Alps
- Koeleria brevifolia* Reut. var. *typica* Domin, Bibl. Bot. 65: 69. pl. 3. f. 3.; pl. 2. f. 9. 1907.
- The figures are from "Hautes Alpes" and "Piemont"
France
- Koeleria brevis* Stev. in Bull. Soc. Nat. Mosc. 30: 110. 1857.
- "In Tauria campestri passim; ...versus Bachmut misit D. Graff."
U.S.S.R.
- Koeleria britannica* Domin in Druce, Journ. of Bot. 43: 356. 1905.
-"Seaton Carew, Durham (Lawson in Hb. Oxon), and (in the National Herbarium) from Invercauld (A. Croall), Orkneys (E. S. Marshall) and Isle of Men (O. Holt)."
- Koeleria britannica* var. *aristata* Domin, Bibl. Bot. 65: 222. 1907.
- "Ireland: On limestone, S. of Lough Mask lg. E. S. Marshall 1895 (Herb. Marsh.)"
- Koeleria britannica* var. *brachyphylla* Domin, Bibl. Bot. 65: 222. 1907.
- "Anglia: Wilts: in rupibus cretaeosis a Little Langford, lg. E. S. Marshall 1904 (Herb. Marsh.)"
- Koeleria britannica* f. *glabriculmis* Domin, Bibl. Bot. 65: 221. 1907.
- "Rara cum typo" [England, Scotland, Ireland]
- Koeleria britannica* f. *glabriflora* Domin, Bibl. Bot. 65: 221. 1907.
- "Scotland: Forfar: Sands of Barry (Shoolbred 1904, f. *glabriflora*)"
- Koeleria britannica* f. *maior* Domin, Bibl. Bot. 65: 221. 1907.
- "Scotland: Caithness: Thurso River, lg. E. S. Marshall 1886 (Herb. Marshall)"
- Koeleria britannica* f. *pygmaea* Domin, Bibl. Bot. 65: 221. 1907.
- "Anglia austro-occid.: West Cornwall: Bill Head (coast of serpentin rock) lg. ? 1886 (H. Marsh.)."
England
- X *Koeleria britannica* ? X *vallesiana* Druce, Brit. Fl. List Ed. 2. 129. 1928, without description.
Only gives " = *mixta* Domin."
Britain
- Koeleria Buschiana* (Domin) Gontsch. in Komarov, Fl. U.R.S.S. 2: 328. 1934.
- Based on K. *gracilis* var. *Buschiana* Domin [1929]
Caucasus. Digoria, locus Tators (Digor-Tors)
-N. et E. Busch.
- Koeleria Cairnesiana* Hultén, Acta Univ. Lund n. ser. 38: 190. f. 1b & 2g, map 132. 1942.
- "Upper Yukon River distr.: between Aishihik Lake and headwaters of Nisling River, July 18, 1914 D. C. Cairnes (Can. sub *Trisetum spicatum*)."
Aff. K. *gracilis*
superficial resemblance to *Trisetum spicatum* acc. to Hultén; also to K. *caucasica*
- Koeleria calycina*, DC. Fl. Fr. 6: 271. 1815.
- Based on *Festuca calycina* Lam. ..nom Saint-Am.
= *Schismus barbatus* (L.) Thell
France
- Koeleria campestris* Phil. Linnaea 29: 94. 1857-58.
- "Prope Concepcion in pascuis occurrit."
Chile

Koeleria canariensis Domin, Bibl. Bot. 65: 289. pl. 21. f. 9. 1907.
plant figured said to be from Canary Islands (p. 335)
"Habitat in insulis Canariensis (Hb. Webb 1851, K. J. P.)."
H. J. P. = Herb. Gard. St. Petersburg.

Koeleria canescens Torr. ex Trin. Mem. Acad. St. Petersburg. VI. Sci. Nat. 24: 13. 1836, as syn.
Trisetum subspicatum var. [unnamed]
= *Trisetum spicatum* Man. U. S.

Koeleria cantabrica Willk. & Lange, Prod. Fl. Hisp. 1: 75. 1861.
Based on "(*Schismus marginatus* Wk.)"
= *Schismus barbatus* (L.) Thell.
Spain

Koeleria capensis (Steud.) Nees, Linnaea 7: 321. 1832
Based on *Aira capensis* Steud.
So. Africa

Koeleria capensis var. *alopecurus* (Nees) Domin, Bibl. Bot. 65: 108. 1907.
Based on *K. alopecurus* Nees.
So. Africa

Koeleria capensis var. *alopecurus* f. *brevifolia* (Nees) Domin, Bibl. Bot. 65: 108. 1907.
Based on *Airochloa Alopecurus* var. *brevifolia* Nees.
So. Africa

Koeleria capensis var. *glabra* Domin, Bibl. Bot. 65: 106. pl. 6. f. 1, 2. 1907.
f. 2. "Kapland (Plantae Schlechterianae No. 9345). (See p. 331)
Africa aust. Kapland. A number of specimens cited under *Exsiccatas*

Koeleria capensis var. *glabra* f. *brevifolia* Domin, Bibl. Bot. 65: 106. 1907.
"Rara cum typo"
"Kapland: Div. Mallesburg: ...Koude Bokkaveld, skurfde-Bergen pons Wagebooms Rivier (Schlechter 1897, partim f. *brevifolia*)."
So. Africa

Koeleria capensis var. *glabra* f. *interrupta* Domin, Bibl. Bot. 65: 106. 1907.
In index Domin puts (Nees) in parenthesis
Cites unpublished var. of Nees: "*Koeleria capensis* Nees ab Esenb. /? *Panicula elongata* basi verticillato-interrupta Nees ab Esenb. in Linnaea VII. 321 (1832)."

Koeleria capensis var. *incana* (Nees) Domin, Bibl. Bot. 65: 107. 1907.
Based on *Airochloa parviflora* var. *incana* Nees.
"Monte Katberg---et Los-Tafelberg---Drège."
So. Africa

Koeleria capensis var. *mnantha* Domin, Bibl. Bot. 65: 108. 1907.
Drège.
Afr. aust. Kapland: Cape of Good Hope. (Drège).

Koeleria capensis var. *pseudomitidula* Domin, Bibl. Bot. 65: 108. 1907.
"lg. Burchell 1813 (H. div.) Burch. Cat. Geo. Pl. Afr. 4246.
Kapland S. Afr.

Koeleria capensis var. *pubiflora* f. *brevifolia* (Nees) Domin, Bibl. Bot. 65: 107. 1907.
Based on: "*K. alopecuroides* var. *brevifolia* Nees" in Linnaea (1847)

Koeleria carniolica Kern. Oestr. Bot. Zeitschr. 17: 7. 1867.
"In monte Schneeberg Carnioliae australis...in Steiner Alpen" "*Carnioliae borealis* legit G. Mayr".....
Hungary
Referred to *K. eriostachya* var. *carniolica* (Kern.) Domin.

Koeleria Caroli Rab. Bull. Soc. Sci. Nat. Maroc. 15: 192. 1935.
"Hab. in Atlante majore orientali: in praeruptis oelo. Akka-n-Tazzert, 2900 m, ubi julie floret."
"Claro botanico Carelo Domin dicavi."
[Morocco. Emberger, Coll.]

Koeleria castellana Boiss & Reut. Pugill. Pl. Nouv. 122. 1852.
"Hab. in Castella (herb. Pavon) in collibus gypsaceis prope Osana provinciae la Mancha (Reuter)."
Spain
(Sect. *Airochloa*)

Koeleria castellana var. *leiophylla* Domin, Bibl. Bot. 65: 87. 1907.
leg. E. Hackel, 1876.
Hispania: Sierra de Alfaoar pr. Granatas.
Koeleria castellana var. *velutina* Willkomm. ex Willkomm. & Lange, Prod. Fl. Hisp. 1: 75. 1861.
"--var. pr. Aranjuez (Bout.)."
Spain

Koeleria caucasica Steud. Nom. Bot. Ed. 2. 1: 848. 1840.
"K. alpina Less. caucasica" nothing more in Steud.
In Domin, Bibl. Bot. 65: 161. 1907. "K. caucasica Triner ex Steudel Nomencl. [ed. 2. 1. 848] 1840" is cited as syn. of "K. caucasica Triner (nom. nudum)." Triner not cited by Steud.
K. caucasica Triner described by Domin l.o.
Caucasus

Koeleria caucasica Triner ex Domin, Bibl. Bot. 65: 161. 1907.
"Habitat in regione alpina et subalpina, in pratis alpinis atque in schistosis Caucasi, Armeniae, Persiae, Asiae centralis (Altai, Thian-Shan)."
[See var. *typica* for *Exsiccatas* cited]

Koeleria caucasica var. *altaica* Domin, Bibl. Bot. 65: 163. 1907.
"In montibus altaicis (Herb. Bunge 1839 sub nom. K. glaucae, H. B."
"H. B. = Herb. Bot. Mus. Berlin."

Koeleria caucasica f. *denudata* Domin, Mon. Jard. Bot. Tiflis 16: 9. 1910.
U.S.S.R.

Koeleria caucasica var. *latifrons* Dom. ex Fedtsch. Bull. Jard. Bot. Pierre le Grand 14(Suppl. 2): 70. 1915, nom. nud.
(See *K. caucasica* var. *typica* f. *latifrons* Domin, 1907. Probably basis of above)

Koeleria caucasica var. *pallida* Bords. Bull. Jard. Bot. Kieff 7/8: 3, fig. 1. 1928.
"Habitat in Dzshawakhetia in gramineis siccis in planitie prope oppidum Akhalkalaki [11. VII. (28. VI.) 1907. fl. !!] atque in parte inferiore collis Tauschan. 14. (1.) VII. 1907!!"
Transcaucasia

Koeleria caucasica var. *persica* Domin, Bibl. Bot. 65: 163. 1907.
"Habitat in Persia boreali in monte Karagiol, lg. Szovits 1829 (H.J.P.)."
"H.J.P." = Herb. Gard. St. Petersburg.

Koeleria caucasica var. *persica* f. *grandispiculata* Domin, Bibl. Bot. 65: 163. 1907.
"In Persia in monte Karagiol cum typo!"

Koeleria caucasica var. *typica* Domin, Bibl. Bot. 65: 162. 1907.
[Domin puts the forms directly under species in index and disregards the var. *typica*]
"Habitat in tota area speciei (excl. Persia)."
Cites under *Exsiccatas*: Dr. Kolenati, Fl. Transcaucas. No. 2479 (1844) (Nicht typisch) et No. 1597 K. cristata var. *hirsuta* Griseb. (1844); A.H. et V. E. Brotherus, Plantae caucasicae No. 24 et No. 923 K. cristata var. *hirsuta* Griseb. (1881); A. Becker, Plantae ex itinere caucasico 1867 No. 217 p.p.

Koeleria caucasica var. *typica* f. *glabriglumis* Domin, Bibl. Bot. 65: 162. 1907.
"Caucasus et Transcaucasia: Karagaghi: ...Duliy-dagh ad alpis basin, fontes fl. Kasi-Kumuch-Koissu, 12400' (O. Radde 1885, f. *glabriglumis*)."

Koeleria caucasica var. *typica* f. *latifrons* Domin, Bibl. Bot. 65: 163. 1907.
"Caucasus et Transcaucasia: ...Karagaghi: ...Prope coloniam Tzkro Tzkaro, 8000' (Hb. Trautvetter), f. *latifrons*...Montes Thian-Shan (Asia centr.): Sory-djar, in pratis alpin. 9000' (Semenow 1857, f. *latifrons*)."

Koeleria caucasica var. *typica* f. *minoriflora* Domin, Bibl. Bot. 65: 162. 1907.
"rara" No specimen cited

Koeleria caudata (Brot.) Mut. Fl. Pr. 4: 84, t. 84. f. 602. 1837.
Based on "*Dactylis caudata* Brot."
Portugal

Koeleria caudata Link, Linnaea 17: 405. 1843. Not Mut. 1837.
sub *Airochloa caudata* Link.
"---Olim in Lusitania, legimus, supra Fundão---"
Not in Linnaea 17: 405-406. 1843.

Koeleria caudata Steud. Syn. Fl. Glum. 1: 293. 1854.
Not Mut. 1837. [as new Hack. Catal. 21. 1880. same basis]
Based on *Airochloa caudata* Link.
Portugal

Koeleria caudata Welw. ex Domin, Bibl. Bot. 65: 292.
1907. Not Mut. 1837. as syn. of *K. panicea*.

Koeleria caudata var. *algeriensis* Domin, Magyar Bot.
Lapok 3: 277. 1904.

"So in Algerien (La Zaccar de Miliana, Batandier
Fl. d'Algérie 1886, H. de D., H. M. B.)"
[H. de D. = Herb. of Degen
H. M. B. = böhm. Museums]

Algeria

Koeleria caudata var. *australis* Richter, Fl. Europ.
1: 74. 1890.

Based on *Koeleria australis* A. Kern.
Europe

Koeleria caudata var. *filifolia* Domin, Bibl. Bot.
65: 103. 1907.

Based on *K. crassipes* var. *filifolia* Winkl. in
sched 1876.
Hispania. Sierra Nevada: ...Guegar (Winkler 1876)...

Koeleria caudata var. *microstachya* Faure & Maire,
Bull. Soc. Hist. Nat. Afr. Nord 23: 219. 1932.

"Hab. in calvitibus quercetorum, solo lapidoso cal-
careo, in Monte Ras Foughal ditionis Beni-Snassen
Imperii Marocani orientalis, ... (A. Faure, 1931)."

Marocco

Koeleria caudata var. *nevadensis* Domin, Magyar Bot.
Lapok 3: 276. 1904.

Presumably based on *K. crassipes* var. *nevadensis*
Hack. Oesterr. Bot. Zeitschr. p. 123. (1877)

"So in Nevada (leg. Hackel 1876 H. de D.)"

[H. de D. = Herb. of Degen]
[Spain]

Koeleria caudata var. *typica* Domin, Bibl. Bot. 65: 102.
pl. 5. f. 6,7. 1907.

The specimens figured are from Spain.

Koeleria caudata var. *typica* subv. *pubiflora* (Domin)
Domin, Bibl. Bot. 65: 102. 1907.

[Domin does not put subvar. under var. *typica* in
index]

Based on "*K. caudata* forma *pubiflora* Domin, Mag.
Bot. Lap. III. 276. (1904)."

Koeleria caudata var. *typica* subv. *setosa* Domin, Bibl.
Bot. 65: 102. 1907.

[Domin does not put subvar. under var. *typica* in
index]

"Lusitania: Cabeço de S. Bartholomea pr. Breganza
lg. 7 1879 (H. Hack.)"
Herb. Hack.

Koeleria caudata var. *typica* subv. *vestita* (Lange)
Domin, Bibl. Bot. 65: 102. 1907.

In index Domin uses Lange in parenthesis

Cites: "*K. crassipes* β *vestita* Lange in sched.
1879."

"Excursatæ: Ruter, Porta, Rigo, ex itinere hispan-
ico 1879 Nro. 657 *K. crassipes* var. *vestita* Lange"
...first cited.

Koeleria caudulata Griseb. in Goett. Abh. 24: 292. 1875
Not Steud. 1855.

Based on "*Trisetum* [*caudulata*] Trin."

Basis of *K. grisebachii* Domin.

Reg. Argent.

Koeleria cenisia Reut. ex Beverchon, Bull. Soc. Etud.
scient. d'Angers 138-140 1873; * ex Nym. Consp. 816.
1882, as syn. *Koeleria hirsuta* Gaud.

Switzerland

*fide Domin, Bibl. Bot. 65: 68. 1907.

Koeleria cheesemani (Hack.) Petrie, Trans. N. Z.
Inst. 48: 192. 1916.

Based on *Trisetum cheesemani* Hack.

New Zealand

Koeleria chevalieri Gandog. Bull. Soc. Bot.
France 6d/ 301. 1920.

"Hab.: Sahara algeriensis, ad Bounoura prope
Ghardaia [L. Chevallier n. 529]."

Africa

Koeleria chilensis Steud. Nom. Bot. ed. 2. 1: 848.
1840, nom. nud.; Syn Fl. Glum. 1: 185. 1854, as
syn. *Didymochaeta chilensis* Steud.

Chile

= *Agrostis koelerioides* Desv. in C. Gay, Fl. Chil.
6: 317. 1853.

Koeleria ciliata Kern. ex Aschers. & Graebn. Syn.
Mitteleur. Fl. 2: 358. 1900.

"*K. ciliata* Kerner in Baenitz Herb. Eur. Prosp.
1879. 5 No. 3684 (1878)" cited, without description.

"Im nördlichen Flachlande und in den Gebirgen
häufiger als B."
[B = *K. gracillius*]

[Switzerland]

Koeleria ciliata var. *brachyphylla* Domin, Bibl. Bot.
65: 148. 1907, as syn. of *K. pyramidata* var.
brachyphylla Domin.

"in sched. herb. Haussknecht."

Germany

Koeleria ciliata var. *danica* Domin, Bibl. Bot.
65: 152. 1907, as syn. of *K. pyramidata* var.
danica Domin

"in sched. herb. Haun. olim."

"Jutlandia"

Koeleria ciliata var. *gemina* Domin, Magyar. Bot.
Lapok 3: 255. 1904.

= *K. ciliata* Kern. ex Ascherson

Switzerland

Koeleria ciliata var. *pubescens* (Hausm.) Domin,
Magyar Bot. Lapok 3: 256. 1904.

Based on *K. cristata* var. *pubescens* Hausm.

"*K. ciliata* A. II b. *pubescens* Aschers. & Graeb.
1900" cited.

Koeleria ciliata var. *pubiculmis* Hack. ex Borbas,
Geogr. Enum. Fl. Comit. Castrif. 159. 1887.

Auf den Gipsbergen bei Steigertal

Europe

Koeleria ciliata var. *pyramidata* (Pers.) Domin,
Magyar Bot. Lapok 3: 255. 1904.

Based on *K. cristata* var. *pyramidata* Pers.

Europe

Koeleria ciliata var. *pyramidata* subv. *interrupta*
(Schur) Domin, Magyar Bot. Lapok 3: 256. 1904.

Based on *K. interrupta* Schur.

Europe

Koeleria ciliata var. *rigidiuscula* Domin, Magyar Bot.
Lapok 3: 257. 1904.

Based on *K. ciliata* f. *rigidiuscula* Domin.

"Habitat in pratis siccioribus submontanis et
subalpinis in Bohemia (locis pluribus legi 1897-
1903) et Tirolia, ubi legit in Ampezzotal... et in
monte Flatzerberg pr. Gossensass... 1903 J. Murr."

Europe

Koeleria ciliata var. *transsilvanica* (Schur) Aschers.
& Graebn. Syn. Mitteleur. Fl. 2: 358. 1900.

Based on
K. Transsilvanica Schur.

Europe

Koeleria Clarkeana Domin, Bibl. Bot. 65: 272. pl. 18.
f. 11. 1907.

lg. C. B. Clarke 1876. (no. 28155 Hb. Kew)

Kashmir, India

Koeleria coerulea Tenore Fl. Map. Prod. 10. 1811.

= *Sesleria cylindrica* fide Domin.

Italy

Koeleria coerulescens (Desf.) Guss. Fl. Sic. Prodr.
Suppl. 1: 39. 1824.

Based on *Festuca coerulescens* Desf.

= " " " " fide Domin

Algeria

Koeleria collina Beguin, Ann. Mus. Civico Storia Nat.
Genova ser. 2. 18: 216. 1897.

Terracina. Italy

Koeleria compacta Adamovic, Ung. Bot. Bl. 3: 138.
1904.

"(*K. vallesiaca* Pand. non Gaud! *K. setacea* Petrov.
non DC!)" cited.

Europe

Koeleria condensata Boiss & Blanche, Diagn. Ser. II.
4: 134. 1859, as syn. *Koeleria phleoides* var.
condensata Boiss.

Europe

= *K. obtusiflora* var. *condensata* (Boiss) Domin.

Koeleria conglobata Velenoviky, Bel. Mrkvick. 30. 1922.

Bulgaria

Koeleria convoluta Hochst. ex Steud. Syn. Fl. Glum.
1: 293. 1854.

"(Hrbr. un. it. 689)... Abyssinia."

Koeleria convoluta var. *densiflora* Domin, Bibl. Bot.
65: 111. 1907.

Schimper 1863.

Abyssinia....Berg Ouna

Koeleria convoluta var. *densicoma* Domin, Bibl. Bot.
65: 111. 1907.

"Kilimandjaro Gebiet: In dem obersten Erika-Gebiet...
lg. Uhlig 1901, Nr. 641."

Africa

Koeleria convoluta l. var. *typica* Domin, Bibl. Bot.
65: 110. 1907.

Africa

Koeleria convoluta var. *uniflora* (Hochst.) Domin,
Bibl. Bot. 65: 110. pl. 6. f. 8,9. 1907.

Based on *Airochloa uniflora* Hochst.

Schimper Iter Abyssinicum, Sect. sec. Nro. 671.

Koeleria convoluta var. *vulcanica* Domin, Bibl. Bot.
65: 111. tab. VI. f. 3,4,5,6,7. 1907.

Kilima Mjaro Africa Volkens

Koeleria convoluta var. *vulcanica* subv. *supina* Domin,
Bibl. Bot. 65: 112. 1907.

[Domin does not put subv. under var. *vulcanica* in
index]
Domin puts Engler in parenthesis in index.

"K. *aristata* var. *supina* Engler in sched." cited
[not published by Engler]

Kilimandscharo: auf Aschenfeldern am Westabfall der
Mawenzi-Spitze.... leg G. Volkens 1893 No. 1351....

Africa

Koeleria crassipes Lange, Naturhist. For. Kjøbenhavn
Vid. Medd. II. 1: 43. 1860.

"In collibus siccis ad Benavente Castell. vet.
(8 Jul.); in silvis apricis prope Escorial (16 Jun.
o. fl.)!" Spain. Lange, collector.

Koeleria crassipes var. *nevadensis* Hack. Oesterr. Bot.
Zeitschr. 27: 123. 1877.

"In der alpinen Region der Nevada beim Boreguil de
San Geronimo." Spain

Koeleria crassipes var. *velutina* Freyn, Verh. Zool.
Bot. Ges. Wien 27: 465. 1877.

"K. *australis* A. Kern." cited.

"bei Dignano, Pola (Mt. Grande, Kaiserwald, Mt.
Collai, Mt. Michele) F. Stojc Musil, F. Musil und
auf der Insel Veruda.... (A. Kerner 1864)."

[Istria. Bur.]

Koeleria crassipes var. *velutina* Fray. ex Arcang.
Comp. Fl. Ital. 789. 1882.

"Presso Dignano, Pola, ecc." Italy

Koeleria cristata (L.) Pers. Syn. Fl. 1: 97. 1805.

"*Poa cristata* auctorum". Presumably *Poa cristata*
L., used by Willd. (Sp. Pl. 1: 402. 1797.
Lamarck (Tabl. Encycl. 1: 182. 1791) and others.

Europe

Man. U. S.

Koeleria cristata Bertol. Moen. Ital. 67. 1819.
Not Pers. 1805.

Based on *Festuca cristata* L.

Portugal

Koeleria cristata Griseb. [Pers. misappl. by ?] in
Goett. Abh. 19: 251. 1874.

= *K. micrathera*

Domin (p. 125) quotes Ind. Kew. "als synonym der
K. micrathera", one of a "mixtum compositum" fide
Domin Bibl. Bot. 65: 125. 1907.

Koeleria cristata var. *albescens* Sowerby, Syme. Eng.
Bot. III. 11: 89. 1873.

same, Husnot, Gram. Fr. Belg. 45. 1899, same basis.

Based on "K. *albescens* DC."

Europe

Koeleria cristata var. *alpestris* Meyer, Chlor. Hanov.
625, 626. 1836.

"*Aira subspicata* Ehrh. Herbarium." cited as synonym.

"Fürstenthum Grubenhagen: ... (die Spielarten am
Regenstein im Braunschweigschen). Grafschaft Hohn-
stein: die Spielart a. am alten Stolberg, bei Nie-
dersachsenwerfen."

[Germany]

Koeleria cristata var. *argentea* Westb. ex Litw. Sched.
Herb. Fl. Ross. 1: 52. 1898.

"*Delectus plant. exsicc. horti* Jurjew I, p. 23.
1898", cited.

"Livonia. In locis arenosis silvosis ad dextram
fl. Aa. prope Bilderlingshof in littore Rigensi,
16 Julii 1897. Legit G. Westberg.
[Exsicc.: Herb. Fl. Ross. No. 198]

Koeleria cristata ssp. *aristata* Westberg Act. Hort.
Bot. Jurjev. 6: 77. 1905.

U.S.S.R.

Koeleria cristata ssp. *aristata* var. *adzarica* Westberg,
Act. Hort. Bot. Jurjev. 6: 78. 1905.

U.S.S.R.

Koeleria cristata ssp. *aristata* var. *borzomica* Westberg
Act. Hort. Bot. Jurjev. 6: 78. 1905.

U.S.S.R.

Koeleria cristata ssp. *aristata* var. *gemina* Westberg,
Act. Hort. Bot. Jurjev. 6: 79. 1905.

U.S.S.R.

Koeleria cristata ssp. *aristata* var. *gemina* subv.
glabriflora Westberg Act. Hort. Bot. Jurjev.
6: 79. 1905.

Koeleria cristata var. *brevifolia* (Reut.) Fiori, Nuov.
Fl. Anal. Ital. 1: 120. 1923.

Based on "K. *brevifolia* Reut. Not Spreng."

Basis of *K. reuteri* Rouy

Europe

Koeleria cristata var. *brevifolia* (Nees) C. E. Hubb.
in Hill, Fl. Trop. Afr. 10: 96. 1937.
Not var. *brevifolia* (Reut.) Fiori, Nuov. Fl. Anal.
Ital. 1: 120. 1923.

Based on *Airochloa alopecurus* var. *brevifolia* Nees

Koeleria cristata var. *caesia* Schur, Enum. Fl. Transs.
748. 1866.

"Auf bewachsenen sandigen Hügeln am Rande von
Weinbergen: Hammersdorf."

Roumania

Koeleria cristata var. *comescens* Vis. Fl. Dalm.
1: 71. 1842.

"Hab. in herbis circa Zara, Darnis, Sebensico,
varietas in collibus saxosis apricis loco Poljzce
prope Sebenico."

Europe

Koeleria cristata ssp. *aristata* var. *nitidula* (Vel.)
Brand in Koch, Syn. Deutsch Fl. ed. 3. 3: 2726.
1907.

Based on *Koeleria nitidula* Vel.

Koeleria cristata ssp. *ciliata* var. *pyramidata* (Lam.)
Brand in Koch Syn. Deutsch Fl. ed. 3. 3: 2726. 1907.

Based on *Koeleria pyramidata* Lam.

Europe

Koeleria cristata var. *cinerea* Goran. in Nuov. Giorn.
Bot. 12: 146. 1880.

"Nei monti che sono ad oriente di Piazza nella
Provincia di Verona, e più particolarmente nel
monte Lobbia."

Italy

Koeleria cristata var. *colorata* Heuff. Verh. Zool.
Bot. Ges. Wien 8: 228. 1858.

"In collibus herbidis, pratis sylvaticis"

[*Banatus Temesiensis*]

Rumania

Koeleria cristata var. *convoluta* (Hochst.) C. E. Hubb.
Kew Bull. Misc. Inf. 1936: 500. 1936; Hubbard in
Hill, Fl. Trop. Afr. 10: 95. 1937, with descr.

Based on *K. convoluta* Hochst.

Africa

Koeleria cristata var. *crassipes* (Lange) Marchess. Fl.
Trieste 629. 1896-97.

Based on *K. crassipes* Lange

Europe

Koeleria cristata var. *densiflora* Domin ex Peter,
Repert. Sp. Nov. Fedde Beih. 40: 342. 1936.

"Rispe ährenartig dicht"

"Domin in Herbar. Berlin."

"Abyssinien 3560 m.
D. O. Afr., Kilimandscharo 3500 X (Endlich 623!);
Petershütte → den Sattel... *II, VI (P. 1096, 1098,
46674).--Meru 3600 *XI (Uhlig 641!)."

Koeleria cristata var. *desertorum* Griseb. in Ledeb.
Fl. ross. 4: 402. 1853.

"Hab. in Russia australi in desertis pr. Sarepta!
(hb. Led.), provinciis caucasicis [Grusia! (C.
Koch)] et in Sibiria altaica!"

Europ. Russia & Siberia

Koeleria cristata var. *elongata* Opiz, Seznam 56, 1852,
without description.

"One word in Magyar. [Book is a list only]"
Copied from A. C's note

Europe

Koeleria cristata ssp. *eristachya* (Paucio) Schinz,
Vierteljahrschr. Naturf. Ges. Zürich 1928 (73)
Beibl. 15: 236. 1928.

Koeleria eristachya Paucio.

Serbia

Koeleria cristata ssp. *euoristata* Westberg, Act. hort.
bot. Jurjev. 6: 76. 1905.

U.S.S.R.

Koeleria cristata ssp. *euoristata* var. *chevsurica*
Westberg, Act. Hort. Bot. Jurjev. 6: 76. 1905.

U.S.S.R.

Koeleria cristata ssp. *euoristata* var. *gracilis* (Pers.)
Westberg, Act. Hort. Bot. Jurjev. 6: 76. 1905.

Based on "*Koeleria cristata gracilis* Pers." [error,
in Pers. 97. 18] "
1. *K. gracilis*
2. *K. cristata*, with 3 vars. but not
gracilis Pers. which is a
species]

Europe

Koeleria cristata ssp. *euoristata* var. *major* (Koch)
Westberg, Act. hort. bot. Jurjev. 6: 77. 1905.
[ex Act. Petrop. 20: 296. 1901.]

U.S.S.R.

Koeleria cristata ssp. *euoristata* var. *pseudo-*
vallesiana Westberg, Act. Hort. Bot. Jurjev.
6: 76. 1905.

U.S.S.R.

Koeleria cristata ssp. *euoristata* var. *splendens* (Presl)
Westberg, Act. Hort. Bot. Jurjev. 6: 77.
1905.

U.S.S.R.

Koeleria cristata var. *Fenzliana* Richter, Fl. Europ.
1: 74. 1890.

Based on *Koeleria Fenzliana* Schur
Rumania

Koeleria cristata var. *flavescens* Schur, Oestr. Bot.
Wochenbl. 304. 1857.

"prope pagum Tuznad." Siebenbürgen
Rumania

Koeleria cristata var. *glaberrima* Munro in Aitch. Soc.
Journ. Linn. Soc. Bot. 18: 109. 1880, nom. nud.
"Common in fields at Karohatal, alt. 13,000 ft. in
June and at Sikaram in August" [Aitchison 590, 958]
Afghanistan

Koeleria cristata var. *glabra* De C. Fl. Fr. Suppl.
5: 269. 1815.

"*Aira cristata* Smith" [presumably refers to *Aira*
cristata L. as described in Smith's English Flora
101. 1824. In C. E. Hubbard, Grasses 217. 1954
the English species referred to *K. cristata* is
K. gracilis Pers.]

Koeleria cristata var. *glauca* (Spreng.) Meyer, Chlor.
Hanov. 625. 1836.

Based on *Aira glauca* Spreng. this based on
"*Koeleria glauca* Cand." [= DC.]

Europe

Koeleria cristata var. *glauca* Doell, Rhein. Fl.
95. 1843.

Based on *Poa glauca* Schkuhr.
Germany
= *K. glauca* DC.

Koeleria cristata var. *glauca* (Schrad.) Coss. & Dur.
Expl. Sol. Alger. 2: 123. 1855.*

Based on *Aira glauca* Schrad.

*Date acc. to Stearn's study [See Date cards]

Koeleria cristata ssp. *gracilis* (Pers.) P. Fourn. Quatre
Flores France ed. 2. 63. 1946.

Based on *Koeleria gracilis* Pers. see same DC. 1815
Europe

Koeleria cristata var. *gracilis* (Pers.) DC. Fl. Frang.
5: 269. 1815. Same comb. Mathieu, Fl. Generale
Belg. 1: 604. 1853.

"*K. gracilis* Pers. anch* 1. p. 97. --- *Poa nitida*
Lam. Ill. 1. p. 182." cited.

= *K. gracilis* Pers.

"Syn. Plant. seu Eucheridium Botanicum" full title
Europe

Koeleria cristata var. *gracilis* Koch, Synops. 790.
1837; [ed. 2. 912. 1843]

[Europe]

K. cristata y DC. fl. fr. 5. p. 269 = *A. D.*
fl. 1. c.

Koeleria cristata var. *gracilis* A. Gray, Man. 591.
1848.

K. nitida Nutt. cited, but presumably based on
Koeleria gracilis Pers.

Koeleria cristata var. *gracilis* Schur, Oestr. Bot.
Wochenbl. 304. 1857. see DC. 1815.

"*K. gracilis* DC. non Guss. nec Pers."

K. cristata var. *gracilis* (Pers.) DC. 1815 is based
on *K. gracilis* Pers.

Koeleria cristata var. *gracilis* Aschers, Fl. Prov.
Brandenb. 1: 840. 1864. see DC. 1815.

Based on *Koeleria gracilis* Pers.

Koeleria cristata var. *gracilis* Pers. ex Ducommun.
Taschenb. Schweiz. Bot. 859. 1869. see DC 1815;
Koch 1837.

Cites "*Poa nitida* Lam."
[based on *P. gracilis* Pers. presumably]

Koeleria cristata var. *gracilis* Sowerby, Syme Eng.
Bot. III. 11: 88. 1873. see DC. 1815.

"*K. gracilis* Bor."

Koeleria cristata var. *gracilis* (Pers.) Gren. et
Oedr. subv. *leiophylla* Hackel in Kneucker Allg.
Bot. Zeitsch. 8: 201. 1902.

Kneuck. Gram. Exs. no. 346. Banat.
Europe

Koeleria cristata var. *grandiflora* Pers. Syn. 1: 97.
1805.
Not in Domin.

"Ex Helvetia. Richard."

Koeleria cristata var. *grandiflora* Coss. & Dur. Expl.
Sol. Alger. 2: 123. 1855.* Not Pers. 1805.
[as new Boiss. Fl. Orient 5: 575. 1884, same basis]

Koeleria grandiflora Bert Ap. Schult.
[= *K. splendens* in Domin]

*Date acc. to Stearn's study 1855. (See Date cards)

Koeleria cristata var. *grandiflora* (Bertol.) Husnot,
Gram. Fr. Belg. 45. 1899. Not Pers. 1805.

Based on *Koeleria grandiflora* Bertol.
[= *K. splendens* Presl in Domin]

Europe

Koeleria cristata var. *hirsuta* Griseb. in Ledeb. Fl.
ross. 4: 402. 1853.

"Hab. in provinciis caucasicis [in regione alpina
alt. 1300-1500 hexap. (C.A. Mey.) in M. Karagöl
prov. Karabagh! (Szovits pl. exs.)], inque Sibiria
altaica in alpinis! (Led.)."

Koeleria cristata var. *hirsuta* (Gaud.) Fiori, Nuov.
Fl. Anal. Ital. 1: 120. 1923. Not Griseb 1853.

Based on *Koeleria hirsuta* Gaud.
Switzerland

Koeleria cristata var. *interrupta* Aschers. & Graebn.
Syn. Mitteleur. Fl. 2: 358. 1900.

Based on *K. interrupta* Schur
Rumania

Koeleria cristata f. *interrupta* (Schur) Bohlens,
Sitzungs. Böhm. Gesell. Wissen. Math. Nat. Cl. 1902.
39: 26. 1902.

Based on *K. interrupta* Schur.
Rumania

Koeleria cristata var. *involuta* Schur, Oestr. Bot.
Wochenbl. 304. 1857.

"Auf grasigen Höhen, an schattigen Orten bei
Talmats Nagelflüe."
Rumania

Koeleria cristata var. *longifolia* Vasey ex Davy in
Jepson Fl. West Mid. Calif. 61. 1901.

"Santa Cruz Co. by Dr. Anderson."
= *K. cristata* Man. U. S.
California

Koeleria cristata var. *luxuriosa* Schur, Enum. Fl.
Transs. 749. 1866.

"Au sonnigen sandigen Hügeln bei Hammersdorf."
Rumania

Koeleria cristata var. *maoanthes* Griseb. in Ledeb. Fl.
ross. 4: 402. 1853.

Based on *Aira maoanthes* Ledeb.
[= *K. gracilis* var. *typica* Domin]

Koeleria cristata var. *maior* Koch, Synops. 790. 1837.

K. cristata y DC.
Poa pyramidata Lam. [= *K. pyramidata* (Lam.) Domin]
Cult. France

Koeleria cristata var. *major* Hausm. Fl. Tir. 2: 978.
1852. Not Koch, 1837.

"Bozen: in nassen Jahren im El Sackbette auf der
Anschwemmung unter dem Kalkofen etc. (Hausm.)"
Tirol
Europe

Koeleria cristata var. *major* Neillreich, Flora von Nieder-
Oesterreich 53. 1859. Not Koch 1837.

"in Vorhölzern, Wäldern, Holzschlägen, minder
häufig."
Austria

Koeleria cristata major Vasey in Macoun, Cat. Can. Fl.
2: 218. 1888, nom. nud. Not Koch, 1837.

Canada
= *K. cristata* Man. U. S.

Koeleria cristata var. *minor* Neillreich, Flora von
Nieder-Oesterreich 53. 1859.

"auf trocknen Wiesen, sonnigen Hügeln, kahlen Kalk-
bergen sehr gemein, steigt bis in die Voralpen-
region."
Austria

Koeleria cristata var. *montana* Haussm. Fl. Tir.
2: 978. 1852.

"Ritten von 4000' aufwärts, z. B. gegen Kematen u.
von da bis etwa 5600' der Rittneralpe; z. B. gegen
Kematen u. von da bis etwa 5600' der Rittneralpe."
Tirol

Koeleria cristata var. *memoralis* Celak. Sitzb. Kgl.
Bohm. Gesellschaft Wissenschaf. 59. 1884.

"So im Walde von St. Prokop mit Übergängen in die
typische Form."
Czechoslovakia

Koeleria cristata f. *nigricans* Schur, Enum. Fl.
Transs. 748. 1866.

"Auf Kalkgebirgen um Kronstadt".
Rumania

Koeleria cristata var. *Nuttallii* Wood, Class-book ed. 2.
613. 1847.

"st. 8' high" only description

"High." Presumably based on *K. nitida* Nutt.

= *K. cristata* Man. U. S.

Koeleria cristata var. *oregona* Howell, Th. ex Domin,
Magyar Bot. Lapok 3: 268. 1904.

"Howell's Pacific Coast Plants, Oregon, coll. Th.
Howell 1881. H. M. B.)"

"J. T." error of Domin, for Thomas Jefferson Howell
1842-1912.
[John Thomas Howell of California Academy of Sciences.
Not Thomas Jefferson Howell, 1842-1912.]

Koeleria cristata ssp. *orientalis* Podper. Berh. Zool.-
Bot. Ges. Wien 52: 679. 1902.

"Haskover Thermen, Hebibdovo."
[Südbulgarien (Ostrumelien)]

Koeleria cristata var. *pectinata* Pers. Syn. 1: 97.
1805.

Based on *Poa pectinata* Lam.

Europe

Koeleria cristata var. *pinetorum* Abrams. Fl. Los Angeles
46. 1904.

Based on *K. cristata* var. *pubescens* Vasey

= *K. cristata* Man. U. S.

[Basis of *K. pseudocristata* f. *densevestita* Domin
p. 223]

Koeleria cristata var. *prorepens* Schur Enum. Fl.
Transs. 747. 1866.

"Auf sonnigen grasigen Abhängen: Nagelfluhe bei
Talmate."

Rumania

Koeleria cristata var. *pseudocristata* Domin, Sitzungs-
Bohm. Ges. Wiss. Math.-Nat. Cl. 1902 [pt] 58: 45.
1902, nom. nud.

[see Domin, Monogr. *Koeleria* 1907. p. 222: *K. cris-*
tata ssp. *pseudocristata* Domin.

Bohemia

Koeleria cristata var. *pubescens* (Link) Mut. Fl.
France 4: 82. 1837.

Based on *Airochloa pubescens* Link

France

Koeleria cristata var. *pubescens* Breb. Fl. Norm. ed.
2. 314. 1849, Not Mut. 1837.

"*K. albescens* DC." cited.

"Calvados et de la Manche, à Dives, Sallenelles,
Cherbourg, Genets, etc." Normanly

France

Koeleria cristata var. *pubescens* Haussm. ex Pacher,
Jahrb. Nat. Landesm. Kärnt. 14: 129. 1880. Not
Mut. 1837.

"Bei Pontafel (Haufler), in Kerkels Herbar."

[Austria]

Koeleria cristata var. *pubescens* Vasey ex Davy in Jepsen,
Fl. West Mid. Calif. 61. 1901. Not Mut. 1837.

"near San Francisco, Michener and Bioletti."

error of Jepsen.

Koeleria cristata var. *pyramidata* Pers. Syn. 1: 97.
1805.

Based on *Poa pyramidata* Lam.

France

Koeleria cristata ssp. *repens* Freyn. Oest. Bot. Zeit-
schr. 44: 394. 1894.

of *K. cristata* var. *repens* Schur, 1857.

"Galatiae: Anasia, in agris prope Lokman...leg.
Manissadjian! (Exsicc. no. 148)."

Austria

Koeleria cristata var. *repens* Schur, Oestr. Bot.
Wochenbl. 304. 1857.

"Talmate et Boitza." Siebenbürgen

Rumania

Koeleria cristata var. *rubiounda* Schur, Enum. Fl.
Transs. 748. 1866.

"Auf Sandboden bei Kolos in der Mezöség."

Rumania

Koeleria cristata var. *rupestris* Schur, Enum. Fl.
Transs. 748. 1866.

"Auf sonnigen Höhen, Bergabhängen, Felsen der Alpen;
auf dem Surul 5000'; auf eisenhaltigem Moorboden
bei Tusnad."

Rumania

Koeleria cristata var. *seminuda* Trautv. Act. Hort.
Petrov. 5: 138. 1877.

"Secus fl. Lena inferiorem: ad fl. Tungus-apata....
Sibiria"

Koeleria cristata var. *Shiraensis* C. E. Hubb. Kew Bull.
Misc. Inf. 1936: 500. 1936.

"Tanganyika Territory: Shira Mtns., west of Mt.
Kilimanjaro, 3000 m., Haarer 1122A"

Africa

Koeleria cristata var. *splendens* (Fresl) Flora, Nuov.
Fl. Anal. Ital. 1: 120. 1923.

Based on *Koeleria splendens* Fresl

= *K. splendens* Fresl

Sicily

Koeleria cristata var. *temuifolia* Boiss. Fl. Orient.
5: 575. 1884.

"Hab. in Ponto Lazico supra Djimil ... (Ball), Tauria
(Stev!) Montes Bahtiaris Persiae occidentalis
(Haussk!), Afghanistanae vallis Kurrum (Aitch. 5901)."

Persia

Koeleria cristata var. *tokiensis* (Domin) Ohwi, Journ.
Jap. Bot. 17: 446. 1941.

Based on *K. gracilis* var. *tokiensis* Domin

Japan

Koeleria cristata var. *variegata* Trautv. Act. Hort.
Petrov. 2: 596. 1873.

"In Armeniae pyllis G5881-dara."

Asia Minor

Koeleria cristata var. *velutina* Hack. in O. & B. Fedtsch.
Acta Hort. Petrov. 28: 75. 1908.

U. S. S. R.

Koeleria cristata var. *villosa* (Pers.) Lloyd ex Humm.,
Gram. Fr. Belg. 45. 1899.

Based on "*K. villosa* Pers."

Europe

Koeleria cristata var. *violacea* Roem. & Schult. Syst.
Veg. 2: 620. 1817.

"In Frats de Molle. In collibus, pasouis, muris,
per omnem Europam et ad Caucasum."

Koeleria cristata var. *violaceo-livida* Schur, Enum. Fl.
Transs. 748. 1866.

"In den Grossauer Gebirgen: Fromoasse."

Rumania

Koeleria cristata var. *violascens* Uechtritz in Aschers.
& Graebn. Syn. Mitteleur. Fl. 2: 359. 1900.

Europe

Koeleria cristata var. *viridula* Doell, Rhein. Fl.
95. 1843.

Rheingebiet [from title]

Germany

Koeleria cristata var. *vivipara* Opiz, Seznam 56. 1852,
without description.

"One word in Magyar."

["book is a list only" A.C.'s note]

Koeleria cristata var. *vulgaris* Coss. & Dur. Expl. Sci.
Alger. 2: 123. 1855.

Africa

(Date acc. to Stearn's study. See Date cards)

Koeleria cristata var. *vulgaris* Sowerby, Syme, Eng.
Bot. III. 11: 88. 1873.

"*K. cristata* Bor." cited.

= ? not in Domin

Koeleria cumingii Nees ex Steud. Syn. Fl. Glum.

1: 294. 1854.

"Cuming legit prope Valparaiso, Chile"

Koeleria dactyloides Spreng. Syst. Veg. 1: 332. 1825.

Based on "(*Bromus dactyloides* Roth.)"

= *K. phleoides* (Vill.) Pers in Domin

Koeleria dactyloides Reichenb. Fl. Germ. Exeura. 140.

1830. Not Spreng. 1825.

Based on *Aira dactyloides* Roehel

= *K. glauca* var. *dactyloides* (Roehel) Domin

Koeleria dasphylla Willk in Oest. Bot. Zeitschr.

40: 148. 1890.

"In regione montana regni Granatensis: Sierra de la Nieve, Winkler! (1873. d. 7. Aug.)."

Spain

Koeleria degeni Domin, Magyar. Bot. Lapok 3: 275. 1904.

"*K. brevis* Brandza, Exs. 1884, non Steven."...cited

"Habitat in Romania orient., in calcareis ad Greci pr. Madinu (leg. Brandza 1884, H. de D.)"

[H. de D. = Herb. of Degen]

Rumania

Koeleria degeni f. *aristata* Domin, Bibl. Bot. 65: 75.

1907.

"*Rumelia orient.*: Dobrukscha: Babadagh in pavidosis pr. Kara-Nasieb (P. Sintenis 1873, maxima ex parte f. *aristata*)...first cited.

Koeleria degeni var. *hirtiglumis* Hack. Mon. jard. bot.

Tiflis 29: 25. 1913.

"Karabagh (prov. et distr. Elisabethpol). In reg. alpina montis Kiapaz 13. VII. 09. leg. A. Schelkownikow."

U.S.S.R.

Koeleria degeni f. *mutica* Domin, Bibl. Bot. 65: 75.

1907.

"*Rossia meridion.*: ... Gub. Podolia austr.: lg. W. Besser (f. *mutica* glabra) ... Gub. Taurien: pr. Sudak (Czerniaśw 1832, f. *mutica*)..."

U.S.S.R.

Koeleria delavignei Czern. Consp. plant. Ucran. [no

page] 1859, Domin, Bibl. Bot. 65: 247. tab. XVII.

f. 1, 2. 1907.

"*K. vigneana* Czerniaśw Herb."

47. *K. delavignei* (species collective). Domin.

[*K. delavignei* Czernj, in Majewski, Fl. Srednei Rossii ed. 5. 762. 1917.

U.S.S.R.

Koeleria delavignei ssp. *barabensis* Domin, Bibl. Bot.

65: 249, 349. 1907.

"Siberia---in siccis deserti Barabensis lg. ? 1837 (H.J.P.)."

see *K. barabensis* Domin as species also

Koeleria Delavignei var. *falax* Domin, Bibl. Bot.

65: 248. 1907.

S. Korshinsky 1886.

(Russia) distr. Borsk: in litore sinistro fl. Bělaja versus pag. Angazjak

Koeleria delavignei X *gracilis* Domin, Bibl. Bot.

65: 249. 1907.

"hybridae cum *K. delavignei*"

"---*Rossia meridion.*: gub. Charkow: in steppis pr. Charkow lg. Czerniaśw 1868. (H. Hack.)"

[Does not refer to E. Hackel]

Koeleria discolor Guss. Fl. Sic. Prodr. 1: 123. 1827.

"Io. Fl. sic. t. 39. f. 1." cited.

"In arenosis maritimis; Noto, Capopassaro, Spacosafo." Sicily

Koeleria Domini Nábelek, Publ. Fac. Sci. Univ. Masaryk

(Brno) No. 111: 15 pl. 3. f. 2, 5, 6. text. 1929.

"Crescit in Tauro Armeno (in Kurdistan. Turo. distr. Hakkari) in monte Harefta inter pagos Baškala et Košanes, in pascuis alpinis. alt. ca. 2700 m. Legi 30. VIII. 1910. (No. 3317)." [Nábelek, Coll.]

Koeleria elegantula Domin, Bibl. Bot. 65: 172. pl. 14.

f. 10. 1907.

C. F. Baker 578 in 1901. (Hb. Kew) first cited.

U.S.A. Colorado, Gunnison.

= *K. cristata* Man. U. S.

Koeleria embergeri Quézel, Bull. Soc. Hist. Nat. Afr.

Nord 44: 257. 1954.

Morocco.

Koeleria enodis Keng, Sunyatsenia 6: 60. 1941.

"Type in the U. S. National Herbarium, No. 1385151, collected on meadows of H'tsachu, between Labrang and the Yellow River, Eastern Tibet, ... J. F. Rock (No. 14488)."

probably related to *Koeleria argentea* Griseb.

Koeleria eriostachya Pand, Verh. Zool. Bot. Ges. Wien.

6: 591. 1856.

"An den Kämnen des M. Kopaonik im Kruševac, M. Stol im Čadaker Kr. August."

Serbia

Koeleria eriostachya var. *carniolica* (Kern.) Domin,

Magyar Bot. Lapok 3: 261. 1904.

Based on *K. carniolica* Kern.

Hungary

Koeleria eriostachya var. *carniolica* f. (var.) *aristata* Domin, Bibl. Bot. 65: 158. 1907.

"Littorale (Kustenland): in mte Kuk lg. Areschoug 1858, aber daselbst und besonders auf dem nahen Mte Matajur und Mte Krn (auf der italienischen Grenze, lg. idem 1855)."

aff. *K. montana*

Koeleria eriostachya var. *carniolica* f. *glabriflora*

Domin, Bibl. Bot. 65: 158. 1907.

"Croatia: [Velebit, in lapidosis mtis Stirovae pr. Medak, alt. c. 1600 m, Degen 1905]

Koeleria eriostachya var. *engadinensis* Domin, Bibl.

Bot. 65: 159. 1907.

Vallesia: Engadin: Scarlital locis pluribus, e. g. in 'Mos Madlen' in pascuis calcareis siccis sterilibus gregarie, lg. Schröter Julio 1902 (H. F. Z.)

= Herb. Bot. Mus. Polytechnikum Zurich

Switzerland

Koeleria eriostachya f. *subrepens* Degen, Fl. Veleb.

1: 532. 1936.

"S.: Süd-Velebit (Südl. vom Ura-Pass.) Babin vrh ober Medak (D) = [Degen]"

Croatia = Jugo Slavia

Koeleria eriostachya var. *typica* Domin, Bibl. Bot.

65: 157. pl. 15. f. 1. 1907. drawing from original

Cites as *Exsiccatas*: "Dr. A. v. Hayek, Fl. stiriac. exsicc. 2. Lief. No. 55 *K. eriostachya* (1904). Gramina hungar. edita cura instit. sem. ex reg. hung. budapestin. Tom. VI. No. 260 *K. eriostachya* Pand."

Hungary

Koeleria eu-splendens var. *grandiflora* Aschers. &

Graebn. Syn. Mitteleur. Fl. 2: 360. 1900.

II subcaudata l.o.

b. subaristata l.o.

Based on *Koeleria cristata* var. *grandiflora* Pers.

ex Helvetia

Koeleria exaltata Domin, Bibl. Bot. 65: 155. pl. 11.

f. 7. 1907.

D. Litvinow (Acad. Sci. St. P.) 29. VI. 1903;

Manchuria or. pr. Dajmangol

Koeleria fallax Domin, Bibl. Bot. 65: 265, 349. 1907,

an alternative name for *K. phleoides* 3. var. *fallax*

Domin

Koeleria fenziiana Schur, Oestr. Bot. Wochenbl. 314.

1857.

"...Montis Szarul supra pagum Fortsead prope Talmats..." Siebenbürgen.

Rumania

Koeleria fenziiana var. *transsilvanica* (Schur)

Gracescu, Consp. Fl. Romaniae 611. 1898.

Based on *K. transsilvanica* Schur

Rumania

Koeleria figarei De Notar. Ann. Sci. Nat. Ser. III.

9: 325. 1848.

"In Aegypto legit ol. Figari, ex speciminibus herbarii Vivianii"

Koeleria flavovirens Domin, Bibl. Bot. 65: 73. 1907.

F. O. Wolf, Julio 1897.

Pedemontia (Italia bor.)

H. Z. = Herb. Bot. Mus. Univ. Zurich

Koeleria flexilis Janka, Oestr. Bot. Zeitschr. 8: 93.

1858.

"Hab. in collibus circa pagum Gants Transsilvaniae septemtrionalis, ubi legit ol. Czetz."

Rumania

Koeleria flexuosa Domin, Bibl. Bot. 65: 31, 294, 349.

1907.

Cited as herbarium name in Herb. Kew.

Domin's name for *Trisetum muticum* (Boland.) Scribn. which is *Trisetum wolfii* in Manual. Not in U.S. Man.

Koeleria fomini Domin, Man. Jard. bot. Tiflis

16: 9. 1910.

"Tzkra-tzkaro prope Borshom leg. Akinfiw. VII. 1897"

Rur. U.S.S.R.

- Koeleria genevensis* Domin, Bibl. Bot. 65: 155. pl. 9. f. 9. 1907.
Vallesia: Flora Genevensis: Mt. Reculet (Jura)
"leg. J. C. Ducommun 22. VI. 1860. (Hb. Lausanne."
- Koeleria geniculata* Domin, Bibl. Bot. 65: 253. pl. 15. f. 5; pl. 17. f. 4. 1907.
lg. Borodin (Acad. Sci. St. P.) in 1902.
"montibus Sibiriae merid.-(Prov. Irkutsk)"
Siberia
- Koeleria gerardi* Munro ex Benth. & Hook.f. Gen. Pl. 3: 1184, 1194. 1883.
= *Stiburus alopecuroides* fide Domin p. 296.
See *Festuca gerardi* Vill. 1786.
"ex Africa australi."
- Koeleria gerardi* (Vill.) Shimmers, Rhodora 58: 95. 1956.
Based on *Festuca gerardi* Villars, Hist. Pl. Dauph. 1: 249. 1786.
= *K. gerardi* (Vill.) Munro ex Benth. & Hook.f. Gen. Pl. 3: 1184, 1194. 1883, based on the same species.
Dauphiné, France.
- Koeleria getica* Trin. ex Steud. Nom. Ed. II. 1: 849. 1840. nom. nud.
"Trin. mpt." error for Triner
"Triner" in Domin, referred to *K. degeni* Domin Bibl. Bot. 65: 74. 1907.
- Koeleria gigantea* Bess. ex Ledeb. Fl. Ross. 4: 401. 1853, as syn. *Koeleria cristata* Pers.
U.S.S.R. Asia
- Koeleria Gintlii* Domin, Bibl. Bot. 65: 126. pl. 7. f. 12. 1907.
Chessman 1329--first cited.
New Zealand
Aff. *K. novozelandicae*
- Koeleria glabra* Gaud. ex Steud. Nom. Ed. II. 1: 849. 1840, as syn. *Trisetum comensatum*.
-*Trisetum aureum* Tenore fide Domin.
- Koeleria glabra* Janka ex Nym. Consp. Fl. Eur. Suppl. 2: 335. 1889, as syn. *K. cristata*
= *K. gracilis* var.
Europe
- Koeleria glauca* (Sohkur.) DC. Cat. Fl. Hort. Monsp. 116. 1813.
Based on *Poa glauca* Sohkur. cat. h. Witteb. 1799. p. 49.
Germany
- Koeleria glauca* DC. misappl. by Ledeb. Fl. Ross. 4: 402. 1853. not in Domin.
U.S.S.R. Asia
- Koeleria glauca* Colm. ex Willk. & Lange, Prod. Fl. Hisp. 1: 76. 1861, [not DC.] as syn. *K. crassipes* Lge.
Spain
- Koeleria glauca* ssp. *albescens* (DC.) Domin, Magyar Bot. Lapok 3: 183. 1904.
Name given as "Sbsp. 4. *K. albescens*"
Based on *K. albescens* DC. Hort. Monsp.
- Koeleria glauca* var. *albescens* (DC.) Hanbury, Lond. Cat. ed. 11. 51. 1925.
Based on *K. albescens* DC. Hort. Monsp.
- Koeleria glauca* ssp. *arenaria* (Dum.) Domin, Magyar Bot. Lapok 3: 182. 1904.
Cited as "Subsp. 3. *K. arenaria*"
Based on *K. arenaria* Dum.
= *K. albescens* var. *glabra* DC fide Domin 1907.
- Koeleria glauca* var. *arenaria* (Dum.) Hanbury, Lond. Cat. ed. 11. 51. 1925. same as Domin 1904.
Based on *K. arenaria* Dum.
= *K. albescens* var. *glabra* DC. fide Domin 1907.
- Koeleria glauca* f. *aurata* Domin in Sched. Herb. Fl. Ross. 6: 169. 1908.
"Prope urb. Pskow, ad p. Fromeshitzky. 23 Jun. 1905. Legit W. Andrejew."
U.S.S.R.
- Koeleria glauca* var. *bessarabica* Domin, Bibl. Bot. 65: 63. 1907.
Bessarabia: *Ad ostium fl. Dnubii leg. 2. VI. 1887* (H. J. P. = Herb. Bot. Gard. St. Petersburg.)
U.S.S.R.
- Koeleria glauca* var. *dactyloides* (Roehel) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 362. 1900.
Based on *Aira dactyloides* Roehel
Domin, Bibl. Bot. 65: 62. 1907, cites *K. glauca* var. *dactyloides* (Roehel) Domin as his variety. (See index.) He cites *K. glauca* A. I. *dactyloides* Aschers. & Graebn. as syn. of his variety.
- Koeleria glauca* var. *glabrata* Domin, Bibl. Bot. 65: 64. 1907.
"P. Sintenis, exsic. e Dobrudscha 1873. Nro. 28. (H.B. = Herb. Mus. Berlin)"
U.S.S.R.
- Koeleria glauca* ssp. *glauca* (Sohkuhr) Domin, Magyar Bot. Lapok 3: 181. 1904.
Based on *Poa glauca* Sohkuhr Cat. hort. Wittenberg 49. 1799.
Cult. Germany
- Koeleria glauca* ssp. *glauca* var. *lobata* Marss. Fl. Neuvorp. Rügen 573. 1869.
[Above citation & place copied from Domin, Magyar Bot. Lapok 3: 181. 1904. Marss. Fl. etc. not in Washington. In Arn. Arb. Lloyd & N. Y. Bot. Gard.]
"Böhmen (Herb. Domin), in Preussen bei Berlin leg. Conrad 1901 (H. de D.) [Arpdd von Degen in Budapest]"
Middle Europe
- Koeleria glauca* ssp. *glauca* var. *typica* (Aschers. & Graebn.) Domin, Magyar Bot. Lapok 3: 181. 1904.
Based on *K. glauca* var. *typica* Aschers. & Graebn.
Europe
- Koeleria glauca* var. *gracilis* Aschs. Fl. Prov. Brandenb. 1: 841. 1864.
Prov. Brandenburg Germany
- Koeleria glauca* var. *intermedia* Fries, Nov. Fl. Sueo. 17. 1828.
Koeleria glauca ssp. *intermedia* Domin, Magyar Bot. Lapok 3: 184. 1904. Based on *Koeleria intermedia* Ahlquist. Name given as "subsp. 5. *K. intermedia*."
"b. *Gländiae orientalis* ad Bredaätra etc."
Europe
- Koeleria glauca* var. *kosakorum* Domin, Bibl. Bot. 65: 65. 1907, as syn. of *K. sabuletorum* Czern. emend.
Ucrania, U.S.S.R.
- Koeleria glauca* var. *laevifolia* Schur, Oestr. Bot. Wochenbl. 321. 1857.
"Siebenburgen"
Rumania
- Koeleria glauca* var. *maera* Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 362. 1900.
Europe
- Koeleria glauca* ssp. *maritima* (Lange) Domin, Magyar Bot. Lapok 3: 184. 1904.
[Name given as "Sbsp. 6. *K. maritima*"]
Based on *K. maritima* Lange
Spain
- Koeleria glauca* var. *Pohleana* Domin, Bibl. Bot. 65: 64. 1907.
"R. Pohle, Aug. 21. 1902.
Ins. Kolgufew," (Arctic Russia)
- Koeleria glauca* var. *Pohleana* subv. *Samojedorum* Domin, Bibl. Bot. 65: 64. 1907.
[Domin does not put ^{this} under var. in his index]
"Cum typo legit Pohle." "Wachst....mit dem Typus, aber an einer Stelle, an der die Samojeden ihre Kuchensballe (Fleisch) hinzuwerfen pflegen."
[Samoyed--Mongolian people]
Rossia arctica (europaea): in insula Kolgufew
- Koeleria glauca* var. *puberula* Westb. ex Fedtsch. Bull. Jard. Bot. Pierre le Grand 14 (Suppl. 2): 69. 1915, nom. nud.
- Koeleria glauca* var. *roehelii* (Schur) Jav. Magyar Fl. 1: 86. 1924.
Presumably based on *K. roehelii* Schur [*Aira cristata* var. *dactyloides* Roeh.]
Rumania
- Koeleria glauca* var. *scabra* Schur, Rum. Fl. Transs. 751. 1866.
"Im lockeren Sande an der ungarischen Grenze."
Rumania
- Koeleria glauca* var. *scabrifolia* Schur, Oestr. Bot. Wochenbl. 321. 1857.
"Siebenburgen."
Rumania
- Koeleria glauca* var. *stricta* Zapalowicz, Consp. Fl. Gal. Critic. 1: 45. 1906.
"Pogorzycze (Krupa), Borek Poturzycki (Rehman), Pulawy (Berdau)." [Galicia]
Europe

Koeleria glauca subv. *strictifolia* Domin, Allg. Bot. Zeitschr. 9: 79, 81. 1903.

"Wächst in Sandigen Kiefernwäldern hinter Pist bei Nimburg (leg. J. Lukeš, com. Podpéra)."

Czechoslovakia

Koeleria glauca var. *sublanata* Dom. ex Fedtsch. Bull. Jard. Bot. Pierre le Grand 14 (Suppl. 2): 69. 1915, nom. nud.

U.S.S.R.

Koeleria glauca var. *typica* Aschers. & Graebn. Syn. 2: 362. 1900.
Same in Domin, Bibl. Bot. 65: 55. 1907.

Based on "K. glauca DC. et auct. sen. str."

Koeleria glauca var. *typica* f. *aspera* Domin, Bibl. Bot. 65: 56. 1907.

"Rarior. (Sarepta, Scogaria)."

Russia, Europe

Koeleria glauca var. *typica* f. *aurata* Domin, Bibl. Bot. 65: 56. 1907.

"Formam hanc observavi praecipue in Russia locis pluribus."

U.S.S.R.

Koeleria glauca var. *typica* f. *colorata* Domin, Bibl. Bot. 65: 56. 1907.

"K. glauca f. *bicolor* Domin, Allg. Bot. Zeitschr. 9: 79, 1893. (forma penicula unilateraliter *colorata*)."

"Hic inde cum typo (praecipue in Russia; in Europa media rarior)."

U.S.S.R. and middle Europe

Koeleria glauca var. *typica* f. *genuina* Domin, Bibl. Bot. 65: 56. 1907.

"K. glauca A. II. b. *typica* Aschers. & Graebn." cited

Europe

Koeleria glauca var. *typica* f. *glabrioulmis* Domin, Bibl. Bot. 65: 56. 1907.

"rarior" no locality cited

Koeleria glauca var. *typica* f. *lobata* (Marss.) Domin, Bibl. Bot. 65: 56, 350. 1907.

Based on K. glauca b. *lobata* Marss.

Europe

Koeleria glauca var. *typica* f. *longiglumis* Domin, Bibl. Bot. 65: 56, pl. 2. f. 12. 1907.

Figure "f. *includens*" from "Original exemplar."

Not frequent "haud frequens" no locality

Koeleria glauca var. *typica* subv. *pergracilis* Domin, Bibl. Bot. 65: 57. 1907.

"Russia: gub. Minsk, distr. Pinsk: pr. Lumineo. Paczowski VI. 1893 (H.J.P.)."

H.J.P. = Herb. Gard. St. Petersburg.

Koeleria glauca l. var. *typica* f. *vivipara* Domin, Bibl. Bot. 65: 56. 1907.

Not frequent

"K. *oristata* var. *vivipara* Trautv., Herb. p.p." cited

"Russia europaea: ...Gub. Wolhynien: pr. Rovlja (A. Rogovio, f. *vivipara*, Hb. Trautvetter pro K. *oristata* var. *vivipara*)."

Koeleria glauca var. *valdevestita* Domin, Bibl. Bot. 65: 63. 1907.

"Rossiae v. stationibus animotuerat" Gub. Simbirsk: distr. Buinsk...leg. S. Korshinsky VII. 1884 (H.J.P. = Herb. Gard. St. Petersburg) -- distr. Korsum: ad fl. Sura pr. pag. Kotjakovo lg. idem 1885 (H.J.P.) Gub. Nowgorod: lg. Seversk. 1824 (H.J.P.) In Russia media: inter stat. Sibeatobit-plis et Ossobina lg. Trautvetter 1837... (H.J.P.)"

Koeleria glaucovirens Domin, Magyar Bot. Lapok 3: 273. 1904.

Based on "K. *rigidula* Simk....1886....non Steud."

S. E. Europe

Koeleria glaucovirens var. *jankae* Domin, Magyar Bot. Lapok 3: 274. 1904.

"K. *glabra* Janka----1864"....solum nomen." cited.

"Bisher nur in Ost-Ungarn (bei Gross-Vardein, leg. Janka 1863, H.de D.)."

[H. de D. = Herb. of Degen]

[not in index in Domin, Bibl. Bot. 65: 1907.]

Hungary

Koeleria glaucovirens var. *longiflora* Domin, Bibl. Bot. 65: 170. 1907.

"---in Persia et Kurdistania P. Sintenis iter orientale 1888 No. 1130. K. *oristata* var. *grandiflora*" "Persia---Szovits 1828"--- ad Seidkovzi, Hb. Fischer als No. 259 *Dactylis oristata*

Kurdistania: Mardin: Dein Zafran (Sintenis 1888)"

Koeleria glaucovirens var. *macedonica* Domin, Magyar Bot. Lapok 3: 274. 1904.

"Bisher nur in Macedonien (auf den Felsen prope Alchar. J. Dörfner, iter Turicum II. 1893, Nr. 394, H. de D.)." [H. de D. = Herb. Degen]

= K. *splendens* var. *macedonica* Domin in Bibl. Bot. 65: 99. 1907.

Koeleria glaucovirens var. *macrantha* Domin, Magyar Bot. Lapok 3: 274. 1904.

"Mur in Transsilvanien (leg. Csató 1888, Barth 1888, Janka 1868, H. de D.)."

[H. de D. = Herb. of Degen]

referred to K. *splendens* var. *rigidula* (Simonk.) Domin in Bibl. Bot. 65: 93. 1907.

Koeleria glaucovirens var. *pseudoglauca* Hack. in Domin, Magyar Bot. Lapok 3: 274. 1904.

"So in Taurien (Karasubazar, A. Callier: iter Turicum III. a. 1900 Nr. 763, als K. *oristata* var. *pseudoglauca* (Schur) Hack, det. Hackel, H. de D.)." [H. de D. = Herb. of Degen]

referred to K. *splendens* var. *callieri* Domin in Bibl. Bot. 65: 95. 1907.

Koeleria glaucovirens var. *simonkaii* (Adamov.) Domin, in Magyar Bot. Lapok 3: 273. 1904.

Based on *Koeleria simonkayi* Adamov.

referred to K. *glaucovirens* Domin, Bibl. Bot. 65: 168. 1907.

Serbia

Koeleria glaucovirens var. *typica* Domin, Bibl. Bot. 65: 169, pl. 11. f. 6. 1907.

figure from Serbia (See p. 332)

First cited: "Exsiccatas: L. Adamović, Fl. Serbiae exsicc. No. 45, No. 96...."

Koeleria glaucovirens var. *typica* f. *aristulata* Domin, Bibl. Bot. 65: 169. 1907.

"Macedonia: ...In monte Athos divulgatissima (Sintenis et Bornmüller, Janka in formis pluribus...."

Koeleria glaucovirens var. *typica* f. *colorata* Domin, Bibl. Bot. 65: 169. 1907.

"Macedonia: ...In monte Athos divulgatissima (Sintenis et Bornmüller, Janka in formis pluribus...."

Koeleria glaucovirens var. *typica* f. *genuina* Domin, Bibl. Bot. 65: 169. 1907.

"Macedonia: ...In monte Athos divulgatissima (Sintenis et Bornmüller, Janka in formis pluribus...."

Koeleria glomerata Kunth, Rev. Gram. 2: 611. pl. 219. 1834.

"Crescit in Insula Owhyhee, ad montem Kaah. Legit Macrae, junio 1825."

= *Trisetum glomeratum* (Kunth) Trinor

Koeleria Gorodkowi Roshev. Bull. Jard. Bot. Acad. U.R.S.S. 30: 296. 1932.

"Sibiria. Tundra Oydanensis (inter partem inferiorem fl. Jenissei et Sinum Obensem). Lacus Egenato, prope lacus To-nagaeva.... In declivi destructo collis arenosae, 11. VII. 1927. B. N. Gorodkow!"

Koeleria gracilis Pers. Syn. Fl. 1: 97. 1805.

"Poa nitida Lam. ...Poa *oristata* Kroker. ...Hab. in sylvaticis."

Europe

Koeleria gracilis Guss. Prod. Fl. Sic. 1: 121. 1824. Not Pers. 1805.

Sicily

= K. *splendens* Presl fide Domin

Koeleria gracilis var. *scutifolia* Serg. Animadv. Syst. ex Herb. Univ. Tomsk. No. 1. 4. 1928.

"Prov. Altaj. In declivitatibus praeruptis in valle fl. Katun inter pagos Bystrjanskaja et Czergasak. 6. VI. 1911. fl. 189. P. Krylov et B. Schischkin."

U.S.S.R. Asia

Koeleria gracilis var. *albescens* St. Amans, Fl. Agen. 37. 1821.

"Koel. *albescens* Deso."

Koeleria gracilis var. *amurensis* Domin, Bibl. Bot. 65: 195. 1907.

"Habitat in graminosis Asiae orientalis (Amur, Mandchuria). F. Karo, Plantae amurenses No. 301."

Koeleria gracilis var. *anthoxanthoides* Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 359. 1900.

Based on K. *anthoxanthoides* Gsaller

Tirol

Koeleria gracilis var. *arctica* Domin, Bibl. Bot. 65: 211. pl. 13. f. 4. 1907.

"Sibiria arctica: ad fl. Lenam infer., ad fl. Tongusapata lg. Czekanowski 1875 (d. 5. Julii, A.S.P.)."

A.S.P. = Herb. Acad. St. Petersburg.

Koeleria gracilis var. *arenicola* Domin, Magyar Bot. Lapok 5: 282. 1906.

"A de Degan 25. V. 1904."

[Hungary]

Koeleria gracilis var. *aristulata* Domin ex Fedtsch. Bull. Jard. Bot. Pierre le Grand 14 (Suppl. 2): 71. 1915, nom. nud.

U.S.S.R.

Koeleria gracilis var. *aspera* Domin, Bibl. Bot. 65: 217. pl. 1. f. 13. 1907.

"Habitat in Rossia meridionali, orientali et in Sibiria austro-occidentali." First specimen cited is: "Gub. Saratow: circa Sarepta... (A. Becker 1852-1879). ---Russia. Eur."

Koeleria gracilis var. *avenacea* Domin, Bibl. Bot. 65: 191. pl. 12. f. 5. 1907.

K. avenacea Tausch ex Opiz Seznam 56 (1852) nom. nud. cited.

"Bohemia: in collibus circa Pragam. lg. Tausch (K. avenacea Tausch!) Germania: Westfalen: in pratis pr. Bonn (Koernicke 1868, H. Hsk. [= Herb. Haussknecht (Weimar)] typica." ...

Koeleria gracilis var. *boliviensis* Domin, Fedde Rep. Nov. Sp. Reg. Veg. 2: 93. 1906.

"Exsicc.: Museum botanicum Berolinense no. 2940."

"Habitat in Bolivia australis: Es-cho-mokro, prov. Tupiza. Leg. Fiebrig, 22. II. 1904 (H. Berol.)."

not in Domin Bibl. Bot. 1907.

Bolivia

Koeleria gracilis var. *borbasii* Domin, Magyar Bot. Lapok 3: 269. 1904.

"So bisher bloss in Ungarn (Hung. orient.: in Rakotzyberg ad Oergény, leg. ? 1860, mis. de Borbás, H. Mus. Kolozs., bei Nassod, leg. ? ibidem)."

Koeleria gracilis var. *Borbásii* subvar. *alamedina* Domin, Bibl. Bot. 65: 197. 1907.

[In his index Domin puts subvar. under sp. and not under var.]

"Turkestan: Alamedin; m. Alexander lg. Petissow (H.J.P.)."

H.J.P. = Herb. Bot. Gard. St. Petersburg.

Koeleria gracilis var. *Borbásii* subvar. *elegans* Domin, Bibl. Bot. 65: 197. 1907.

"Transsylvania: in collibus apricis: Langental lg. J. Barth 1877 cum *K. polyantha* var. *transsilvanica* (H. Haack.)."

Koeleria gracilis var. *Borbásii* subvar. *genuina* Domin, Bibl. Bot. 65: 196. pl. 13. f. 6. 1907.

"---var. typica (extra Americam."

[Eurasia]

Koeleria gracilis var. *Borbásii* subvar. *luxurians* Domin, Bibl. Bot. 65: 197. 1907.

"Rossia meridion.: Gub. Jekaterinoslaw: pr. urb. Jekaterinoslaw lg. domina Radakoff 1894 (H. Z. [= Herb. Bot. Univ. Zurich]."

Koeleria gracilis var. *Borbásii* subvar. *orenburgiana* Domin, Bibl. Bot. 65: 197. 1907.

"Rossia: Gub. Orenburg: in montibus Irendyk pr. lacum Tolkos lg. D. Litvinow 1893 (A.S.P.)."

A.S.P. = Herb. Acad. St. Petersburg

Koeleria gracilis var. *Borbásii* subvar. *transbaicalensis* Domin, Bibl. Bot. 65: 197. 1907.

"Transbaicalia: Schilka pr. Gorbiza lg. Maximovicz (Iter secundum 1859, H.J.P.)."

= Herb. Bot. Gard. St. Petersburg.

Siberia

Koeleria gracilis var. *breviglumis* Domin, Bibl. Bot. 65: 212. 1907.

"Habitat in Rossiae europaeae guberniis orientalibus et disperse per totam Asiam."

[See subvar. *genuina* etc.]

Koeleria gracilis var. *breviglumis* subvar. *aristulata* Domin, Bibl. Bot. 65: 213. 1907.

"Habitat in Sibiria orient. in prov. Jakutsk: pr. Jacutiam lg. Stabendorf pro K. glauca (No. 49, 114, H.J.P.)."

H.J.P. = Herb. Gard. St. Petersburg.

Koeleria gracilis var. *breviglumis* subvar. *genuina* Domin, Bibl. Bot. 65: 212. pl. 13. f. 10. 1907.

"Caucasus: Prov. Dagestan, distr. Temir-Ch. Schura, pr. pag. Atty-bujun, in planitie argillosa lg. Alexeenko 1901 (A.S.P.). Exsiccatae: Flora Caucasi (Alexeenko) No. 1131 (1901)."

A.S.P. = Herb. Acad. St. Petersburg. Other specimens listed.

Koeleria gracilis var. *breviglumis* subvar. *longeociliata* Domin, Bibl. Bot. 65: 212. 1907.

"Habitat in Sibiriae orientalis provincia Irkutsk lg. Sorokin (A.S.P.)."

A.S.P. = Herb. Acad. St. Petersburg.

Koeleria gracilis var. *breviglumis* subvar. *majoriflora* Domin, Bibl. Bot. 65: 213. 1907.

"Habitat in Sibiria occident. et media. Akmolinsk: pr. urbem Petropawlosk lg. Gordjagin 1901 (A.S.P., Herbar. Sibir. occident. Herb. Univ. Kasan, No. 555). Jenisseisk: distr. Minusinsk: selo Novoselovo lg. Adrianov (A.S.P.)."

A.S.P. = Herb. Acad. St. Petersburg.

Koeleria gracilis var. *breviglumis* subvar. *obtusata* Domin, Bibl. Bot. 65: 213. 1907.

"Habitat in Sibiria:

Prov. Jenisseisk: distr. Minusinsk: pr. urbem Krasnoyarsk (Herb. Hookerianum.... Prov. Jakutsk: pr. Jacutiam lg. Stabendorf (No. 42.....

Koeleria gracilis var. *breviglumis* subvar. *pluriflora* Domin, Bibl. Bot. 65: 213. 1907.

"Habitat in Sibiria orientali ad Jacutiam....lg. Stabendorf (No. 89, H.J.P.)."

H.J.P. = Herb. Bot. Gard. St. Petersburg.

Koeleria gracilis var. *breviglumis* subvar. *polyphylla* Domin, Bibl. Bot. 65: 212. 1907.

"Habitat in Sibiria occident. ad fl. Jochim (?), Exp. A. Schrenk (A.P.S.)."

A.P.S. = Herb. Acad. St. Petersburg.

Siberia

Koeleria gracilis var. *breviglumis* subvar. *pseudotenuis* Domin, Bibl. Bot. 65: 213. 1907.

Rossia: Gub. Samara, distr. Bugulma, pr. pag. Novaja Kasirova lg. Korshinsky (1886, H.J.P.).

H.J.P. = Herb. Gard. St. Petersburg.

Koeleria gracilis var. *britannica* (Domin). C. E. Hubb. in Brenan & Simpson, Proc. Roy. Irish Acad. 52: 81. 1949.

Presumably based on *Koeleria brittanica* Domin. [Bibl. Bot. 174, 220. 1907]

"Anglia, Scotia, Islandia"

Koeleria gracilis subvar. *bulgarica* Domin, Bibl. Bot. 65: 219. 1907.

"---Bulgaria in graminosis ad Varnam, lg. Stribny 1897 (H. Vell)."

Koeleria gracilis var. *Buschiana* Domin, Compt. Rend. Acad. Sci. U.R.S.S. A: 141. 1929.

"Habitat in Caucaso: Digoria, locus Tators (Digortors), pratum subalpinum. 2600 m. 12 VIII 27. N. et E. Busch!"

Koeleria gracilis var. *cenisia* Domin, Magyar Bot. Lapok 3: 346. 1904.

"Habitat in monte Cenisia.....1857."

referred to *K. brevifolia* Reuter var. *flavida* Domin, Bibl. Bot. 65: 69. 1907.

Koeleria gracilis var. *colorata* (Heuff.) Domin, Magyar Bot. Lapok 3: 268. 1904.

Based on *Koeleria cristata colorata* Heuff.

same in Bibl. Bot. 1907.

Koeleria gracilis var. *condensata* Domin, Bibl. Bot. 65: 209. 1907.

"Habitat in montibus uralensibus et in Sibiria orient. in prov. Irkutsk. Ural: Gub. Jekaterinburg: in monte Sugysak lg. P. J. Sjusew 1894 (H.J.P. = Herb. Gard. St. Petersburg. Prov. Irkutsk: Mandijskij karaul lg. Klement 1891 (A.S.P.); ad fontes fl. Irkut lg. Korshinsky 1891 (A.S.P.)."

H.J.P. = Herb. Gard. St. Petersburg.

A.S.P. = Herb. Acad.

Koeleria gracilis var. *contracta* Domin ex Fedtsch. Bull. Jard. Bot. Pierre le Grand 14 (Suppl. 2): 71. 1915, nom. nud. U.S.S.R.

Koeleria gracilis var. *convoluta* (Hochst.) Nees & Mey. Bot. Upsal. 15: 42. 1957.

Based on *K. convoluta* Hochst. ex Steud. 1854; *K. cristata* var. *convoluta* (Hochst.) C. E. Hubb. 1936, same basis. Ethiopia, Mt. Silke (Selki), Schimper II: 689. Africa

Koeleria gracilis var. *dagestanica* Domin, Bibl. Bot. 65: 214. 1907.

Caucasus: prov. Dagestan, distr. Chodshal-makhi.... lg. Alexeenko No. 1127 1901 (A.S.P.).

A.S.P. = Herb. Acad. St. Petersburg.

Koeleria gracilis var. *dasyolada* Domin, Bibl. Bot. 65: 211. 1907.

"California: lg. Lemmon 1882 (H. Haack.)."

= *K. cristata* Pan. U. S.

Koeleria gracilis var. *decora* Domin, Bibl. Bot. 65: 198. 1907.

"Habitat in Bulgaria: in saxosis mtis, Rhodope lg. Bierbach 1903 (H.J.P.)."

H.J.P. = Herb. Bot. Gard. St. Petersburg.

aff. *K. polyantha* v. *transsilvanica*

Koeleria gracilis var. *depauperata* Domin, Magyar Bot. Lapok 3: 269. 1904.

"Habitat in Bohemia ad Berekovic (Rohlena, Domin) et pr. Usti (leg. Schubert)."

Koeleria gracilis var. *elatior* Velen. Fl. Bulg. Suppl. 1: 295. 1898.

"In graminosis ad Varnam locis pluribus leg. Střibný a. 1897."

Bulgaria

Koeleria gracilis var. *elongata* Choroschk. Fedtsch. Bull. Jand. Bot. Pierre le Grand 14 (Suppl. 2): 71. 1915, nom. nud.

U.S.S.R.

Koeleria gracilis var. *firma* Serg. Animad. Syst. ex Herb. Univ. Tomsk no. 1. 4. 1928.

"In prov. Altaj, distr. Slavgorod prope pag. Lenkovskoje, 29. VI. 1924. fl. leg.: V. Nasonov. Prov. Tobolsk circa opp. Tjumen. 12. VII. 1885. fr. leg. P. Krylov. Prov. Semipalatinsk prope opp. Semipalatinsk in monte Semtau. 17. VI. 1920. fl. leg. W. Saposhnikov."

U.S.S.R.

Koeleria gracilis var. *flaccida* Domin, Allg. Bot. Zeitschr. 9: 43. 1903.

"aus dem Haine von St. Prokop, bei Prag." [coll. Domin]

Bohemia

Koeleria gracilis f. *foliosa* Domin, Bibl. Bot. 65: 182. 1907.

Cites as synonym: *K. cristata* var. *involuta* Schur Transilvania

Koeleria gracilis var. *fulgurata* Serg. Animad. Syst. ex Herb. Univ. Tomsk. no. 1, 4. 1928.

"Prov. Tomsk, distr. Kainsk, inter pagos Czernigovka et Selisch, VI. 1910. fl. leg. Molotilov. Prov. Altajak. prope pag. Altaiskoje, 13. VI. 1927. leg. B. Schischkin et in valle fl. Katun inter pagos Anos et Mujuta. 19. VI. 1927. B. Schischkin."

Koeleria gracilis f. *fuscescens* Domin in Allgem. Bot. Zeit.: 11: 49. 1905; Bibl. Bot. 65: 184. 1907.

"So auf den Gipsbergen bei Steigerthal, Petersdorf und Crimderode."

Germania

Koeleria gracilis var. *glabra* Domin, Bibl. Bot. 65: 178, 201. 1907.

"K. glabra Janka, Oster. Bot. Zeit. XIV 1873 (1864) nom. nud. cited."

Europe

Koeleria gracilis var. *glabra* subv. *afghanorum* Domin, Bibl. Bot. 65: 207. 1907.

"Habitat in montibus in terra Afghanorum" Kurum Valley, coll. Aitchison 1879 (No. 590 et 958 ut "K. cristata var. glaberrima," named by General Munro, H.J.P.)

H.J.P. = Herb. Gard. St. Petersburg.

Afghanistan

Koeleria gracilis var. *glabra* subv. *brachyphylla* Domin, Bibl. Bot. 65: 205. 1907.

"Habitat in Sibiria orient.: Prov. et distr. Irkutsk Jakutskij trakt pr. lacum Ordinskoje lg. Borodin 1902 (A.S.P.)

A.S.P. = Herb. Acad. St. Petersburg.

"Exsiccatas: Mus. Botan. Acad. Scient. Petropolit. No. 247 (1902)."

Koeleria gracilis var. *glabra* subv. *columbiana* Domin, Bibl. Bot. 65: 208. 1907.

"Habitat in America boreali-occidentali. Columbia britannica: in declivibus siccis arenosis pr. Lytton lg. A. Purpus 1888/89, 200' (H. Hack.)."

Koeleria gracilis var. *glabra* subv. *dolichophylla* Domin, Bibl. Bot. 65: 206. 1907.

"Habitat in Mandschuria occident. in arenosis pr. Lamtjendzy lg. Litvinow 1902 (A.S.P.)"

A.S.P. = Herb. Acad. St. Petersburg.

"Exsiccatas: Mus. Bot. Acad. Scient. Petropolit. No. 996 (1902)."

Koeleria gracilis var. *glabra* subv. *Fenzliana* (Schur) Domin, Bibl. Bot. 65: 204. 1907.

Based on *K. Fenzliana* Schur

Koeleria gracilis var. *glabra* subv. *genuina* Domin, Bibl. Bot. 65: 201. 1907.

"Exsiccatas: Europa: Borbás, Flora Hungarica No. 37 (1881), No. 59. (1882)."

Specimens cited from Asia and America

Koeleria gracilis var. *glabra* subv. *laevifolia* Domin, Bibl. Bot. 65: 206. 1907.

"Habitat in Caucaso: in provincia Ossetia in alpe Kadlaseu ad fl. Didi Lischva lg. Brotherus 1881 (Hack.), prope Ounib (ca. 5-6000') lg. Radde 1885 (H.J.P.). H.J.P. = Herb. Gard. St. Petersburg.

"Exsiccatas: A. H. and V. F. Brotherus, Plantae caucasicae No. 47 *K. cristata* (1881)."

Koeleria gracilis var. *glabra* subv. *macra* Domin, Bibl. Bot. 65: 205. 1907.

"Habitat in Caucaso: Prov. Dagestan, distr. Awarak: pr. pag. Gimri (Genu) in siccis lapidosis lg. Alexeenko 1901 (A.S.P.)." "Exsiccatas: Alexeenko Flora Caucasi No. 1129 (1901)."

A.S.P. = Herb. Acad. St. Petersburg.

Koeleria gracilis var. *glabra* subv. *minussinensis* Domin, Bibl. Bot. 65: 206. 1907.

"Habitat in Sibiriae prov. Jemisseisk: distr. Minussinsk, lg. Martjanow (A.S.P.)."

A.S.P. = Herb. Acad. St. Petersburg.

Koeleria gracilis var. *glabra* subv. *oregana* Domin, Bibl. Bot. 65: 208. 1907.

"Habitat in Oregon (U.S.A.): near Wallowa lake coll. L. Shear 1879 (H. Wash.) = U.S. Nat. Herb.

Koeleria gracilis var. *glabra* subv. *piliflora* Domin, Bibl. Bot. 65: 207. 1907.

In Russia orientali: Gub. Simbirsk: distr. Korsun, pr. pag. Kotljakovo (Korshinsky 1885, H.J.P.) Gub. Ufa: distr. Belebey, pr. stationem Kolmaš (Korshinsky 1886, H.J.P.)

H.J.P. = Herb. Gard. St. Petersburg.

Koeleria gracilis var. *glabra* subv. *pseudo-Borbásii* Domin, Bibl. Bot. 65: 207. 1907.

"Distributio geographica: Tirolia austr.: Gardaseegebiet: am Castell vom Arco (J. Bornmüller 1905). Turkestan: Alatau (Schrenk 1841, No 898.... Jenisseisk: distr. Minussinsk (Martjanow) other forms cited."

Koeleria gracilis var. *glabra* subv. *pseudoglauca* (Schur) Domin, Bibl. Bot. 65: 205. 1907.

Based on *K. cristata* var. *pseudo-glauca* Schur.

Rumania

Koeleria gracilis var. *glabra* subv. *stenostachya* Domin, Bibl. Bot. 65: 206. 1907.

"Habitat in Sibiria orient. in provincia Jakutsk, ubi eam leg. P. V. Olenin 1902 (pr. stationem Best-jach ad fl. Lena)...1st cited."

"Exsiccatas: P. V. Olenin, Flora provinciae Jakutsk No. 89 1902."

Koeleria gracilis var. *glabra* subv. *superfusa* Domin, Bibl. Bot. 65: 208. 1907.

"Habitat: in U.S.A.: California."

"Exsiccatas: Plants of California, Monterey County No. 6814 *K. cristata* (1903). California: Monterey Co.: Pacific Grove in pine woods lg. A. Heller 1903 (H. div.) not in Man. U. S.

Koeleria gracilis var. *glabra* subv. *turostanica* Domin, Bibl. Bot. 65: 206. 1907.

Cites: "*K. cristata* var. *interrupta* Regel, Bot. H. Petropolit. VII. 630 (1880) p. p."

"Turkestan: in declivi meridionali jugi 'Aleksandrovskey chrebet' supra finem vallie fl. Sumyr versus occidentem, lg. Fetissow 1881, 9-12000' (H.J.P.).... first cited."

H.J.P. = Herb. Gard. St. Petersburg.

Koeleria gracilis var. *glabra* subv. *valdelobata* Domin, Bibl. Bot. 65: 207. 1907.

"Caucasus: prov. Abchazia: pr. Tifunda lg. Lazowski (H.J.P.) Mandschuria orient.: prope Dajmangol, lg. Litvinow 1903 (A.S.P.)

H.J.P. = Herb. Gard. St. Petersburg. A.S.P. = Acad. St. Petersburg.

Koeleria gracilis f. *glabrescens* Domin, Magyar Bot. Lapok 3: 266. 1904.

"H. de D., (f. *glabrescens*) auf dem Berge Csikihegy bei Török-Bálint leg. v. Degen 1903 (mit Anklängen auf die var. *elatior*)...first cited."

Europe

Koeleria gracilis var. *Gordjagini* Domin, Bibl. Bot. 65: 217. 1907.

"Habitat in Rossiae gub. Perm: distr. Schadrinsk, secus fl. Sinar et Karabolka lg. Gordjagin 1894 (A.S.P.)

Exsiccatas: Herbar. Universitatis Kasanensis No. 1025 A.S.P. Herb. Acad. St. Petersburg.

Koeleria gracilis var. *gracillima* Honda, Rep. First Sci. Exped. Manchouk. Bot. 48: 8, f. g. 1. 1935.

"Hab. Ling-yüan (Nakai, Honda, & Kitagawa. Aug. 13, 1933--Typus)."

Manchuria

Koeleria gracilis var. *gypsacea* Domin, Magyar Bot. Lapok 3: 266. 1904.

"Bisher bloss auf den Gipsbergen in der Umgebung von Nordhausen (Harz) daselbst aber mehrfach (leg. et mis.) Osswald 1904)."

Europe

Koeleria gracilis var. *hirsutiflora* Domin, Bibl. Bot. 65: 216. 1907.

"Habitat in Sibiria: prov. Irkutsk: distr. Balagansk: Mydzinsky ulus, lg. N. Malzew 1903, in steppis (A.S.P.)" = Herb. Acad. St. Petersburg.

"Exsiccatas: Mus. Botan. Acad. Scient. Petropolit. No. 375 p.p."

Siberia. Russia. Asia

Koeleria gracilis var. *humelii* T. Norl. Fl. Mongol. Steppe & Des. Areas, Rep. Sci. Exped. W. W. Prov. China, Sven Hedin, Publ. 31: 90. pl. 13. 1949. (Stockholm)

"Typus var. --: Hummel, n. 1308."

Mongolia: Khonin chaghan-ohölo-göl. Aug. 1. 1927.

Koeleria gracilis f. *includens* Domin, Bibl. Bot. 65: 181. 1907.

No loc. cited Europe?

Koeleria gracilis var. *intercedens* Domin, Bibl. Bot.
65: 194. 1907.

"Habitat in collinis siccis, in rupestribus in Bohemia media locis plurimis, a. e. pr. Kuohelbad (Velenovsky 1885), pr. Motoly (idem), in valle fl. Moldau pr. Bostoky legi ipse etc."

Bohemia

Koeleria gracilis var. *jacutskana* Domin ex Fedtsch.
Bull. Jard. Bot. Pierre le Grand 14 (Suppl. 2): 71.
1915, nom. nud.

U.S.S.R.

Koeleria gracilis f. *lanata* Domin, Magyar Bot. Lapok
3: 266. 1904.

"Kneucker Gram. exc. II. Lief. 1900. Nr. 37, bei Wien leg. v. Kovats (f. *lanata*)."

Austria

Koeleria gracilis var. *latifolia* Domin, Magyar Bot.
Lapok 3: 269. 1904.

Based on "*K. pseudoglauca* Borb. non Schur!"

Hungary

Koeleria gracilis var. *latifolia* f. *capitata* Domin,
Bibl. Bot. 65: 198. 1907.

"Tirolia australis: Bozen lg. Hausmann sub nom. '*K. cristata* forma spiciis abbreviatis' (H. Haack.)."

Austria

Koeleria gracilis var. *latifolia* subv. *oreades* Domin,
Bibl. Bot. 65: 199. 1907.

"Tirolia: in regione subalpina Montis Altissimo lg. de Beck 1881 (H. div.)."

Austria

Koeleria gracilis var. *leiophylla* (Haack.) Domin,
Magyar Bot. Lapok 3: 267. 1904.

Based on "*K. cristata* var. *gracilis* subv. *leiophylla* Haack."

Europe

Koeleria gracilis var. *leptostachya* Domin, Bibl. Bot.
65: 201. pl. 13. f. 9. 1907.

"Habitat in Hungaria bor.: Komit. Trenčin: in collibus calcareis vallis Bošacensis ubique, lg. J. L. Holuby 1879 (H. Haack.)."

Hungary

Koeleria gracilis var. *litorea* Domin, Bibl. Bot. 65:
210. 1907.

"Habitat in Mandschuria austro-orient.: litore arenoso ad ostium fl. Sedeni lg. Jankowski 1882 (A.S.P.)."

A.S.P. = Herb. Acad. St. Petersburg.

Koeleria gracilis var. *lobata* Litw. Sched. Herb. Fl.
Ross. 8: 207. 1918.

"Prov. Pergama (Turkestan), distr. Skobelev, in iugo Alajloo, in decliv. ad p. Pulgan. 1916 V. 14. lg. W. Drobow."

Koeleria gracilis majoriflora Borb. ex Jav. Magyar
Fl. 1: 87. 1924, descr. in Hungarian.

Hungary?

Koeleria gracilis var. *mandschurica* Domin, Bibl. Bot.
65: 209. 1907.

"Exsiccatae: Mus. Botan. Acad. Scient. Petropolit. No. 534 (1902). Mandschuria occident.: Montes Chingan, pr. Irekto, in montibus, lg. D. Litvinow 1902 (A.S.P.)."

A.S.P. = Herb. Acad. St. Petersburg.

Koeleria gracilis var. *minoriflora* Domin ex Fedtsch.
Bull. Jard. Bot. Pierre le Grand 14 (Suppl. 2): 71.
1915, nom. nud.

U.S.S.R.

Koeleria gracilis var. *minutiflora* Domin, Bibl. Bot.
65: 200. pl. 13. f. 17. 1907.

"Hungaria: Komit. Pest: in monte Harshegy ad Budam (de Degen 1904)....first cited. Others cited from European Russia."

Hungary

Koeleria gracilis var. *minutiflora* subv. *asperifolia*
Domin, Bibl. Bot. 65: 201. 1907.

"Rossia merid.: Oub. Cherson, lg. Nordmann"

U.S.S.R.

Koeleria gracilis var. *minutiflora* subv. *de[n]siflora*
Domin, Bibl. Bot. 65: 200. 1907.
densiflora in index p. 200.

"Rossia merid.: ad Tansin infer. lg. Henning 1823."

U.S.S.R.

Koeleria gracilis var. *monticola* Domin, Viertel.
Naturf. Gesellsch. Zurich 51: 199. 1906.

"Kt. Wallis: Saas: Hohe Stiege (...lg. P. O. Wolf 1897, auch niedrige Formen). Hinter der Grenze bei Macugnaga (lg. P. O. Wolf 1897) Piemont: Cogne: Chapelle La Crête (lg. P. O. Wolf 1897)."

Europe

Koeleria gracilis [var. *typica*] f. *montivaga* Domin,
Bibl. Bot. 65: 184. 1907.

[not under var. in index]

"Praecipue in regione alpina et subalpina Alpium Helvetiae, Fedemontii et Galliae australis."

Europe

Koeleria gracilis var. *mucomata* Domin, Bibl. Bot.
65: 191. pl. 13. f. 13. 1907.

"Habitat in Caucaso: Tomir-Chan-Schura lg. A. Becker 1870 (No. 120, H. J. P. = Herb. Bot. Gard. St. Petersburg.)."

U.S.S.R.

Koeleria gracilis var. *mucomata* (Domin) Fedtsch.
Bull. Jard. Bot. Pierre le Grand 14 (Suppl. 2): 70.
1915,

Presumably based on *K. gracilis* ssp. *gracilis* var. *mucomata* Domin.

U.S.S.R.

Koeleria gracilis var. *mukdenensis* (Domin) Kitagawa,
Rep. Inst. Sci. Res. Manchukuo 3 (App. 1): 81. 1939.

Based on *Koeleria mukdenensis* Domin

Manchuria

Koeleria gracilis var. *obscura* Velen. Sitz. Bdhm. Ges.
Wiss. Math.-Naturw. Klasse, Prag, 28: 26. 1904.

"In siccis ad Varnam (Strf.), in M. Rhodope ad Markovo (Strf.)."

Bulgaria

Koeleria gracilis var. *pallida* Uechtritz in Aschers. &
Graebn. Syn. Mitteleur. Fl. 2: 359. 1900.

Europe

Koeleria gracilis var. *persica* Domin, Bibl. Bot.
65: 215. pl. 13. f. 8. 1907.

"Habitat in Persia austro-orientali: prov. Kermanshah in monte Kuh-i-Lalesar, regio alpina, 3500 m, lg. J. Bornmuller 1892, No. 4943."

Herb. Bornmuller

Koeleria gracilis var. *pilifera* Domin, Bibl. Bot.
65: 217. 1907.

"Habitat in Sibiria orient.: prov. Tobolsk, distr. Kurgan, inter pag. Logovuska et Cesnokovaja lg. Gordjagin 1896 (A.S.P.)."

A.S.P. = Herb. Acad. St. Petersburg.

"Exsiccatae: Herbar. Universitatis Kasanensis No. 1278."

Koeleria gracilis var. *pilifera* (Domin) Fedtsch. Bull.
Jard. Bot. Pierre le Grand 14 (Suppl. 2): 71. 1915.

Presumably based on *K. gracilis* ssp. *gracilis* var. *pilifera* Domin.

U.S.S.R.

Koeleria gracilis var. *pratensis* Serg. Animadv. Syst.
ex Herb. Univ. Tomsk No. 1: 4. 1928.

"Prov. Tomsk, prope opp. Tomsk ad ripas fluvii Tom et in insula Syrjanovskiy ...16. VII. 1926. fl. leg. W. Czechov et M. Kuminova. Circa opp. Kusnetsk in pratis inundatis ad ripas fl. Tom. VII. 1921 fr. leg. V. et L. Reverdatto."

U.S.S.R.

Koeleria gracilis var. *protractiva* Domin, Bibl. Bot.
65: 215. pl. 13. f. 11. 1907.

"Habitat ad Safranbol [Probabiliter Safranbolu, oppidum in Paphlagonia] lg. Wiedem 1835 (H.J.P.)."

H.J.P. = Herb. Gard. St. Petersburg.

Asia Minor

Koeleria gracilis ssp. *pseudocristata* Domin, Viertel.
Naturf. Ges. Zurich 51: 200. 1906.

"So im Kt. Zürich einmal ohne nähere Standortsangabe und Altstetten-Zürich (Herb. Bertschinger, 1887)."

Switzerland

Koeleria gracilis var. *puberula* Domin, Allgem. Bot.
Zeitschr. 9: 43, 81. 1903.

"(Opiz Sp.)—This undescribed

"in der Umgebung Frag's (besonders in dem Moldauthale)...."

Bohemia

Koeleria gracilis var. *pubiculmis* Domin, Bibl. Bot.
65: 216. 1907.

"Germania: Württemberg: Heuneburg O. A. Riedlingen, Hebertingen O. A. Saulgau, in planitie fl. Danubii pr. Mengen (K. Bertsch 1905)."

Koeleria gracilis var. *puzstarus* Domin, Magyar Bot.
Lapok 5: 283. 1906.

"leg. J. Wágner V 1905." comm. A. de Degan.

Hungary

Koeleria gracilis var. *puzstarus* f. *microstachya* Domin,
Bibl. Bot. 65: 196. 1907.

Komit. Temes:...prope Deliblat

Europe

Koeleria gracilis var. *pycnostachys* Domin, Bibl. Bot.
65: 210. 1907.

"Habitat in Siberia occident.: Prov. Tobolsk: distr. Tjukalin, pr. pag. Zamiralowa lg. Skalozubow (A.S.P.).
A.S.P. = Herb. Acad. St. Petersb.
Siberia. Russia

Koeleria gracilis var. *pycnostachys* (Domin) Fedtsch.
Bull. Jard. Bot. Pierre le Grand 14 (Suppl. 2): 70.
1915.

Presumably based on *K. gracilis* ssp. *gracilis* var. *pycnostachys* Dom.

Koeleria gracilis var. *Raddeana* Domin, Compt. Rend.
Acad. Sci. U.R.S.S. A: 142. 1929.

(= var. *variegata* subv. *pubescens* Domin)
"Caucasus: Duly dagh, ad alpis basin (ca. 3540 m), fontes fl. Kasi-Kumuch-Koissu, leg Radde 1885)."

Koeleria gracilis var. *rigidissima* Domin, Bibl. Bot.
65: 208. 1907.

"Habitat in Russia media in gub. Voronezh: distr. Pavlov lg. Tanfiljew 1891 (H.J.P.)."
H.J.P. = Herb. Gard. St. Petersb.
Russia

Koeleria gracilis var. *rigidissima* (Domin) Fedtsch.
Bull. Jard. Bot. Pierre le Grand 14 (Suppl. 2): 70.
1915.

Presumably based on *K. gracilis* ssp. *gracilis* var. *rigidissima* Domin.

Koeleria gracilis var. *Rohlena* Domin, Bibl. Bot.
65: 193. 1907.

"Montenegro: Sekirica planina ca. 1200 m. (Rohlena 1903); Andrijevo, ca. 1000 m (idem 1903)."
[Yugoslavia]

Koeleria gracilis var. *rossica* Domin, Bibl. Bot.
65: 199. 1907.

"Habitat in Rossiae guberniis orientalibus raro meridionalibus."
U.S.S.R.

Koeleria gracilis var. *rossica* (Domin) Fedtsch. Bull.
Jard. Bot. Pierre le Grand 14 (Suppl. 2): 70. 1915.

Presumably based on *K. gracilis* subsp. *gracilis* var. *rossica* Dom.
U.S.S.R.

Koeleria gracilis var. *rossica* subv. *subconvoluta*
Domin, Bibl. Bot. 65: 200. 1907.

"Gub. Simbirsk: distr. Korsum: pr. pagum Kptljakovo step (S. Korshinsky 1885)."
U.S.S.R. Europe

Koeleria gracilis var. *sabulosa* Deg. ex Jav. Magyar Fl.
1: 87. 1924, descr. in Hungarian.

Europe?

Koeleria gracilis var. *sibirensis* Domin, Bibl. Bot.
65: 216. 1907.

"Habitat in Siberia occid.: prov. Jakutsk: secus fl. Lena pr. stationem Bestjash lg. Naumow 1902 (H.J.P.).
H.J.P. = Herb. Gard. St. Petersb.
"Exsiccatas: P. V. Olenin, Flora provinciae Jakutsk No. 51, No. 97 (1902)."

Koeleria gracilis var. *sibirensis* (Domin) Fedtsch.
Bull. Jard. Bot. Pierre le Grand 14 (Suppl. 2): 71.
1915.

Presumably based on *K. gracilis* subsp. *gracilis* var. *sibirensis* Domin
Siberia

Koeleria gracilis var. *Sintenisii* Domin, Bibl. Bot.
65: 211. 1907.

"Armenia turcica: Szandschak Odmschkhane, in planitie lapidosa mont. Aktasch lg. P. Sintenis 1894 (H. div.)." "Exsiccatas: P. Sintenis, Iter orientale 1894 No. 6165."
Armenia

Koeleria gracilis var. *stepposa* Domin, Bibl. Bot. 65:
209. 1907.

"Habitat in Sibiriae prov. Jenisseisk, distr. Minusinsk, ... in steppis pr. Patrosolevo lg. Martjanov 1896, No. 59 (H.J.P., A.S.P.)."
H.J.P. = Herb. Gard. St. Petersb.
A.S.P. = Herb. Acad.

Koeleria gracilis var. *stepposa* (Domin) Fedtsch. Bull.
Jard. Bot. Pierre le Grand 14 (Suppl. 2): 70. 1915.

Presumably based on *K. gracilis* ssp. *gracilis* var. *stepposa* Domin.
U.S.S.R.

Koeleria gracilis var. *subinflata* Domin, Bibl. Bot.
65: 200. pl. 12. f. 4. 1907.

"Habitat in montibus uralensibus."
"Ural: in monte Sugomin pr. Kytylinsky zavod lg. P. W. Sjusew 1894 (A.S.P.)." No. 130.
A.S.P. = Herb. Acad. St. Petersb.

Koeleria gracilis var. *subinflata* (Domin) Fedtsch.
Bull. Jard. Bot. Pierre le Grand 14 (Suppl. 2): 70.
1915.

Presumably based on *K. gracilis* ssp. *gracilis* var. *subinflata* Dom.
U.S.S.R.

Koeleria gracilis var. *subobtusiglumis* Domin, Bibl.
Bot. 65: 218. 1907.

"Habitat passim per Europam orientalem (Rossia) et Asiam."
[See subvars.]

Koeleria gracilis var. *subobtusiglumis* (Domin) Fedtsch.
Bull. Jard. Bot. Pierre le Grand 14 (Suppl. 2): 71.
1915.

Presumably based on *K. gracilis* ssp. *gracilis* var. *subobtusiglumis* Domin.
U.S.S.R.

Koeleria gracilis var. *subobtusiglumis* subv. *bulgarica*
Domin, Bibl. Bot. 65: 219. 1907.

"Habitat in Bulgaria in graminosis ad Varnam, lg. Stribrny 1897 (H. Vel.)."
H. Vel. = Herb. J. Velenovsky

Koeleria gracilis var. *subobtusiglumis* subv. *chinensis*
Domin, Bibl. Bot. 65: 218. 1907.

"Habitat in China (Mongolia orient.): Ourato, lg. A. David 1866 (H.J.P.).
H.J.P. = Herb. Gard. St. Petersb.
"Exsiccatas: Herb. Mus. Parisiensis No. 2663"

Koeleria gracilis var. *subobtusiglumis* subv. *collina*
Domin, Bibl. Bot. 65: 220. 1907.

"Habitat in Rossia orientali.
"Gub. Ufa: distr. Bireki: pr. pagum Karazyrik lg. S. Korshinsky 1886 (H.J.P.).
H.J.P. = Herb. Gard. St. Petersb.

Koeleria gracilis var. *subobtusiglumis* subv. *glabra*
Domin, Bibl. Bot. 65: 218. pl. 13. f. 14. 1907.

Specimens cited from European Russia and Asia. The drawing is made from China: Mongolia orient.: pr. Sartchy (A. David 1866, H. Mus. Paris. No. 2732 p.p. max." (See p. 333)

Koeleria gracilis var. *subobtusiglumis* subv. *himalayensis* Domin, Bibl. Bot. 65: 219. 1907.

Exsiccatas: "Herbar., Botan. Dep., Northern India No. 7389 [C. A. Browne 1888]. J. F. Duthie, N. W. Himalayan Plants (Tihri-Garhwal) No. 24 *K. cristata* (1883)."
Himalaya

Koeleria gracilis var. *subobtusiglumis* subv. *pubescens*
Domin, Bibl. Bot. 65: 219. 1907.

Under Exsiccatas the following are listed:
"N.W. Himalayan Plants (Tihri-Garhwal) No. 18 (Duthie) Dr. Aug. Henry's collections from Central China 1885-1888 No. 3505."
These are included among others in Geographic Distribution.

Koeleria gracilis var. *subobtusiglumis* subv. *soongarica*
Domin, Bibl. Bot. 65: 219. 1907.

"Habitat in Soongaria, lg. A. Schrenk 1843 (H.J.P.).
H.J.P. = Herb. Gard. St. Petersb.
U.S.S.R.

Koeleria gracilis f. *subpubiculmis* Domin, Bibl. Bot.
65: 181. 1907.

Urania, U.S.S.R.

Koeleria gracilis var. *supina* (Domin) Hedb. Symb.
Bot. Upsal. 15: 42. 1957.

Based on *K. convoluta* var. *vulcanica* subv. *supina* Domin. 1907, Tanganyika, Kilimanjaro----Volkens 1351. (B, syntype: K.)
Africa

Koeleria gracilis var. *tenuis* Domin, Bibl. Bot.
65: 216. 1907.

"Habitat in Siberia.
"Prov. Amur: prope Bussena lg. Max'movioz 1859 (H.J.P.); in pratis siccis secus fl. Chara medium lg. V. L. Komarov 1895, H.J.P. "Prov. Tomsk: distr. Borgaul: ad fl. Ob lg. Tanfiljew 1899...(H.J.P.)."
H.J.P. = Herb. Gard. St. Petersb.
Siberia. Russia

Koeleria gracilis var. *tenuis* (Domin) Fedtsch. Bull.
Jard. Bot. Pierre le Grand 14 (Suppl. 2): 71. 1915.

Presumably based on *K. gracilis* ssp. *gracilis* var. *tenuis* Domin.
U.S.S.R.

Koeleria gracilis var. *tokiensis* (Domin) Honda, Bot.
Mag. Tokyo 41: 389. 1927.

Based on *Koeleria tokiensis* Domin
Japan

Koeleria gracilis Pers. var. *tokiensis* (Domin) Honda
in Nakai, Bull. Nat. Sci. Mus. 31: 139. 1952.

Basis not cited, presumably based on *K. tokiensis* Domin.
Japan

Koeleria gracilis var. *tomentosula* Serg. Animadv. Syst.
ex Herb. Univ. Tomsk. No. 1. 4. 1928.

"Habitat in declivitatibus meridionalibus in prov. Tomsk. (prope opp. Tomsk) 25. VI. 1886. fl. leg. P. Korylov."
U.S.S.R.

Koeleria gracilis var. *typica* Domin, Magyar Bot.
Lapok 3: 265. 1904.

"Ich sah die var. *typica* aus Elsass-Lothringen
(leg. E. Issler locis pluribus), ..."
[Alsace-Lorraine] Germany

Koeleria gracilis var. *typica* f. *Potanini* Domin, Bibl.
Bot. 65: 184. 1907.
[not under var. *typica* in Domin index]

"Habitat in montibus Bukumbaj in valle fl. Takyr,
lg. Potanin 1863 sub no. 474 (H.J.F.)"

"H.J.F." = Herb. Bot. Gard. St. Petersburg.

Koeleria gracilis var. *typica* f. (vel subv.) *washing-*
tonensis Domin, Bibl. Bot. 65: 185. 1907.

"Habitat in U.S.A.: Eastern Washington: Chelan
Buttes lg. Griffiths et Cotton 1902 (H. Wash.)"
No. 179.

H. Wash. = U. S. Nat. Herb.
[not in Man. U. S.]

Koeleria gracilis var. *uralensis* Domin, Bibl. Bot.
65: 215. 1907.

"Habitat in Russia: Ural: pr. Petropawlosk lg.
Meinshausen (H. Z.)"

Herb. Bot. Mus. Univ. Zürich

Koeleria gracilis var. *variegata* (Trautv.) Domin, Bibl.
Bot. 65: 214. pl. 13. f. 15. 1907.

Based on *K. oristata* var. *variegata* Trautv.
Caucasus, Armenia

Koeleria gracilis var. *variegata* subv. *pubescens* Domin,
Bibl. Bot. 65: 214. 1907.

"Habitat in Caucaso: Dulty-dagh, ad alpis basin
(o. 12400'), fontes fl. Kasi-Kumuch-Koissu (Radde
1885)."

Caucasus

Koeleria gracilis var. *violacea* St. Amans, Fl. Agen.
37. 1821.

"A Tillet." France

Koeleria gracilis var. *violascens* (Uechtr.) Domin ex
Fedtsch. Bull. Jard. Bot. Pierre le Grand 14 (Suppl.
2): 71. 1915, nom. nud.

U.S.S.R.

Koeleria gracilis f. *vivipara* Domin, Bibl. Bot. 65:
181. pl. 2. f. 7. 1907.

figure "(Original der *K. oristata* var. *vivipara*
Trautv.)"

"*K. oristata* var. *vivipara* Trautv. p.p.
"K. Holuby, Oesterr. Bot.
Zeitschr. 22: 79. 1872.

Europe

Koeleria grandiflora Bertol. in Schult, Mant. 2: 345.
1824.

"Bertolon in litt."

"Bertolon. In Liguria et Etruriae petrosis ."
Italy

= *K. splendens* fide Domin

Koeleria grandiflora var. *durmitorea* Domin, Mag. Bot.
Lap. 3: 346. 1904.

"Habitat in monte montenegrino Durmitor (o. 1800-
2000m. leg. J. Rohlena 1904, H. R.)"

"Montenegro: in monte Durmitor"---Domin, Bibl.
Bot. p. 98 sub *K. splendens durmitorea* (Domin)
Domin

Koeleria grandiflora var. *hirtella* Parl. Fl. Ital.
1: 326. 1848.

"dal prof. De Notaris che l'ha raccolta nelle col-
line sopra Sestri di Ponente." Italy

Koeleria grandiflora var. *maior* De Not. Mem. R. Accad.
Sci. Torino II. 9: 486. 1848.

var. ...in collibus prope Genuam, et prae caeteris
supra Sestri."

Italy

Koeleria grandiflora var. *minor* De Not. Mem. R. Accad.
Sci. Torino II. 9: 486. 1848.

"in aridioribus ad promontorium Noli."

Italy

Koeleria grandiflora var. (oder f.) *pubiculmis* Domin,
Mag. Bot. Lap. 3: 346. 1904.

"Montenegro auf dem Berge Ranisava (c. 1700 m.
leg. J. Rohlena 1904, H.R.)"

Koeleria grandiflora ssp. *Škorpili* Podpér. Berh. Zool.-
Bot.-Ges. Wien. 52: 679. 1902.

"Kjulevče Madara bei Šumen, auf Kreidefelsen"
[Südbulgarien (Ostrumelien)].

Jugoslavia

Koeleria grandis Bess. ex Nym. Conspect. 816. 1882,
as syn. *K. oristata* P.

Europe

Koeleria grandis Domin, Bibl. Bot. 65: 243. pl. 17. f.
3. 1907. Figure from "Russland" (p. 334)

Besser is given in parenthesis as basis. "Besser
Herb. em. et ampl." and "K. gigantea Besser in
Ledebour Fl. Ross. 4: 401. 1853, as syn. *K.*
oristata p.p." cited.

"Reichenb. Fl. Exsicc. No. 2505 *K. grandis* Bess.
(a)."

aff. *K. pyramidata*

Koeleria grandis var. *convoluta* Domin, Bibl. Bot.
65: 245. 1907.

"In germanland: in collibus sabulosis ad ostium fl.
Narovas (Meinshausen 1882, a, b. d.)"

Koeleria grandis var. *graciliscens* Domin, Bibl. Bot.
65: 244. 1907.

"*K. polonica* Domin, Mag. Bot. Lapok 3 [no page]
sensu str." cited.

Europe

Koeleria grandis [var. *graciliscens*] f. *humilior*
Domin, Bibl. Bot. 65: 245. 1907.

"Ingermanland: ...Ad Fljussa var. b [var. *graciliscens*]
Ad Fljussa var. b., forma *humilior*."

Koeleria grandis var. *polonica* (Domin) Fedtsch. Bull.
Jard. Bot. Pierre le Grand 14 (Suppl. 2): 71. 1915.

Presumably based on: *K. polonica* Domin

Koeleria grandis var. *quadriflora* Domin, Bibl. Bot.
65: 245. 1907.

"Gub. Archangelsk: bei der Stadt Pinega; ... (R.
Pohle 1902, var. *quadriflora*)"

U.S.S.R.

Koeleria grandis var. *stenoglamis* Domin, Bibl. Bot.
65: 245. 1907.

"Gub. Lublin: pr. Lublin (F. Karo 1883, c!!)."
Poland

Koeleria grandis var. *typica* Domin, Bibl. Bot.
65: 244. 1907.

"Gub. Kiew. pr. urbem Kiew legit Trautvetter anno
1851 var. *typica*." Other specimens cited.

Koeleria grisebachii Domin, Mag. Bot. Lapok 3: 342.
1904. [cited 4: 342 (1904) in Domin, Bibl. Bot. 65
p. 119.

"*K. caudata* Griseb. 1879" "neo Steudel 1855."
Domin, Bibl. Bot. 65: 119. 1907.

Argentina

Koeleria grisebachii var. *catamarcensis* Domin; Repert.
Sp. Nov. Fedde 2: 93. 1906.

"Ex sicc.: F. G. Lorentz, Flora Argentina no. 651
(pro *K. oristata*)."
"Argentina: Jucutula cerca Belen; Prov. Catamarca.
Leg. Lorentz II. 1872 (H. Berol.)."

Koeleria Grisebachii var. *mendocinensis* Haum. Anal.
Soc. Cien. Argentina 86: 235. 1918.

"Dans le gazon, au bord de l'étang de Horcones,
mars 1918." [Argentine Republic]

Koeleria grisebachii var. *rijoensis* Domin, Repert. Sp.
Nov. Fedde 2: 93. 1906.

"Exsicc.: G. Hieronymus et G. Niederlein, Flora
Argentina no. 599."
"Argentina: En las cercanías de la quebrada 2 a 4
leguas mas arriba del Vallecito; Sierra
Famatina; Prov. de la Rioja. Leg.
Hieronymus et Niederlein 21. I. 1879.
(H. Berol.)."

Koeleria Grisebachii var. *typica* Domin, Bibl. Bot.
65: 119. pl. 7. 1907.

"Exsiccatae: "G. Hieronymus et G. Lorentz, Flora
Argentina No. 81...*K. caudatula*
Griseb (1873)"
"Argentina: Nevado del Castillo; Prov. de Salta. Leg.
Hieronymus et Lorentz 1873 (H.B.)."

H. B. = Herb. Bot. Mus. Berlin

Koeleria helvetica Domin, Bibl. Bot. 65: 174, 226. pl.
13. f. 3. 1907.

"Habitat in Vallesia: Kt. Wallis: pr. Iserables lg.
L. Favrat 1840 (H.P.Z.)"

H.P.Z. = Herb. Bot. Mus. Polytechnic Zurich
Switzerland

Koeleria hieronymi Domin, Repert. Sp. Nov. Fedde
2: 89. 1906.

"Exsicc.: G. Hieronymus et G. Niederlein: Flora
Argentina no. 703."

"Habitat in Argentina: En las cercanías del Pío de
la buesta, mas arriba del Vallecito; Sierra Famatina
Prov. de la Rioja. Leg. 15. - 20. I. 1879 G. Hier-
onymus et G. Niederlein (H. Berol.)."

Koeleria hirsuta Gaudin, Alpina 3: 48. 1808.

"*Festuca hirsuta* Hall. fil. in notis ined."

"Herr Schleicher ... auf dem Berg Trepal im Veltlin
...entdeckt."

Switzerland

Koeleria hirsuta Schleich Cat. Fl. Helv. IV. 21.
1821, nom. nud. Not Gaudin 1808. ?

Switzerland

Koeleria hirsuta var. *brevifolia* (Reut.) Richter, Fl. Europ. 1: 76. 1890.

Based on *Koeleria brevifolia* Reut.
Europe

Koeleria hirsuta var. *carniolica* (Kerner) Richter, Fl. Europ. 1: 76. 1890.

Based on *Koeleria carniolica* Kerner

Koeleria hirsuta var. *oenisia* (Reut.) Richter, Fl. Europ. 1: 76. 1890.

Based on *Koeleria oenisia* Reut. ex Nym. Consp. 816. 1882, as syn. of *Koeleria hirsuta* Gaud. Domin, Bibl. Bot. 65: 68. 1907, cites *K. oenisia* Reuter ex Reverchon Bull. Soc. Etud. scient. d'Angers 138-140 1873; Nyman, Consp. 816. 1882. Long footnote on *K. oenisia* by Domin.

Switzerland

Koeleria hirsuta var. *denudata* Domin, Bibl. Bot. 65: 73. 1907.

Muret, 1863.

"Vallesiae pr. Pontresina (Kanton Graubünden) ubi eam legit Muret 1863 (H.L.)."

"H.L." = Herb. Bot. Mus. Lausanne

Koeleria hirsuta var. *eristachya* Richter, Fl. Europ. 1: 76. 1890.

Based on *Koeleria eristachya* Panó.

= *K. eristachya* Pandé in Domin, Bibl. Bot. 157. Serbia in Domin, Bibl. Bot. p. 157. 1907.

Koeleria hirsuta var. *leiantha* Domin, Bibl. Bot. 65: 73. 1907.

Leresche, Aug. 1850.

in alpinis Vallesiae in Engadin (Kt. Graubünden) secus vias vallis Bovers

"H.L." = Herb. Bot. Mus. Lausanne

Switzerland

Koeleria hirsuta var. *pallida* Kneuck. Bull. Trav. Murithienne Fasc. 19-20: 81. 1892.

Europe

Koeleria hirsuta var. *Schinzii* Domin, Viertel. Naturforsch. Gesellsch. Zurich 51: 198. 1906.

"Kt. Graubünden: Grasgehänge am Berninahospiz, Oneis, 2450 m. Schweizerische Gräserammlung, herausgegeben von der eidg. Samenkollstation nr. 109 (1889)."

Switzerland

Koeleria hirsuta var. *typica* Domin, Bibl. Bot. 65: 71. pl. 3. f. 4, pl. 4. f. 7. 1907.

[Domin does not put the forms under var. *typica* in his index]

Figures p. 330, 331 from Switzerland.

Koeleria hirsuta var. *typica* f. *distanspiculata* Domin, Bibl. Bot. 65: 72. 1907.

"Aihue tantum in Vallesia: Kt. Tessin lg. Favrat 1854."

Switzerland

Koeleria hirsuta var. *typica* f. *genuina* Domin, Bibl. Bot. 65: 71. 1907.

Switzerland

Koeleria hirsuta var. *typica* f. *latifrons* Domin, Bibl. Bot. 65: 71. 1907.

"Vallesia: ...Kt. Graubünden: Engadin: Val Bovers... Thomas, Brandt, Leresche, Lager etc., f. *latifrons* quoque atque f. *subglabriflora*."

Switzerland

Koeleria hirsuta var. *typica* f. *pallida* (Kneuck.) Domin, Bibl. Bot. 65: 71. 1907.

Based on *K. hirsuta* var. *pallida* Kneuck.

Europe

Koeleria hirta Desv. Opusc. 99. 1831.

= *K. hirsuta* ?

"Crescit in Hispania orientali."

Koeleria hirta Steud. ex Trin. in Bull. Soc. Acad. Petersb. 1: 66. 1836, as syn. *Trisetum smyrnaeum* Trin.

Asia Minor

Koeleria hispida (Savi) DC. Hort Monsp. 119. 1813.

Based on *Festuca hispida* Savi
Italy

Koeleria hispida Salzm. ex Ball, Journ. Linn. Soc. 16: 723. 1878. Not DC 1813.

= *K. salzmanni* Boiss. & Reut.

Marocco

Koeleria hosseana Domin, Fedde Rep. Nov. Sp. 10: 54. 1911.

"Habitat in regione alpina montium Tibeti." [coll. Dr. A. Tafel.]

Tibet

"var. *typica* Domin loc. = species."

Koeleria hosseana var. *capitata* Domin, Fedde Rep. Nov. Sp. 10: 55. 1911.

"Hoch-Tibet....Tafel 60 p.p."

Koeleria hosseana var. *tafelii* Domin, Fedde Rep. Nov. Sp. 10: 55. 1911.

"Hoch-Tibetleg. Dr. A. Tafel....no. 158."

Koeleria hosseana var. *typica* subv. *includens* Domin, Fedde Rep. Nov. Sp. 10: 55. 1911.

Hoch-Tibet

X *Koeleria hungarica* Domin, Magyar Bot. Lapok. 5: 284. 1906.

Parents:

"*Koel. gracilis* X *glauca*"

Hungary

Koeleria idahensis Domin, Bibl. Bot. 65: 175, 237. pl. 14. f. 8, 9. 1907.

"Idaho Plants, coll. about Lewiston, Nez Perces Co. by A.A. and E. Gertr. Heller No. 309 [error for 3091]"

= *Koeleria cristata* Man. U. S.

Koeleria idahensis var. *pseudocristatoides* Domin, Bibl. Bot. 65: 238. 1907.

"Exsiccatae: Idaho Plants, collect. about Lake Waha, Nez Perces Co., by A.A. and E. Gertr. Heller No. 3291 (*K. cristata*) (1896) [Given as Heller only in Manual]

= *K. cristata* Man. U. S.

Koeleria incerta Domin, Bibl. Bot. 65: 250. 1907.

"steppis Rossiae orientalis."

"Oub. Kasan: distr. Tschistopol: inter pag. Certusky-na et Novoselmsk lg. S. Korshinsky 1885 (H.J.P.) pr. Cetyrd Dvir lg. idem 1885 (H.J.P.) distr. Laischew: pr. pag. Mursicha lg. idem 1885 (H.J.P.)."

H.J.P. = Herb. Gard. St. Petersburg.

Russia

Koeleria intermedia Ahlq. in Thunb. Fl. Runsten. 7. 1815.

"Nova species vel distincta vel e *K. cristata* Fr. & *K. glauca* Novit. Fl. Svec. p. II. composita."

[*K. glauca* b. *intermedia* Fries]

"Habitat campis arenosis juxta viam publicam inter templum Runsten & Mockleby."

Koeleria intermedia Guss. Prodr. Fl. Sic. 1: 124. (1824?) 1827. Not Ahlq. in Thunb. 1815.

"Io. Fl. sic. t. 40. f. 1; and "Barr. io. 717?" cited.

"In sabulosis maritimis, et collibus arenosis a mare dissitis; Caltanisetta, Pietraperzia, S. Michele, Aidone, Piazza, Butera"

[*K. pubescens* in Domin p. 277]

Sicily

Koeleria intermedia Tourlet, Cat. Fl. Vaso. Indre-et-Loire 572. 1908. Not Ahlq. in Thunb. 1815.

Koeleria interrupta Schur, Verh. Siebenb. Ver. Naturw. 4: 84. 1853, as syn. *Koeleria cristata*; Oestr. Bot. Wochenbl. 306. 1857.

Cites: *K. cristata* var. *interrupta* Schur

Rumania

Koeleria kilimandjarica Domin, Bibl. Bot. 65: 111. 1907; as *synonym* sub. *K. convoluta* var. *vulcanica* Domin.
Kilima - Mjaro, Africa

Koeleria krglovii Reverd. Animadvers. Syst. Herb. Univ. Tomsk. 1953, No. 1-2; 12. 1953.

Sibir, (Krasnoyarsk)

Koeleria kurtzii Hack. in Kurtz, Bol. Acad. Nao. Cieno. Cordoba 16: 261. 1900.

"Argentina.--Cuesta del Tránsito. Sierra Achala de Córdoba, ... (6-13, I. 1895; F. Kurtz, no. 8363)."

Koeleria kurtzii var. *mollis* Hack. Bol. Acad. Nao. Cieno. Cordob. 16: 262. 1900.

"Catamarca: ... (I. -II. 1872; F. O. Lorentz no. 651, F. Schickendantz no. 131)... (25-28, I. 1879; Hieron. et Niederl. no. 395) ... (23-25, I. 1879; id., id., no. 430... (21, I. 1879; id., id., no. 599 p.p.)... (15-20, I. 1879; id. id. no. 703)."

Argentina

Koeleria lagopoides Panz. ex Spreng. Syst. Veg. 1: 332. 1825.

Based on *Dactylis lagopoides* Burm. in L.

= *Aeluropus lagopoides* (Burm.) Chiov.

Koeleria langetana Willk. & Lange, Prod. Fl. Hisp.

1: 76. 1861, as syn. *K. setacea* var. *quinqueflora* Willk.

= *K. vallesiana* var. *typica* f. *quinqueflora* (Willk.) Domin

Spain

Koeleria latifrons (Domin) Rydb. Brittonia 1: 84. 1931.

Based on *Koeleria* [*gracilis* subsp.] *nitida latifrons* Domin.

Man. U. S.

Nebraska

Koeleria laxa Link, Hort. Berol 1: 161. 1827.

"Hab. in Aegypto. Ehrenberg."

Koeleria lechleri Steud. Syn. Fl. Glum. 1: 294. 1854.

"Hrbr. Lechler nr. 311. Arigue, Chile"

Koeleria Ledebouri Domin, Bibl. Bot. 65: 164. pl. 15. f. 2. 1907.

"leg. Ledebour 1826 (Acad. Sci. St. P.)

Altai Mts. pr. Biddersk.

Siberia U.S.S.R.

Koeleria leiantha Batt. & Trab. Fl. Alger. 2: (Monoc.) 193. 1895.

"Guyotville"

Algeria

Koeleria lilloi Hack. Ann. Cons. Jard. Genève 17: 296. 1914.

"Argentina, prov. Tucumán, Tafi, La Banda, Barrancas 2000 m.s.m. Stuekert n. 22487 ex Lillo n. 8879 (26. XII. 1908)."

Koeleria linkii Kunth, Rév. Gram. 1: 124. 1829.

Based on "*Airochloa pubescens* Link" 1827.

"in Gallia australi"

Koeleria Litvinowi Domin, Bibl. Bot. 65: 116. pl. 7. f. 3, 4. 1907.

"lg. D. Litvinow 28. VI (Acad. St. Petersburg)"

"Turkestanica: distr. Namangan: ad portas Aflatum."

Koeleria lobata (M.-Bieb.) Roem. & Schult. Syst. Veg. 2: 620. 1817.

Based on "*Dactylis lobata* Marsch. & Bieberst."

Taur-Caucasus

Koeleria lobata Trin. Steud. Nom. Ed. II. 1: 849. 1840, as syn. *Reboulia gracilis*. Not R. & S. 1817.

= *Sphenopholis obtusata*

Man. U. S.

Koeleria longifolia Nutt. ex Domin, Bibl. Bot. 65: 224. 1907, as syn. of *K. pseudoaristata* var. *longifolia* Domin.

California, Nuttall

Man. U. S.

Koeleria longiglumis Trab. Bull. Soc. Bot. Fr. 34: 394. 1887; Batt. & Trab. Fl. Alger. 2: (Monoc.) 194. 1895.

"Hab. Constantine et Tunisie."

K. pubescens (Lam.) Beauv. var. *longiglumis* (Trab.) Domin.

Koeleria Luciae Senn. in Senn. & Maurio. Cat. Fl. Rif. Or. 130. [1933], nom. nud.

"Djebel Tendri, 1700 m." Morocco, Africa

Koeleria Luerseni Domin, Bibl. Bot. 65: 175, 228. pl. 12. f. 6; pl. 13. f. 12. 1907.

[Named in honor of Dr. Christ, Luerssen, Director, Inst. Hort. Bot. Königsberg]

Caucasus: provino, Kuban: Teberda, 4200', lg. D. Litvinow 1905 No. 182. (A.S.P.)

A.S.P. Herb. Acad. St. Petersburg.

Koeleria macilenta DC. Fl. Fr. Suppl. 5: 270. 1815.

"Cette plante croit dans les sables secs du bord de la mer, à Balestras, près Montpellier, où elle a été trouvée par M. Pouzin."

France

Koeleria macrantha (Ledeb.) Schult. Mant. 2: 345. 1824.

Based on *Aira macrantha* Ledeb.

"Jablonoj. Crebet."

Siberia

Koeleria macrura Domin, Bibl. Bot. 65: 175, 238. 1907.

"Habitat in Americae septentrionalis territoria meridionalibus (Arizona, New Mexico)."

[See forms for specimens cited]

Man. U. S.

Koeleria macrura f. *biflora* Domin, Bibl. Bot. 65: 239. 1907.

"Arizona: Pine Cañon, Chiricahua Mountains, lg. Tomney [error for Toumey] 1896 (H. Wash.)."

H. Wash. = U. S. Nat. Herb.

= *Koeleria aristata*

Man. U. S.

Koeleria macrura f. *quadriflora* Domin, Bibl. Bot. 65: 239. pl. 14. f. 6. 1907.

"Arizona: mountains, lg. Uealhey [error for Nealley] 69 1891 (H.B.)" = [Herb. Bot. Mus. Berlin]

= *Koeleria aristata*

Man. U. S.

Koeleria macrura f. *triflora* Domin, Bibl. Bot. 65: 239. pl. 14. f. 7. 1907.

"New Mexico: Dona Ana Co.: Organ Mountains, lg. E. Wootton 1897....[H. B.] No. 110."

H.B. = [Herb. Bot. Mus. Berlin]

= *Koeleria aristata*

Man. U. S.

Koeleria mannagettae Domin, Bibl. Bot. 65: 132. pl. 8. f. 6. 1907.

lg. Mathonnet (H.U.G.)

Gallia: Hautes Alpes. env. La Grave.

"H.U.G." = Herb. Bot. Inst. Deutsch. Univ. Prag.

Koeleria maritima Lange, Ind. Sem. Hort. Haun. 27. 1859. Cf. Linnaea 30: 753. 1859-60.

"Ad littora Oceani pluribus locis Galleciae (el Burgo, Coruña, Vigo) legi 1852."

= *K. albescoens* var. *maritima* (Lange) Domin

Spain

Koeleria michelii (Savi) Coss. & Dur. Expl. Sol. Alger. 2: 120. 1855.*

Based on *Bromus michelii* Savi

= *Avellinia Micheli* (Savi) Parl.

Italy

Acc. to Stearn (See date cards) this would be right date. Only one vol. completed and it called Vol. 2.

Koeleria micrathera Griseb. in Goett. Abh. 24: 292. 1879.

Based on "*Trisetum* [*micrathera*] Desv."

"mixtum compositum" fide Domin Bibl. Bot. 65: 125. 1907.

[Chile]

Koeleria Kuntzei Hack

misapplication of Trisetum Desv.

X *Koeleria mixta* Domin, Bibl. Bot. 65: 87. 1907.

"Probabiliter *K. vallesiana* X *britannica*."

Europe

Koeleria mollis Mann, ex Opiz, Natural 7: 63. 1824, nom. nud.; Opiz, Seznam. Rostl. Ceské 56. 1852.

= *K. pyramidata* (Lam.) Domin in Domin.

Koeleria monantha Domin, Bibl. Bot. 65: 242. pl. 17. f. 5. 1907.

lg. D. Litvinow 1905. (Acad. Sci. St. P.) No. 175

Caucasus: prov. Kuban.

Koeleria mongolica Domin, Bibl. Bot. 65: 130. 1907.

Mongolia: By-syn-öelu. (Kiltisch, H.J.P.), Boroohudryrou (in monte Darohyn) (Kiltisch, H.J.P.)

Koeleria mongolica var. *elatior* Domin, Bibl. Bot. 65: 131. 1907.

"Habitat in Mongolia orientali chinensi: Ourato lg. abbe A. David 1866 (H.J.P.), Herb. Mus. Paris Mro. 2663"

"H.J.P." = Herb. Bot. Gard. St. Petersburg.

Koeleria montana Jordan, Herb. 1854 ex Nym. Consp. 816. 1882, as syn. *Koeleria hirsuta* Gaud.

K. brevifolia Reuter fide Domin p. 68.

Europe

Koeleria montana (Hausm.) Dalla Torre, Anleit. Alpen-pfl. 341. 1882.

Based on *K. aristata* var. *montana* Hausm.

[Bozner Alpen: Seiseralpe auf Dolomit]

(Hausmann)--

Europe

Koeleria montana var. *diminuta* Domin, Bibl. Bot. 65: 154. 1907.

"Habitat in Tirolia orient. in alpinis pr. Bad Alt-Prags, in declivi mtis Zwölferkofl, raram legit bar. Hausmann 1864 (Herb. Hack.)."

Tyrol was Austria until 1919, Italy since

Koeleria montana var. *gracilescens* Domin, Magyar Bot. Lapok 3: 258. 1904.

"Habitat in herbis alpinis et subalpinis, praecipue in Bulgaria, Montenegro, Hungaria, Croatia."

Koeleria mucronata Trabut, Bull. Soc. Bot. France
34: 394. 1887; (Batt. & Trab. Fl. Alger 2: [Monoc.]
194. 1895.)

"Hab. Dunes de Bizerte (Tunisie) (mission Cosson,
1883, sub *Koel. pubescens* P.B.)."

Basis of *K. pubescens* var. *typica* f. *mucronata*
(Trabut) Domin.

Algeria

Koeleria mukdenensis Domin, Bibl. Bot. 65: 171. pl.
11. f. 1, 2. 1907.

Simonjow (sub no. 229 Hb. Gard. Bot. St. P.)

Manohuria: Mukden.

Koeleria multiflora Regel, & Herd., Ind. Sem. Hort.
Petrop. 1858: 23. 1859.

"Semina M. Philippi e Chile"

= *Eragrostis peruviana* (Jacq.) Trin. fide A.S.H.

Koeleria narbormensis Domin, Bibl. Bot. 65: 175, 228.
pl. 14. f. 11. 1907.

"Habitat in Gallia: Dept. Aude: Garrigues de Fres-
quet près de Narbonne, lg. G. Gautier." (Herb. Hack.)

Koeleria narbormensis var. *transiens* Domin, Bibl. Bot.
65: 229. 1907.

"Cum praecedenti [*K. narbormensis*] lg. G. Gautier
1880" (Herb. Hack.)

Koeleria niederleinii Domin, Repert. Sp. Nov. Fedde
2: 91. 1906.

"Exsicc.: G. Hieronymus et G. Niederlein, Flora
Argentina no. 395."

"Habitat in Argentina: Cueva de Perez; Sierra
Famatina, Prov. de la Rioja, Leg. G. Hieronymus et
G. Niederlein 26.-28. I. 1879 (H. Berol.)."

Argentina

Koeleria niederleinii var. *mutica* Domin, Repert. Sp.
Nov. Fedde 2: 92. 1906.

"Exsicc.: G. Hieronymus et G. Niederlein, Flora
Argentina no. 430."

"Habitat in Argentina: En las cercanías de la mina
El Oro; Sierra Famatina; Prov. de la Rioja, Leg.
Hieronymus et Niederlein 23.-25. I. 1879 (H. Berol.)."

Argentina

Koeleria niederleinii var. *pseudo-bergii* Domin,
Repert. Sp. Nov. Fedde 2: 92. 1906.

"Exsicc.: F. Schickendantz, Flora Argentina no. 131."

"Argentina: Jucastula cerca Belen; Prov. de Catamarca.
Leg. an 1879/1880 F. Schickendantz (H. Berol.)."

Koeleria nitida Nutt. Gen. Fl. 1: 74. 1818.

"On the plains of the Missouri v.v."

Domin, Bibl. Bot. 65: 229. 1907 refers this to
subsp. 10 *K. nitida* (Nuttall) Domin "sensu ampl."

= *K. cristata* Man. U. S.

Koeleria nitida Tenore Fl. Nap. Prod. 10. 1823.
Not Nutt. 1818.

= *K. setacea*

Not in Domin, Bibl. Bot. 1907.

Koeleria nitida (Nutt.) Domin, Bibl. Bot. 65: 229, 1907.

Cites: "Nuttall, The Gen. of N. Americ. Plants I. 74
(1818) (ut *K. cristata* 2* *nitida*) ampl."

Koeleria nitida var. *arkansana* Scribn. Trans. Kans.
Acad. 9: 118. 1885.

Arkansas

"*K. arkansana* Nutt. in herb."

= *Koeleria cristata* Man. U. S.

Not in Domin

Koeleria nitida var. *breviculmis* Domin, Bibl. Bot.
65: 236. 1907.

Colorado: Manos....lg. Baker, Earle, and Tracy
1898 No. 114"

H. B. = Herb. Bot. Mus. Berlin

= *K. cristata* Man. U. S.

Koeleria nitida var. *californica* (Domin) Bibl. Bot.
65: 233. 1907.

Based on *K. pseudocristata* var. *californica* Domin

= *K. cristata* Man. U. S.

Koeleria nitida var. *californica* subvar. *multiflora*
Domin, Bibl. Bot. 65: 234. 1907.

[Domin does not put these subvars. under var. in
his index]

"Habitat in California: San Bernardino Mountains,
lg. S.B. & W.F. Parish 1881 (H. Hack.) No. 855."

= *K. cristata* Man. U. S.

Koeleria nitida var. *californica* subv. *transiens*
Domin, Bibl. Bot. 65: 234. 1907.

[Domin does not put the subvar. under the var. in
his index]

Habitat in California: San Diego,lg. Brandegee
No. 3678.

H.L. = Herb. Bot. Mus. Lausanne

= *K. cristata* Man. U. S.

Koeleria nitida var. *californica* subv. *vastita* Domin,
Bibl. Bot. 65: 234. 1907.

[Domin does not put the subvar. under the var. in
his index]

"Habitat in California: San Diego Co.: Cusamaca Mts.
lg. Palmer 1875 No. 405" (H.J.P.)

"H.J.P." = Herb. Gard. St. Petersburg.

= *K. cristata* Man. U. S.

Koeleria nitida var. *caudata* Domin, Bibl. Bot.
65: 236. 1907.

"Wisconsin: Albion, Dane Co. lg. Th. Kunlien (H.B.)
No. 99"

H.B. = Berlin Bot. Mus.

= *K. cristata* Man. U. S.

Koeleria nitida var. *latifrons* Domin, Bibl. Bot.
65: 236. 1907.

Nebraska: On middle Loup River, near Thedford,
Thomas Co., Sand Hills lg. A. Rydberg 1893 H.B.)

H.B. = Herb. Bot. Mus. Berlin

= *K. cristata* Man. U. S.

Koeleria nitida var. *laxa* Domin, Bibl. Bot.
65: 235. 1907.

"Flora of Arizona, Willow Spring, No. 564 (1890 E.
Palmer). New Mexico....Mogollon Mts., on Mogollon
Creek, Socorro Co. by G. B. Metcalfe No. 289."

= *K. cristata* Man. U. S.

Koeleria nitida var. *mexicana* Domin, Bibl. Bot.

65: 236. pl. 14. f. 5. 1907.

"Habitat in Mexico (H. K.)"

H. K. = Herb. Kew Royal Gardens

Koeleria nitida var. *missouriensis* Domin, Bibl. Bot.
65: 233. pl. 14. f. 4. 1907.

"Missouri: pr. St. Louis lg. Riehl 1838 (sub. no.
44). Courtney (Busch 1896) No. 773."

= *K. cristata* Man. U. S.

Koeleria nitida var. *munita* Domin, Bibl. Bot.
65: 235. 1907.

"Montana: Black Hawk lg. A. Rydberg 1896 No. 3294."

= *K. cristata* Man. U. S.

Koeleria nitida var. *sublanuginosa* Domin, Bibl. Bot.
65: 234. 1907.

"South Dakota: Miranda, ...lg. D. Griffiths 1897
No. 235."

= *K. cristata* Man. U. S.

Koeleria nitida var. *sublanuginosa* subv. *pubiflora*
Domin, Bibl. Bot. 65: 234. 1907.

[Domin does not put the subvar. under the var. in
his index]

Washington: Columbia River, from Lat. 46 to 49 N.,
coll. Lyall 1860 (H.J.P.)

H.J.P. = Herb. Gard. St. Petersburg.

= *K. cristata* Man. U. S.

Koeleria nitida var. *subrepens* Domin, Bibl. Bot.
65: 235. 1907.

"Habitat in Colorado: Arboles, lg. Baker 1899 (H.B.)
No. 185."

H.B. = Herb. Berlin Bot. Mus.

= *K. cristata* Man. U. S.

Koeleria nitida var. *typica* Domin, Bibl. Bot.
65: 230. pl. 14. f. 1-3. 1907.

[Domin does not give the forms under *typica* in his
index]

f. 1. is given as U.S.A.

f. 2. "Flora of Osborn Co., Kansas, No. 90

f. 3. "Washington Fl. of Bph., Okanogan Co. No. 513."

[See p. 333]

= *K. cristata* Man. U. S.

Koeleria nitida var. *typica* f. *colorata* Domin, Bibl.
Bot. 65: 232. 1907.

"Rara" Cites the following: "Washington, U.S.A.
Okanogan Co.; in meadow of the Okanogan river (D. E.
Elmer 1897, forma *glabra colorata*."

not in Man. U. S.

Koeleria nitida var. *typica* f. *congesta* Domin, Bibl.
Bot. 65: 232. 1907.

"Rara" The following specimen cited: Wyoming:
Albany Co.: Laramie (A. Nelson 1901, forma *glabra*,
partim forma *congesta*).

not in Man. U. S.

Koeleria nitida var. *typica* f. *filifolia* Domin, Bibl.
Bot. 65: 232. 1907.

"Rara" No place cited

Koeleria nitida var. *typica* f. *glabra* Domin, Bibl.
Bot. 65: 231. 1907.

Numerous glabrous forms cited from U. S.; several from Canada

Koeleria nitida var. *typica* f. *pubescens* Domin, Bibl.
Bot. 65: 231. 1907.

Numerous pubescent forms cited from U.S.A.; from Canada: Rocky Mountains: lg. E. Bourgeau 1858 (forma glabra et pubescens, Fallisiers Brit. N. Americ. Exped.).

Koeleria nitidula Velen. Fl. Bulg. 611. 1891.

"On collinis calidis supra Belledihan (Skorpel), ad Razgrad, Varna (Vel), Supra Stanimaka (Fohl)."

Bulgaria

Koeleria nitidula var. *bohemica* Domin, Mag. Bot.
Lapok 3: 272. 1904.

Based on *Koeleria nitidula* f. *bohemica* Domin.
Bohemia [sent by Prof. Velenovsky]

Koeleria nitidula var. *obscura* (Velen.) Domin, Magyar
Bot. Lapok 3: 272. 1904; Domin, Bibl. Bot. 65: 167.
Tab. 11. f. 5. 1907.

Based on "*Koeleria gracilis* var. *obscura* Velen."

Koeleria nitidula var. *typica* Domin, Bibl. Bot.
65: 166. pl. 11. f. 3. 4. 1907.

f. 3, 4 said to be "(Bulgarien, Original)."

K. nitidula Velen.

Koeleria novozelandica Domin, Bibl. Bot. 65: 116. 1907.
[See var. *typica*]
"montibus Novae Zelandiae."

Koeleria novozelandica var. *parvula* Domin, Bibl. Bot.
65: 117. pl. 7. f. 11. 1907.

"Exsiccatae Herb. T. F. Cheesman 1334."
New Zealand

Koeleria novozelandica var. *pubiculmis* Domin, Bibl.
Bot. 65: 117. 1907.

Cheesman 1333. first cited.
New Zealand

Koeleria novozelandica var. *typica* Domin, Bibl. Bot.
65: 117. pl. 7. f. 9, 10. 1907.

"New Zealand: Canterbury, South Island: Stony ground: Waterfall Creek, Southern Alp, 2500 ft., lg. L. Cookayne 1896."

"H. Z." = Herb. Bot. Mus. Univ. Zurich

Koeleria obtusata Trin. ex Steud. Nom. Bot. Ed. II.
1: 849. 1840, as syn. *Airopsis obtusata*

= *Sphenopholis obtusata*

Man. U. S.

Koeleria obtusiflora Boiss. Diagn. Ser. I. 7: 121. 1846.

"Hab. prope pagum Radar provinciae Schiraz Kotschy no. 131."

Persia

Koeleria obtusiflora var. *amblyantha* (Boiss.) Domin,
Bibl. Bot. 65: 273. 1907.

Based on *K. phleoides* var. *amblyantha* Boiss.
Syria

Koeleria obtusiflora var. *condensata* (Boiss.) Domin,
Bibl. Bot. 65: 274. pl. 18. f. 10. 1907.

Based on *K. phleoides* var. *condensata* Boiss.

"prope Beyrouth ol. Blanche, prope Saida et in Libano ol. Gaillardot."

Koeleria obtusiflora var. *typica* Domin, Bibl. Bot.
65: 272. pl. 18. f. 8. 1907.

Cites: *K. obtusiflora* Boiss.
K. phleoides var. *obtusiflora* Boiss.
The drawing is from "Sudpersien".

Among others cites in Exsiccatae: "Th. Kotschy, Fl. Pers. austr. Ed. R. F. Hohenacker 1845 No. 131
K. obtusiflora Boiss. n. sp."

Koeleria oregana Nutt. ex Domin, Bibl. Bot. 65: 224.
1907, as syn. of *K. pseudocristata* var. *oregana*
Domin.

= *K. cristata* Man. U. S.

Koeleria ovata Rasp. Ann. So. Nat. Ser. I. 5: 447. 1825.

"(Bromus, Cav.)" Not in Domin

Koeleria pallida Wallr. Beitr. Fl. Heroy. 173;
Linnæa 141. 543. 1840.

Type locality: "An den Gypsanhöhen des südlichen Harzes."
[Germany]

Koeleria panicea (Lam.) Domin, Bibl. Bot. 65: 292. 1907.

Based on *Avena panicea* Lam.
Istria, Europe

Koeleria panicea var. *brachymera* (Coss.) Domin, Bibl.
Bot. 65: 293. 1907.

Based on *Trisetum paniceum* var. *brachymerum* Coss.
ex Batt. & Trab.

Algeria

Koeleria panicea var. *brevisetata* (Coss.) Domin, Bibl.
Bot. 65: 293. 1907.

Based on *Trisetum panicum* [panicum (Pers.)] var.
brevisetum Coss. ex Batt. & Trab.

Algeria

Koeleria panicea var. *ciliata* (Willk.) Domin, Bibl.
Bot. 65: 293. 1907.

Based on *Trisetum neglectum* var. *ciliatum* Willk. in
Willk et Lange.

Spain

Koeleria panicea var. *includens* Domin, Bibl. Bot.
65: 293. pl. 21. f. 11. 1907.

"Ins. Canarienses: Ténériffe, lg. Perandière 1855,
1500 m (H.J.P.)."

H.J.P. = Herb. Gard. St. Petersburg.

Koeleria panicea var. *laxa* Domin, Bibl. Bot. 65: 293.
1907.

"Passim (a. e. in Pyrenæis pr. Gerona, Bubani,
H.U.B.)."

"H.U.B." = Herb. Bot. Inst. boh. Univ. Prag.

Koeleria panicea var. *typica* Domin, Bibl. Bot.
65: 292. pl. 22. f. 1, pl. 21. f. 10. 1907.
place given for figures (p. 335) is Italy

"Pyrenæis pr. Gerona, Bubani, H.U.B."

[Herb. Bot. Inst. boh. Univ. Prag.]

Koeleria paniculata Nutt. Gen. 2: Add. 2. 1818.

"Hab. Collected in East Florida by my friend Mr.
T. Say."

= *Sphenopholis obtusata* Man. U. S.

Koeleria paradoxa Steud. Syn. Fl. Glum. 1: 294. 1854.

Based on *Lophochloa paradoxa* Scheele

= *K. phleoides* (Vill.) Pers. fide Domin
Istria, Europe

Koeleria pareisiana Presl, Bot. Bemerk. in Abh. Böhm.
Ges. Wiss. V. Folge, Bd. 3. 120. 1844, nom. nud.
from Domin, Bibl. Bot. 65: 74. 1907.

referred to *K. Degeni* Domin by Domin l.o.
Europe

Koeleria parviflora Link, Enum. Hort. Berol. 1: 83.
1821.

Based on *Avena parviflora* Desfont.

= *Trisetum parviflorum*
Europe

Koeleria parviflora Bertol. ex Schult. Mant. 2: 344.
1824.

"Obs. *Koeleria cristata* a clo Bertoloni sic reformatur: *Koeleria parviflora* Bertol. [brief description]

"*Aira cristata* Linn. Spec. p.94----"
apparently included in *K. cristata* (L.) Pers.

"In omni Europa"

Koeleria pectinata (Lam.) Shinnars, Rhodora 58: 95. 1956

Based on *Poa pectinata* Lam.
Source unknown

Koeleria pennsylvanica DC. Cat. Hort. Monsp. 117. 1813.

Based on *Aira pennsylvanica* Spreng.

= *Sphenopholis nitida* (Bieler) Scribn.
Pennsylvania Man. U. S.

Koeleria ? pennsylvanica var. *major* Torr. Fl. N. Y.
2: 469. 1843.

Based on *Koeleria truncata* major Torr.

= *Sphenopholis intermedia* (Rydb.) Rydb.
Man. U. S.

Koeleria permollis Steud. Syn. Fl. Glum. 1: 293. 1854;
Doell in Mart. Fl. Bras. 2: 125. 1878.

"Bahia"

Koeleria peruviana Beauv. ex Steud. Nom. Bot. Ed. I.
457, 637. 1821, as syn. *Poa peruviana* Jacq.

= *Eragrostis peruviana*
Peru

Koeleria phleoides (Vill.) Pers. Syn. Fl. 1: 97. 1805.

Based on *Festuca phleoides* Villars."
France

Koeleria phleoides var. *amblyantha* Boiss. Diagn. pl.
or. II. 4: 134. 1859.

"Hab. ad Beyrouth ol. Blanche, prope Saida ol.
Gaillardot."

Palestine

Koeleria phleoides var. *anomala* Batt. & Trab. Fl.

Alger. 2: (Monocot.) 193. 1895.

"Alger."

Koeleria phleoides var. *azorensis* Domin, Bibl. Bot.

65: 268. pl. 18. f. 3. 1907.

"Habitat in insulis Azoricis: Island of St. Michaels
lg. Thomas Carew Hunt 1845 (H. H.) No. 292."

H. H. = Herb. des Bot. Mus. Kjobenhavn

Koeleria phleoides ssp. *Berythea* Bormm. Beihefte Botan.

Centralbl. 31: 272. 1914.

"*Koeleria Berythea* Boiss et Blanche"

Syria

Koeleria phleoides ssp. *Berythea* var. *biseta* (Steudel)

Domin ex Bormm. Beihefte Botan. Centralbl.

31: 272. 1914.

Presumably based on *Koeleria biseta* Steud.

Syria

Koeleria phleoides ssp. *Berythea* var. *postiana* Domin;

ex Bormm. Beihefte Botan. Centralbl. 31: 272. 1914.

"*K. phleoides* var. *longearistata* Post."

Syria

Koeleria phleoides var. *brachystachya* (Dc.) Kuntze,

Act. Hort. Petrop. 10: 252. 1887.

"(sp. DC.)" only cited.

Based on *Koeleria brachystachya* DC.

hort. bot. Montpellier

Europe - Asia

Koeleria phleoides var. *brachystachya* Aschers. &

Graebn. Syn. Mitteleur. Fl. 2: 367. 1900; Lief.

26: 53. 1903.

(Same var. made by Domin, Bibl. Bot. 65: 267. pl. 18
f. 4,5. 1907) see Kuntze 1887.

Based on *K. brachystachya* DC.

Montpellier, France

Koeleria phleoides var. *condensata* Boiss. Diagn. pl.

or. II. 4: 134. 1859.

"Hab. propè Beyrouth ol. Blanche, propè Saïda et
in Libano ol. Gaillardot."

Palestine

Koeleria phleoides var. *fallax* Domin, Bibl. Bot.

65: 265. 1907.

"Habitat in regno Marocano: prope Tetuan, ad ostium
fluminis Ibu Hanesh, lg. Junio 1851 J. Ball. (H.B.)"

H.B. = Herb. Bot. Mus. Berlin

Koeleria phleoides var. *glabra* Marches. Fl. Trieste

630. 1896.

Trieste, Italy

Koeleria phleoides var. *glabriflora* Trautv. Act. Hort.

Petrop. 7: 526. 1881.

"Prope Lenkoran (Radde)."

Transcaucasia

Koeleria phleoides ^{var.} *grandiflora* Boiss. Fl. Orient.

5: 573. 1884.

"Hab. in Syria littorali circa Berythum et Sidonem
(Bl!), Aleppo (Hausk!)"

Koeleria phleoides var. *hypathera* Domin, Bibl. Bot.

65: 265. pl. 18. f. 2. 1907.

"Algeria: pr. Biskra (B. Balansa 1853, H. div.)
No. 7."

[Biskra specimen figured]

Koeleria phleoides var. *integrata* Merino, Fl. Desor.

Illustr. Galicia 3: 321. 1909.

"(Herbar. num. 1.950)"... "La variedad cerca del
Cereza y Becerreá, Lugo."

Spain

Koeleria phleoides var. *laxa* Aschers. & Schweinf.

Mém. Institut Égypt II, 172. [in pt. fide Domin 258,
p. 265] see Rohlena 1902.

Koeleria phleoides var. *laxa* Aschers. & Schweinf. ex

Rohlena, Sitzungs. Böhm. Gesells. Wissen. Math.-Phys.

Cl. 1902. pt. 39: 27. 1902.

Montenegro "Ulcinj, Rijeka et Podgorica."

Koeleria phleoides var. *longe-aristata* Post, Fl. Syria,

Palestine & Sinai 877. [1896]

"Beirut; Lebanon."

Koeleria phleoides var. *luxurians* Mut. Fl. Fr. 4: 84,

t. 84. f. 602. 1837.

"bords du Drac à Grenoble (Mut.)."

[France]

Koeleria phleoides var. *macrantha* Domin, Bibl. Bot.

65: 268. 1907.

"Habitat in Tunetia (Sfaw, lg. Colonel Ducouret 1856,
H.J.P.)."

H.J.P. = Herb. Bot. Gard. St. Petersburg.

Tunis, Africa

Koeleria phleoides var. *maritima* Léveill. & Van. ex

Douin in Borm. Fl. Compl. 12: 21. 1927-32.

see Domin, Bibl. Bot. 65: 259. 1907.

Département du Var.

France

Koeleria phleoides f. *maritima* (Léveillé) Domin, Bibl.

Bot. 65: 259. 1907.

Based on *K. phleoides* var. *maritima* Léveillé

France

Koeleria phleoides var. *minor* Mattei, Boll. Orto Bot.

Giard. Palermo 9: 63. 1910.

"Hamasen: Asmara (Senn. n. 787)." [Fl. Erythraeae
annis 1905-07]

Eritrea, Africa

Koeleria phleoides var. *minor* Zimm. Ber. Bayer. Bot.

Ges. 14: 73. 1914, without description.

Not Mattei 1910.

"Im Hafen von Ludwigshafen. Sept. 1912. Eine kleine
Kolonie. Heimat: Südeuropa"

Koeleria phleoides var. *multiaristata* Rohlena,

Sitzungs. Böhm. Gesell. Wissensch. Math.-Nat. Cl.

1902 pt. 39: 27. 1902.

"Montenegro- ad Rijeka et Bar."

Koeleria phleoides var. *nitens* Domin, Bibl. Bot.

65: 269. 1907.

K. nitens Gaudin, Herb. cited.

"Habitat in Sicilia et teste Gaudin in Calabria."
"Sicilia: (Hb. Zeyheri in H. Ledebour, H. J. P.,
Gaudin pro *K. nitens* Gaud.)"

Koeleria phleoides var. *obtusiflora* (Boiss.) Boiss.

Fl. Orient. 5: 573. 1884.

Based on "*K. obtusiflora* Boiss."

"Orient"

Koeleria phleoides ssp. *obtusiflora* var. *amblyantha*

(Boiss.) Domin ex Bormm. Beihefte Botan. Centralbl.

31: 272. 1914.

"*K. phleoides* var. *condensata* Boiss." cited.

Orient [Domin 273]

Orient

Koeleria phleoides ssp. *obtusiflora* var. *condensata*

(Boiss.) Domin ex Bormm. Beihefte Botan. Centralbl.

31: 272. 1914.

"*K. phleoides* var. *condensata* Boiss."

"Kypras - Syria" in Domin.

Koeleria phleoides var. *Paniaguae* Senn. & Maurio. Cat.

Fl. Rif. Or. 130. [1933], nom. nud.

"Hidum; Mazuza; Segangan; Uixan; Tauima; Zaio; Monte
Arruit; Tistutin."

Morocco. Africa

Koeleria phleoides var. *parviflora* Willkomm. ex

Willkomm. & Lange, Prod. Fl. hisp. 1: 75. 1861.

"in agris c. Barcinonem Desm.!"

Spain

Koeleria phleoides var. *persica* Domin, Bibl. Bot.

65: 269. 1907.

"Persia: ad Agda, ...lg. J. Bornmüller 1892 (H.
Born.) No. 4936."

Koeleria phleoides var. *persica* f. *transiens* Domin,

Bibl. Bot. 65: 269. 1907.

"Habitat in Persia."

"Exsiccatae: J. Bornmüller, Iter Persico-turcicum
1892-93 No. 4937 *K. phleoides*.
"Persia austro-orientalis: prov. Kerman: pr. Kerman
lg. Bornmüller 1892 (H. div.)."

Koeleria phleoides var. *polyantha* Domin, Bibl. Bot.

65: 268. 1907.

"Habitat in Lusitania (H.H.) et in Sicilia austr.
pr. Siracusa (lg. ? 1820 sub nomine *K. phleoidis*
var. *multiflora* H. U. G.)."

H. H. = Herb. Bot. Mus. Kjobenhavn

H. U. G. = Herb. Bot. Inst. Deutsch. Univ. Prag

Portugal etc.

Koeleria phleoides var. *pseudobulbata* Degen & Domin,

Magyar Bot. Lapok 3: 335. 1904.

"Fiume (leg. Á. v. Degen 1902)"

Austria Hungary

Koeleria phleoides var. *pseudolobulata* subv. *abyssinica*
Domin, Bibl. Bot. 65: 266. 1907.

[Domin does not put subvar. under var. in his index]

"Colonia Eritrea: Vallée Mogod, alt. 1400 m, lg.
Schweinfurth et Riva (H. div.) No. 1587.

Africa

Koeleria phleoides var. *pumila* Griseb. in Ledeb. Fl.
ross. 4: 403. 1853.

"Hab. in Aethiopia: (Nordm.)."

U.S.S.R.

Koeleria phleoides var. *pumila* (Ledeb.) Domin, Bibl.
Bot. 65: 267. 1907.

On p. 352 (index) Domin questions (?Ledeb.)

See Griseb. in Ledeb. (same name)

Based on *K. phleoides* var. *pumila* Ledeb. p.p.

[other part not accounted for].

U.S.S.R.

Koeleria phleoides var. *robusta* Borbas in Hiro. Fl.
ok. Bakarske 134. 1884; typica subvar. *robusta*
Domin, Bibl. Bot. 65: 258. 1907.

Europe

Koeleria phleoides var. *subcapitata* Kuntze, Act. Hort.
Petrop. 10: 252. 1887; same Domin "in sched. herb.
div." Bibl. Bot. 65: 268. pl. 19. f. 5. 1907, as
syn. of *K. phleoides* var. *pumila* Ledeb.

Rossica - orientalis

Koeleria phleoides var. *subcapitata* f. *hackeliana*
Kuntze, Rev. Gen. Fl. 2: 778. 1891.

"Santa Cruz de Palma." Teneriffe

Africa

Koeleria phleoides var. *submutica* Ball, Journ. Linn.
Soc. 16: 723. 1878.

"Mar. merid Legi prope Ansmiz!"

[Marocco, Africa]

Koeleria phleoides var. *submutica* subvar. *anomala*
(Trab.) Maire & Weiller, Fl. Afr. Nord 2: 331. 1953.

Based on "*K. phleoides* f. *anomala* Trab."

Africa

Koeleria phleoides var. *submutica* subv. *balliana*
Maire & Weiller, Fl. Afr. Nord 2: 330. 1953.

"*Koeleria phleoides* var. *submutica* Ball, sensu
stricto"

Marocco

Koeleria phleoides var. *submutica* subv. *glabra*
Maire & Weiller, Fl. Afr. Nord 2: 331. 1953.

Koeleria phleoides var. *thrichantha* Nábělek, Publ.
Fac. Sci. Univ. Masaryk (Brno) No. 111: 14, pl. 4.
f. 3: text f. 4. 1929.

"Crescit in Persia austro-occid. (Susiana): in
steppis ad terram sabulosam ad flum. Čekāb inter
ruinas Susorum et Deilerūm (Deh-i-Loran), 24. III.
1910 (No. 3241) et in monticulis Kuh Bejšt (Gebel
Hamrin) Deilerūm et oppidum Anara ad Tigridem, 27.
III. 1910 (No. 3305)." [Nábělek, Coll.]

Koeleria phleoides var. *typica* Domin, Bibl. Bot.
65: 257. 1907.

"*K. phleoides* Pers. et auct. sensu stricto." cited

France

Koeleria phleoides var. *typica* subv. *gemina* Domin,
Bibl. Bot. 65: 258. pl. 19. f. 1; pl. 18. f. 1.
1907.

[Domin disregards var. *typica* in his index]

France

Koeleria phleoides var. *typica* subv. *glabriflora*
(Trautv.) Domin, Bibl. Bot. 65: 258. 1907.

[Domin disregards var. *typica* in his index]

Based on *K. phleoides* var. *glabriflora* Trautv.

Transcaucasia

Koeleria phleoides var. *typica* subv. *longistachya*
(Terrac.) Domin, Bibl. Bot. 65: 258. 1907.

[Domin disregards var. *typica* in his index]

K. phleoides f. *longistachya* Terracciano sched.
cited.

Italy

Koeleria phleoides var. *typica* f. *luxurians* Domin,
Bibl. Bot. 65: 263. 1907.

"In Aegypto (Bamlé) lg. Letourneux 1877 (H.J.P.)"

H.J.P. = Herb. Jard. St. Petersburg.

Koeleria phleoides var. *typica* subv. *parviflora*
(Willkomm.) Domin, Bibl. Bot. 65: 259. 1907.

[Domin disregards var. *typica* in his index]

Based on *K. phleoides* var. *parviflora* Willkomm.

Spain

Koeleria phleoides var. *typica* subv. *robusta* (Borbas)
Domin, Bibl. Bot. 65: 258. 1907.

Domin disregards var. *typica* in his index]

Based on *K. phleoides* var. *robusta* Borbas.

Europe

Koeleria phleoides var. *valdepilosa* Haack. Magyar Bot.
Lapok. 3: 337. 1904.

"E. Hackel in El Reverchon: Plantes de l'Andalousie
1887 nr. 103."

Ssp. *Salzmanni* var. *valdepilosa* (Haack.) Maire &
Weiller, Fl. Afr. Nord 2: 339. 1953.

Spain

Koeleria phleoides var. *vestita* Domin et Bornm. Bihefte
Botan. Centralbl. 31: 271. t. 2. f. 17. 1914.

"Beirut, bei Ras Beirut, auf Triften gegenüber den
Taubengrotten (8. V. 1910 legi; nr. 12949)."

Syria

Koeleria phleoides var. *vivipara* Trautv. Act. Hort.
Petrop. 7: 526. 1881.

"Prope Lenkoran (Radde)."

Transcaucasia

Koeleria phleoides f. *vivipara* (Trautv.) Domin, Bibl.
Bot. 65: 260. pl. 1. f. 8. 1907.

Based on *K. phleoides* var. *vivipara* Trautv.

U.S.S.R.

Koeleria phleoides var. *viridis* C. Koch in Linnaea
21: 396. 1848.

"Ebenfalls von Rögnér aus der Krim erhalten."

Crimea, U.S.S.R.

Koeleria poaeformis Domin, Bibl. Bot. 65: 171. pl. 10.
f. 6, 7. 1907.

Borodin 11, VII. 1902. (Acad. Sci. St. P.)

Siberia or. Prov. et distr. Irkutsk: Tumkynskij....
Ouzir

A.S.P. = Herb. Acad. St. Petersburg.

Koeleria poaeformis Nees ex Steud. Syn. Fl. Glum.
1: 295. 1854.

"Cuming in Andibus Chile

[Poa sp. fide Domin]

Koeleria pohleana (Domin) Gontsch. in Komarov, Fl.
U.R.S.S. 2: 323. pl. 25. f. 1a, b. 1934.

Based on *K. glauca* var. *Pohleana* Domin

"insula Kolgufew, ---R. Pohle."

Arctic European Russia

Koeleria polonica Domin, in Magyar Bot. Lapok. 3: 186.
1904.

Based on "*K. cristata* var. *ciliata* Woloszewsk Fl.
polonica exs. 894 und 894a non Kern!"

Europe

= *K. grandis* (Besser) Domin, Bibl. Bot. 65: 243.
1907.

Koeleria polyantha Domin, Bibl. Bot. 65: 174, 225.
1907.

"Adhuc mihi ex Europa austro-orientali, Asia centra-
li et orientali atque California innotuerat."

[See vars.]

Koeleria polyantha var. *californiensis* Domin, Bibl.
Bot. 65: 226. 1907.

"Exsiccatas: Plants of the San Jacinto Mountains,
Southern California, coll. by H. M. Hall No. 2131
(1901)"

= *K. cristata* Man. U. S.

Koeleria polyantha var. *himalayensis* Domin, Bibl. Bot.
65: 225. 1907.

"Habitat in Himalaya: lg. Lady Dalhousie (H.K.)"

H.K. = Herb. Kew Royal Gardens

Koeleria polyantha var. *Korshinskyi* Domin, Bibl. Bot.
65: 226. pl. 13. f. 16. 1907.

"Amur: poselok Voskresenski (litus fl. Amur) lg.
Korshinsky 1891 (H.J.P.)"

H.J.P. = Herb. Gard. St. Petersburg.

Asia or.

Koeleria polyantha var. *pubiglumis* Domin, Bibl. Bot.
65: 225. 1907.

"Habitat in Tauria: Jaila: Inter Sartana et Tama lg.
N. A. Busch 1905 (H.J.P.)"

H.J.P. = Herb. Gard. St. Petersburg.

Russia. Eur.

Koeleria polyantha var. *transsilvanica* Domin, Bibl.
Bot. 65: 225. 1907.

"Habitat Transsilvania: in collibus apricis ad
Langental, lg. J. Barth 1877 (H. Haack.)."

Rumania. Eur.

Koeleria Pontarlieri Domin, Bibl. Bot. 65: 138. pl. 9.
f. 7, 8. 1907.

"Callia: Dept. Vendée: in rupibus maritimis ad Sion
près St. Gilles lg. Ch. Pontarlier 28. VI. 1883
(H.F.Z.)"

H.F.Z. = Herb. Bot. Mus. Polytech. Zurich

Koeleria pseudoaristata Domin, Allg. Bot. Zeitschr.
9: 42, 80. 1903.

"Sie ist besonders in der Umgebung Prag's sehr häufig, so z. B. auf den sonnigen Abhängen oberhalb Moldau bei Troja (Velenovský)... in der Gegend bei Hlubětín (sehr typisch, leg. JU Dr. Otto Gintl)."

Czechoslovakia

Koeleria pseudoaristata Domin, Viertel. Naturf. Ges.
Zürich 51: 200. 1906.

Sbsp. *K. gracilis*

Switzerland "Kt. Zürich (Herb. Bertschinger, 1887)"

Koeleria pseudoaristata var. *andicola* Domin, Repert.
Sp. Nov. Fedde 2: 94. 1906.

"Exsicc.: G. Mandon: Plantae Andium Bolivien-
no. 1359 (1858).
Habitat in Bolivia: Andes. Prov. Lareja--...
Leg. Mandon VII. 1858 (H. Kew)."

Bolivia

Koeleria pseudoaristata var. *californica* Domin,
Magyar Bot. Lapok 3: 264. 1904.

"aus Californien, von C. G. Fringle im J. 1882 bei
"Hills, San Diego"

= *K. aristata* Man. U. S.

Koeleria pseudoaristata f. *densevestita* Domin, Bibl.
Bot. 65: 223. 1907.

Cites "*K. aristata* var. *pubescens* Vasey, Exsicc.
1901, as syn."

"Exsiccatae: Plants of the San Jacinto Mountains,
Southern California, coll. by H. M. Hall No. 2206...
Southern California: San Jacinto Mountains: in
open pine forests in the vicinity
of Strawberry Valley....lg.
H. M. Hall 1901."

= *K. aristata* Man. U. S.

Koeleria pseudoaristata f. *glabra* Domin, Bibl. Bot.
65: 223. 1907.

"Bohemia: stationibus paucis in Boh. centrali et
septentrionali ipse legi! (f. *glabra* et *pubescens*)
Banatus: Vetus Orsova (Borbas 1874, f. *glabra*).
U.S.A.: Wyoming: Laramie (Nelson 1900, f. *glabra*).
California: lg. Parish (f. *glabra*)."

Not in Man. U.S.

Koeleria pseudoaristata f. *laxa* Domin, Bibl. Bot.
65: 223. 1907.

Exsiccatae: California: Santa Clara Co.: west of Los
Gatos, lg. A. Heller No. 7443 1904.
H.J.P.

H.J.P. = Herb. Bot. Gard. St. Petersburg.

= *K. aristata* Man. U. S.

Koeleria pseudoaristata var. *longifolia* Domin, Bibl.
Bot. 65: 224. 1907.

Cites "*K. longifolia* Nuttall, Herb."

"Habitat in California, lg. Nuttall sub. nom. *K.*
longifoliae Nuttall (N.H.M.)."

N.H.M. = Herb. Nat. Hist. Mus. London

= *K. aristata* Man. U. S.

Koeleria pseudoaristata var. *Nicholsoni* Domin, Bibl.
Bot. 65: 224. 1907.

"Habitat in Britannia: Surrey: Bank of Thames, Kew,
lg. Nicholson 1879 (H. Lu.)."

H. Lu. = Herb. Bot. Mus. Lund

England

Koeleria pseudoaristata var. *oregana* Domin, Bibl. Bot.
65: 224. 1907.

Cites *K. oregana* Nuttall, Herb.

"U.S.A.: Oregon lg. Nuttall sub nomine *K. oreganae*
(H.K., N.H.M.), lg. Howell 1881 (N.H.M., H. Hack.)."

H.K. = Herb. Kew (Royal Gardens)
N.H.M. = Herb. Nat. Hist. Mus. London
H. Hack. = Herb. Hack.

= *K. aristata* Man. U. S.

Koeleria pseudoaristata var. *pseudonitida* Domin, Bibl.
Bot. 65: 224. 1907.

"U.S.A.: Wyoming: Laramie lg. E. Nelson 1900
(H. Hack.)."

"Exsiccatae: U. S. Dept. Agr. Div. Agrost. No. 273
K. aristata (1900)."

= *K. aristata* Man. U. S.

Koeleria pseudoaristata f. *pubescens* Domin, Bibl. Bot.
65: 223. 1907.

Cites: *K. pseudoaristata* var. *Issleri* Domin as syn.

"Bohemia: stationibus paucis in Boh. centrali et
septentrionali ipse legi! (f. *glabra* et *pubescens*)."

Austr. infer.: in pratis siccis circa Wien (H. v.
Kováts, f. *pubescens*).

Canada: Lower Arrow Lake (J. Macoun 1890, f.
pubescens)

Koeleria pseudoglaucia Schur Enum. Pl. Transs. 749.
1866.

"Auf lockerem Sandboden an Flussufern bei Talmats,
Boiga; auf sandiger Wiese bei Szakadat."

= *K. gracilis* var. *latifolia* Domin in Bibl. Bot.
p. 198

Koeleria puberula Opiz, Semm. 56. 1852, without
description.

"One word in Magyar; book is a list only." Copied
from A.C.'s notes

Koeleria ? *pubescens* (Lam.) Beauv. Ess. Agrost. 85,
149, 166. 1812. "*Aira pubescens* L." cited (p. 85)
[none of L.]

"*Aira pubescens* Vahl. Vid. *Koeleria villosa*...84" in
index p. 149; "*Phalaris pubescens* Desf. [is none]
Vid. *Koeleria villosa*...84" in index p. 173; "*Koe-*
leria pubescens ?" in index p. 166. [In Miles *K.*
pubescens Beauv. is held as nom. nud. Domin uses
"*Koeleria pubescens* (Lam.) Beauv.;" so does Hubbard
in letter 24/XI/36. If that be accepted the basis
is: *Phalaris pubescens* Lam. 1783.
Aira pubescens Vahl 1794 [Vahl credits name to
Poir. but Poir. 1789 gives Lam. as author.]

Koeleria pubescens f. *aristulata* Domin, Bibl. Bot.
65: 280. 1907.

"Barior"

"Algeria: ...Djebel-el-Ouach pr. Constantine
(Choulette 1857, b partim *aristulata*) etc."

Koeleria pubescens ssp. *cossoniana* Domin, Mag. Bot.
Lap. 3: 331. 1904.

"Algeria prope Saida.....E. Cosson (H. M. Cl.)."

Koeleria pubescens var. *Foley* Maire, Bull. Soc. Hist.
Nat. Afr. Nord 25: 323. 1934.

"Algerie: Sud-Oranais, entre Taguine et El-Goleïta
(Dr. H. Foley)."

Koeleria pubescens var. *longearistata* Coss. & Dur.
Expl. Sci. Alger. 2: 122. 1855."

"Hab. In apricis arenosis vel glareosis Algeriae
interioris. In planitiebus excoelsis prope Sfid!
supra Saida vulgaris (Balansa pl. Alger. exsicc.
n. 305 sub nomine *Trisetum pumilum* var. *koelerioi-*
deum). Prope Biskra! (Jamin, Balansa pl. Alger.
exsicc. n. 732)."

*Acc. to Stearn's study. See Date cards.

Koeleria pubescens var. *longiflora* (Domin) Maire &
Weill. ex Cuénod, Fl. Tunisie III. 1954.

Based on *K. pubescens* f. *longiflora* Domin Bibl.
Bot. 65: 281. 1907, that based on *K. Barrelieri*
Batt. & Trab., Fl. Algérie Monoc. 194. 1895.
Not Tenore nor Guss.

[Algeria---(Boissier & Reuter 1849, f. *longiflora*)]

Koeleria pubescens var. *longiglumis* (Trabut) Domin,
Bibl. Bot. 65: 282. 1907.

Based on *K. longiglumis* Traut

"Constantine et Tunisie"

Koeleria pubescens f. *mucomata* (Traut) Domin, Bibl.
Bot. 65: 280. 1907.

Based on *K. mucomata* Traut

Koeleria pubescens f. *parviflora* Domin, Bibl. Bot.
65: 281. 1907.

"Haud rara"

"Italia:...ditio Neapolitana: Fr. Ischio lg. Tenore
ut *Phalaris Barrelieri* (Hb. Schrader, a, uniflora,
parviflora)..."

Koeleria pubescens f. *pinguis* Domin, Bibl. Bot.
65: 281. 1907.

"Tunetia: Ile de Chien (Barratte 1888, a, forma
pinguis, partim forma *mucomata*)...Sardinia: Santa
Teresa Gallura, par Tempio (Reverchon 1881, forma
pinguis...Corsica: Porto (Reverchon 1885, a, forma
pinguis)...Italia:...Etruria:...San Giuseppe pr
Massa-Carrara (Levier 1873, a-b, Groves 1874, f.
pinguis)..."

Koeleria pubescens f. *pumila* Domin, Bibl. Bot.
65: 281. 1907.

Cites: "*K. villosa* var. *cinerea* DC. (ubi?)"

"Rara (Ins. St. Lucia lg. Russel (?) 1839, H. div.
sub nom. *K. villosa* β *cinerea* DC.)"

British West Indies

Koeleria pubescens ssp. *salzmanni* (Boiss. & Reut.)
Traut, Bot. Soc. France 34: 394. 1888?

Based on *K. Salzmanni* Boiss. & Reut.

Koeleria pubescens var. *salzmanni* (Boiss. & Reut.)
Hochreut. Ann. Conserv. Jard. Bot. Gembve 7-8: 119.
1904.

Based on *K. Salzmanni* Boiss. & Reut.

Koeleria pubescens var. *schismoides* Trab. Bull. Soc.
Bot. France 32 (ser. 2) 7: 396. 1885.

"Biskra (Dr. Ferroud) Algeria"

Koeleria pubescens f. *submutica* Domin, Bibl. Bot.
65: 280. 1907.

Gallia: Dept. Var. ...pr. Toulon (Houet, a, sub-
mutica et *aristulata*, etc.)

France

Koeleria pubescens var. *tripolitana* Domin in Pampanini,
Bull. Soc. Bot. Ital. 1914: 12. 1914.

[Pianta Tripolitana Settentrionale. R. Pampanini
title] (n. 3464).

N. Africa

Koeleria pubescens var. *typica* Domin, Bibl. Bot.
65: 279. pl. 19. f. 6. 1907.

pl. 19 is from Italy (see p. 334)

K. pubescens var. *vulgaris* Coss. cited as synonym

Koeleria pubescens var. *typica* subv. *demidata* Domin,
Bibl. Bot. 65: 280. 1907.

"Barissima: Algeria: Djebel-el-Ouach pr. Constantine
lg. Choulette 1857 (N.H.M.)."

N.H.M. = Herb. Nat. Hist. Mus. London

Koeleria pubescens var. *typica* subv. *subacuminata*
Domin, Bibl. Bot. 65: 280. pl. 19. f. 8. 1907.
said to be figured from Italian specimen
K. discolor Guss. cited as syn.

Koeleria pubescens var. *typica* subv. *subobtusata* Domin,
Bibl. Bot. 65: 280. pl. 19. f. 7, 9. 1907.
"figure said to be from Sudfrankreich"
K. intermedia Guss. cited as syn.
K. Barrelieri Guss. " " "

Koeleria pubescens var. *uniflora* Trab. Bull. Soc. Bot.
France 32 (ser. 2) 7: 396. 1885.

"Biskra (Dr. Perroud)"
Algeria

Koeleria pubescens f. *uniflora* Domin, Bibl. Bot.
65: 280. 1907. Not Trab. 1885.
"Haud frequens.--Vidi specimina Tenoreana plura!"

Phalaris Barrelieri Tenore l.c. cited
Koeleria maritima Tenore, Herb.
"Sardinia: Santa Teresa Gallura, par Tempio (Bever-
ohon 1881...partim f. *uniflora* ...[first cited]...
Italia...ditio Neapolitana: pr. Ischio lg. Tenore..."

Koeleria pubescens ssp. *villosa* var. *longiflora* (Domin)
Maire & Weill. ex Cuénod, Fl. Tunisie III. 1954.

Algérie, Italie continentale, Sicile.

"= ssp. *barrelieri* Trab."

Koeleria pubescens ssp. *villosa* var. *uniflora* Trab.
Bol. Soc. Bot. France 32: 396. 1885.

Koeleria pubescens var. *vulgaris* Coss. & Dur. Expl.
Sci. Alger. 2: 122. 1855.*

"La Calle! (Bové). Bône! Constantine! Melila! Ad
ruinas urbis Tamugadae! Mostaganem! (Balansa pl.
Alger. exsicc. n. 61). Oran!"
* Acc. to Stearn. See Date cards]

Koeleria pubescens var. *webbiana* Dur. & Schinz, Consép.
Fl. Afr. 5: 894. 1894.

Based on "*K. webbiana* Parl."
Italy

Koeleria pulchella (Kunth) Spreng. Syst. Veg. 1: 332.
1825.

Based on (*Triodia pulchella* Kunth.)"--H.B.K.
= *Tridens pulchella* Man. U. S.
N. Amer.

Koeleria pumila (Desf.) Domin, in Fedde, Rep. Sp. Nov.
2: 31. 1906.

Based on *Avena pumila* Desf.
[Western Mediterranean region]

Koeleria pumila var. *glabrescens* V. Taakh. in V. & G.
Taakh. Egypt. Univ. Faculty Sci. Bull. No. 17: 319.
1941.

"Mp. = Eastern Mediterranean coast region (p. stands
for Pelusiac - Tanitic branches of the Nile)."
"Mp. El'Arish (T.)."

Koeleria pungens Spreng. Fugill 2: 20. 1815.

Based on "*Dactylis pungens* Schreb.".....
= *Echinaria capitata* fide Domin p. 296.

Koeleria ? *pyramidata* Beauv. Ess. Agrost. 84, 1663, 175
1812. See Domin 1905.

Based on "*Poa pyramidata* (Linn.) Lam."
p. 166 "*pyramidata* ?"
p. 175 "*pyramidata* Lam. vid. *Koeleria*"
[There is no *Poa pyramidata* Linn.
Cult. bot. gard. France

Koeleria pyramidata (Lam.) Domin, Magyar Bot. Lapok
4: 334. 1905. see Beauv. 1812.

Based on *Poa pyramidata* Lam.
Cult. bot. gard. France

Koeleria pyramidata var. *arenicola* Podpěra, Květena
Moravy 6: 267. 1926; Act. Soc. Sci. Nat. Morav.
2: 537. 1926.

"Hodonín: písčiny u Mutěnic (1922)!!"
Czechoslovakia

Koeleria pyramidata f. *aristulata* Domin, Bibl. Bot.
65: 145. 1907.
"Bara"

"Styria: in glareosis rivulorum pr. Turraach, 1300 m.
(Hackel 1880, f. *aristulata*)!"
Austria

Koeleria pyramidata var. *brachyphylla* Domin, Bibl. Bot.
65: 148. 1907.

"*K. ciliata* var. *brachyphylla* Domin in sched. herb.
Haussknecht." cited.

"Germania: Thüringen: inter Leuchtenburg et Dahlen-
stein lg. Haussknecht 1893 (H. Hack.)."

Koeleria pyramidata var. *canescens* Vis. ex Cufodont.
Ann. Naturhist. Hofmus. Wien 43: 226. 1929.

"[Festland] Biograd [Zaraveochia Dalmatia] in 1928
[Cufodontis Coll.?]"]

Koeleria pyramidata var. *ciliata* (Kern.) Domin, Bibl.
Bot. 65: 147. pl. 10. f. 3. 1907.

Based on *K. ciliata* Kern.sensu str.
Switzerland

var.
Koeleria pyramidata *ciliata* * *angustifrons* Podpěra,
Květena Moravy 6: 266. 1926; Act. Soc. Sci. Nat.
Morav. 2: 536. 1926. Description in Czechoslov.

"Uh. Brod, Běnov: ...nad Ondřejovem ... (Staněk)!"
Czechoslovakia

Koeleria pyramidata f. *colorata* Domin, Bibl. Bot.
65: 145. 1907.

"Haud frequens" No specimen cited
Europe

Koeleria pyramidata var. *danica* Domin, Botan. Tidsskrift
Köbenhavn. 27: 223. 1906.

(*K. ciliata* Kern. var. *danica* Domin in sched. herb.
Haum.)

first specimen cited: Drejer 1837.

Jutlandia: Skovbakken, Blegkilde etc. pr. Aalborg.
Denmark Europe

Koeleria pyramidata var. *Engleri* Domin, Bibl. Bot.
65: 149. 1907.

"*K. cristata* var. *montana* Engler, Herb. 1863." cited.
"Habitat in Germania: Schlesien: Lehmberg bei Streh-
len, c. 35 km. südlich von Breslau, lg. A. Engler
1863 (H. B.)."
H.B. = Herb. Bot. Mus. Berlin

Koeleria pyramidata var. *glaberrima* Domin, Bibl. Bot.
65: 148. 1907.

Cited as synonyms: *K. elatior* Beverohon, Exsicc. 1870.
K. cristata var. *major* Beverohon,
Exsicc. 1886, cf. Domin, Mag.
Bot. Lap. 3: 255. 1904.

"Habitat in Gallia austr., Italia septentrion."

Koeleria pyramidata f. *hirsuta* Domin, Bibl. Bot.
65: 145. 1907.
"Barior"

"Austria infer.: St. Pölten: Frater (Hackel 1875, f.
hirsuta! partim ad var. *pubesc.* vergens): Wiesen bei
Spratzern (idem 1875) Bergwiesen des Bisamberges
(v. Beck, f. typ. et *hirsuta*), ..."

Koeleria pyramidata var. *hirsuta* subv. *Freynii* Podpěra,
Květena Moravy 6: 268. 1926; Act. Soc. Sci. Nat.
Morav. 2: 538. 1926. Desor. Czechoslovakia.

"Mikulov. ...Pavlovských hor u Kletenice ... (Freyn
1880)."
Czechoslovakia

Koeleria pyramidata f. *humilis* (Domin) Domin, Bibl.
Bot. 65: 145. 1907.

Based on "*K. ciliata* forma (an var.?) *humilis* Domin,
Mag. Bot. Lap. III. 255 (1904)."

Bohemia, Vallesia

Koeleria pyramidata var. *lanuginosa* Podpěra, Květena
Moravy 6: 266. 1926; Act. Soc. Sci. Nat. Morav.
2: 536. 1926. Desor. Czechoslovakia

K. pyr. 3. lanug. * *transiens* l.c. Brno: ...nad
Nebovidami !!

"Hodonín: na písčinech u Mutěnic (1923, Suza)!"
Czechoslovakia

Koeleria pyramidata var. *laxa* Domin, Bibl. Bot.
65: 152. 1907.

"*K. cristata* var. *sylvatica* Schur Herb." cited.

Cites 3 specimens:
"Vallesia: Flora Genevensis: Bois de Freres lg.
J.C. Ducommun 1856 (H.L.) H. L. Herb. Bot.
Mus. Lausanne)
Austria infer.: Flora Vindobonensis: ...pr.
Neuwaldke lg. Schur pro *K. cristata* var.
sylvatica (H. Herv.) Herb. Joseph Heritier
(St. Etienne).
Bohemia: formae approximatae in nemoribus ad
Chuchle pr. Pragae, legi ipse 1900."
Silvarum incolae esse videtur, sed cum var. *typica*
subvar. *memorali* haud est identical

Koeleria pyramidata subv. *memoralis* (Celak) Domin,
Bibl. Bot. 65: 146. 1907.

Based on *K. cristata* var. *memoralis* Celak. ...p.p.
max.
"Celakovský rechnete zu seiner var. *memoralis* auch
eine Schattenform der *K. gracilis*."
"Exsiccatas: A. Callier, Flora silesiaca exsicc.
No. 527." cited.

Koeleria pyramidata f. *nitida* Domin, Bibl. Bot.
65: 145, 352. 1907. without description.

On p. 145 this is given in the Geographical distri-
bution as: "Thüringen und Harz: Gipf des alten
Stollberges (Haussknecht 1890, f. *nitida*!)"
Germany. On page 352 it is given in index.
Germany

Koeleria pyramidata var. *pergracilis* Domin in Heimerl,
Flora von Brixen 34. 1911; Fedde Rep. Sp. Nov. 11:
101. 1912.

"Flora von Brixen" An Gehänge bei Unterplaichen und
im Walde ober Klerant, ...1908 bei Punt (Neustift
gegenüber).
Bohemia

Koeleria pyramidata var. *pubescens* (Haum.) Domin, Bibl.
Bot. 65: 150. 1907.

Based on *K. cristata* var. *pubescens* Haum. bei Pacher
Europe

Koeleria pyramidata var. *rigidiuscula* (Domin) Domin,
Bibl. Bot. 65: 151. 1907.

Based on *K. ciliata* f. *rigidiuscula* Domin, Allg. Bot.
Zeitschr. 9: 24. 1903.
K. ciliata var. *rigidiuscula* Domin
Europe

Koeleria pyramidata var. *Sirjaevi* Podpéra, Květena
Moravy 6: 267. 1926; Act. Soc. Sci. Nat. Morav.
2: 537. 1926. Desor. Czechoslovakia

"Miroslav:....(1925)!!"
Czechoslovakia

Koeleria pyramidata var. *Skřivánekii* Podpéra, Květena
Moravy 6: 266. 1926; Act. Soc. Sci. Nat. Morav.
2: 536. 1926. Desor. Czechoslovakia

"*K. pyram.* 4. *Skřivánekii* * nitens Podp. l.o.
Sokolnic" cited.
"Brno:....Sokolnic....Podkladem...."
Czechoslovakia

Koeleria pyramidata var. *subquingeflora* Domin, Bibl.
Bot. 65: 153. 1907.

"Europa media (?Germania). Patria in schedula haud
est indicata. Mertens Herb. Gener. (H.J.P.)"
H.J.P. = Herb. Gard. St. Petersburg.

Koeleria pyramidata var. *typica* Domin, Bibl. Bot.
65: 144. pl. 10. f. 1, 2. 1907.

[The two specimens figures are from Bohemia and
Switzerland]
Cites synonyms "sensu str."

Koeleria pyramidata var. *villosa* (Bubak) Domin, Bibl.
Bot. 65: 149. 1907.

Based on "*K. cristata* var. *villosa* Bubak bei Čelak.
...ampl."

Europe

Koeleria pyramidata var. *villosa* f. *hirsuta* (Domin)
Domin, Bibl. Bot. 65: 149. 1907.

Based on *K. ciliata* var. *villosa* f. *hirsuta* Domin,
Allg. Bot. Zeitschr. 9: 24. 1903, ampl.

Germany

Koeleria pyramidata var. *villosa* f. *pubescens* Domin,
Bibl. Bot. 65: 150. 1907.

K. cristata var. *pubiculmis* Hack. bei Borb. ...sensu
str. [This same var. is cited under var. *villosa*
...ampl."] cited.

"Hungaria: Comit. Castriferrei: ad Borostyankú locis
pluribus, e. g. in monte Kienberg et in collibus
serpentinis pr. urbem (Borbás 1882, f. *pubescens*,
specim. origin. var. *pubiculmis*!)."

Koeleria pyramidata f. *vivipara* Domin, Bibl. Bot.
65: 145. 1907.

Cites: *K. cristata* var. *vivipara* Opiz nom. nud.
"Bora (Bohemia).--Vidi specimina Opiziana!"

Koeleria recurviflora Braun-Blanquet & Wilczek, Bull.
Soc. Hist. Nat. Afr. Nord 14: 221. 1923.

"Hab. in aridis prope Ben-Guerir Imperii Marocani
et in montibus "Djebilet" dictis, prope Bou-Arichra.
[Africa]

Koeleria Reuteri Rouy, Fl. France 14: 155. 1913.

"*K. brevifolia* Reut. non Spreng." cited.
France

Koeleria rigidula Steud. Syn. Fl. Glum. 1: 293. 1854.

"Hrb. Lechler nr. 239. In maritimis Chili."
Transferred to *Trisetum* by Domin 1907.

Koeleria rigidula Simonk in Termész. Füzet. 10: 184.
1886. et Enum. Fl. Transsilv. 570. 1886. Not
Steud. 1854.

Changed to *K. Simonkai* Adamov.
Transsilvania
= *K. splendens* var. *rigidula* (Simonk) Domin

Koeleria Robinsoniana Domin, Bibl. Bot. 65: 172. 1907.

Kirk Whited 9-VI-1899.
U.S.A. Washington: Wenatchee.
= *K. cristata* Man. U.S.
"No. 1131 U.S.D.A. Div. Agrost. 1899."
presumably no. for Whited collection.

Koeleria Robinsoniana var. *australis* Domin, Bibl. Bot.
65: 173. 1907.

Leckeny 29-V-1900. Presumably no. given for
Exsiccatas. Same date.
U.S.A. Oregon: Blalooks Man. U. S.
= *K. cristata*

Koeleria rochelii Schur, Oestr. Bot. Wochenbl. 321.
1857.

Based on "*Aira cristata* var. *daotyloides* Roch."
= *K. glauca*

Koeleria Rohlfsii (Asch.) Murb. Act. Univ. Lund. Arf. 2
36¹ 16. f. 5. pl. 13. f. 10-12. 1900.
[Same as Act. Reg. Soc. Physiogr. Lund 11: 1900]

"Ex: Aschers. Zweite Reise in d. lib. Wüste n. 622.
Tunisie meridionale: Gabès....au nord de l'embouchure
de l'Oued Gabès."

[Trisetum? Rohlfsii Asch. S. Bot. Ver. Brandenb.
21: 71. 1879--no. 622 cited]
No. Africa

Koeleria rolfssii var. *dolosa* Maire, Fl. Afr. Nord.
2: 334. 1953.

Sahara oriental

Koeleria rolfssii (Asch.) Murb. var. *rolfssii* Dubuis &
Faurel. Bull. Soc. Hist. Nat. Afr. Nord. 48: 481.
1957.

var. based on *K. rolfssii* var. *vera* Libya---
"var. *Rolfssii* (= var. *vera* M. et Wa.)"

Koeleria rolfssii var. *vera* Maire & Weiller, Flor. Afr.
Nord 2: 334. 1953.

"Type de l'espèce."
N. Afr.

Koeleria sabuletorum (Czern.) Domin, Bibl. Bot.
65: 65, 352. 1907.

Cites: "Czerniaew, Consp. plant. o. Charov. et in
Uoran. (1859) em."
"Habitat in sabulosis Rossiae australis (Uoraniae)."
"In sabulosis ad fl. Don (de Pays des Kosaques, H.B.).
In sabuletis ultra fl. Donetz lg. Czerniaew 1830 sub
nom. *K. glaucae*! Uorania (idem 1821 sub nom. *K. sabul-*
etorum, H.J.P.)."

H.B. = Herb. Bot. Mus. Berlin
H.J.P. = " Gart. St. Petersburg.

Koeleria salzmannii Boiss. Pugill 123. 1852.

"Hab. circa Tingidem. Salzmann."
Morocco, fide Domin

Koeleria Salzmanni var. *Cossoniana* (Domin) Domin, Bibl.
Bot. 65: 284. 1907.

Based on *K. Cossoniana* Domin
K. pubescens sp. Salzmanni var. *Cossoniana* (Domin)
Maire & Weiller. Fl. Afr. Nord 2: 339. 1953.

Koeleria salzmannii var. *cossoniana* f. *glabra* Pamp.
Arch. Bot. Forli 12: 19. 1936; Pamp. Arch. Bot.
(n.s.) 1: 19. 1936.

Cirenaica (Libya)

Koeleria salzmanni var. *cossoniana* f. *villosa* Pamp.
Arch. Bot. Forli 12: 20. 1936.

[Cirenaica] Libya.

Koeleria Salzmanni var. *longiflora* Domin in Pampanini
Bull. Soc. Bot. Ital. 1914: 12. 1914.

[Tripoli. Africa R. Pampanini] (N. 1877).

Koeleria Salzmanni var. *longiflora* subv. *aurata* Domin
in Pampanini, Bull. Soc. Bot. Ital. 1914: 12. 1914.

[Tripoli. Africa. R. Pampanini] (n. 1835, 4383).

Koeleria Salzmanni var. *maroccana* Domin, Bibl. Bot.
65: 284. 1907.

Salzmann. (Hb. Jard. St. Petersburg.)
Marokko. pr. Tanger. No. Africa

Koeleria Salzmanni var. *Pampaninii* Domin in Pampanini,
Bull. Soc. Bot. Ital. 1914: 12. 1914.

Tripoli. Africa. R. Pampanini] (n. 3466).

Koeleria salzmannii var. *schismoides* Trab. Soc. Bot.
France 1885.

Batt. & Trab. Fl. Alger 2: 194. 1895.
Algeria

Koeleria salzmannii var. *typica* Domin, Bibl. Bot. 65:
283. pl. 20. f. 2, 3. 1907.

Cites as synonyms: *K. Salzmanni* Boiss. et Reuter l.o.
sensu str.
K. hispida Salzmann nec DC.!

"Exsiccatas: Reliquiae maroccanae ex Herb. Schousboe
No. 185 *K. pubescens* F.B. var. *Salzmanni* Boiss.
Reut. (1802)."

Koeleria Salzmannii var. *valdepilosa* (Hack.) Domin,
Bibl. Bot. 65: 284. 1907.

= *K. phleoides* var. *valdepilosa* Hack. in E. Reverchon,
Fl. Andalousie 1887, No. 103, Domin, Magyar Bot.
Lapok 3: 337. 1904.

Koeleria scabriuscula (Lag.) Hack. Oestr. Bot. Zeitschr.
27: 123. 1877.

Based on *Avena scabriuscula* Lag.
Spain

Koeleria scabriuscula var. *schismoides* Domin, Bibl. Bot.

65: 291. pl. 22. f. 5, 6. 1907.

Reverchon Fl. de l'Espagne 1891. No. 27.

Spain: Valence

Koeleria scabriuscula var. *typica* Domin, Bibl. Bot.

65: 291. pl. 22. f. 2, 3. 1907.

Fig. 3 of spikelet is "(Sra. Morena, Hackel)" [Spain]

"Exsiccatas: E. Bourgeau, Fl. d'Espagne 1850 No. 997; *Avena scabriuscula* La Gasca (Cosson) et 1852 No. 1679; *Av. scabriuscula* (paulum ad var. *schismoides vergens*)."

"J. Lange, pl. Europae austr. 1851-52 No. 64 *Trisetum scabriusculum* Coss."

Koeleria scheuchzeri (Parl.) Rouy, Fl. France 14: 157.

1913.

K. valesiaca var. *pubescens* Parl. cited.

France

Koeleria Schroeteriana Domin, Bibl. Bot. 65: 160. 1907.

Cites: *K. cristata* var. *vestita* Frère Hérubaud in Herb. du Pens. des Frères de Clermont-Ferrand No. 174 (1877)."

This is same as cited under *Exsiccatas* of var. *typica*

France

Koeleria Schroeteriana var. *glabriglumis* Domin, Bibl.

Bot. 65: 160. 1907.

"Vallesia: Kt. Neuchâtel: in monte Creux du Vent (G. Jeanjaquet 1849).

Gallis: Dept. Cantal: La Croix au Lioran cum typo (v. s.)."

Switzerland

Koeleria Schroeteriana var. *Lehmanniana* Domin, Bibl.

Bot. 65: 161. 1907.

"Vallesia: Kt. [Canton] Zürich: Bülaach lg. C. Lehmann 1875. (H.P.Z.)."

H.P.Z. = Herb. Bot. Mus. Polytech. Zürich

Switzerland

Koeleria Schroeteriana var. *pyrenaica* Domin, Bibl. Bot.

65: 161. 1907.

"Hautes Pyrénées: Gèdre lg. Bordère 1879 sub nomine *K. pubescentis* (H. Z.)."

H.Z. = Herb. Bot. Mus. Univers. Zürich

Koeleria Schroeteriana var. *superba* Domin, Bibl. Bot.

65: 161. 1907.

"Hautes Pyrénées: Gèdre lg. Bordère (Herb. Hack.)."

Koeleria Schroeteriana var. *typica* Domin, Bibl. Bot.

65: 160. 1907.

"Habitat in alpinis Vallesiae occidentalis (Kt. Neuchâtel), Gallis orient. (Cantal) et australis (Alpes Maritimes)."

"Exsiccatas: Herbar du Pensionat des Frères de Clermont-Ferrand No. 174 *K. cristata* var. *vestita* Frère Hérubaud (1877), No. 172 p.p. max."

Switzerland

Koeleria solerophylla Smirn. Repert. Sp. Nov. Fedde

30: 399. 1932.

"Hab. in pinetis montanis et Steppis lapidosis ad Wolgam mediam. Typus: Montes Shaguli, pr. pag. Bachilowo. 25. VII. 1927. No. 999, leg. Sazerdotow et Sprygyn (Herb. Univ. Mosq.)."

Russia - Eur.

aff. *K. gracilis* Pers.

Koeleria seminuda (Trautv.) Domin, Bibl. Bot.

65: 175, 227. pl. 13. f. 18. 1907.

Based on *K. cristata* var. *seminuda* Trautv.

Siberia

Koeleria seminuda var. *pluriflora* Domin, Bibl. Bot.

65: 228. 1907.

"Habitat in Sibiria arotica: ad fl. Lenam infer., ad pag., Gower lg. Czekanowski 1875. (A.S.P. ...)

A.S.P. = Herb. Acad. St. Petersburg.

Koeleria setacea (Pers.) DC. Cat. Hort. Monsp. 118. 1813

Based on "*Koeleria tuberosa* et *K. setacea* Pers." [*Koeleria tuberosa* var. *setacea* Pers.]

So. Europe

Koeleria setacea var. *ciliata* Gren. & Godr. Fl. Fr.

3: 528. 1855.

"---commune dans le midi à Grasse, Toulon, Marseille".....

France

Koeleria setacea var. *glabra* Gren. & Godr. Fl. Fr.

3: 527. 1855.

"---aux environs de Dijon; a St.-Moré dans l'Yonne"....

France

Koeleria setacea var. *intermedia* Timb.-Lagrange, Bull.

Soc. Bot. France 11: 139. 1864.

"au bas de la Penna-bianca, en face de l'hospice de Vénasque."

France

Koeleria setacea var. *pubescens* Lager in Carlot, Étude des Fleurs ed. 8. 2: 913. 1889.

France

Koeleria setacea var. *pubescens* Richter, Fl. Europ.

1: 75. 1890. [Richter credits this to Parl. fl. it.

1: 325. 1848.

"Syn.: *Aira valesiaca* Bertol." only name cited. in Domin, Bibl. Bot. 65: 79. 1907, this is referred to *K. vallesiaca* var. *pubescens* (Parl.) Domin.

Italy

Koeleria setacea var. *quadriflora* Batt. & Trab. Fl.

Alger. 2: (Monoc.) 195. 1895.

"Djebel Mzi (sud oranais)."

Morocco.

Koeleria setacea var. *quinqueflora* Willkomm. ex Wk. &

Lange, Prod. Fl. hisp. 1: 76. 1861.

"in collib. siocis ad Burgos et prope Castello de Noeda Gallesias, Lge.!"

Spain

Koeleria setacea var. *valesiaca* Richter Fl. Europe

1: 75. 1890.

Aira valesiaca Sut. fl. helv. 1: 40. 1802.

Switzerland

Koeleria sibirica Rudolph ex Ledeb. Fl. Ross. 4: 383.

1853, as syn. *Leucopoa sibirica* Ledeb.

see *K. sibirica* Domin 1907. distinct

= *Festuca sibirica*

Siberia

Koeleria sibirica Domin, Bibl. Bot. 65: 174, 227. 1907.

"Habitat in Sibiria boreali: Jenissei, ostium fl. Nischnaja Tunguska lg. H. W. Ch. Arnell 1876 (65 50' n. lat., H.H., H.J.F.)."

H.H. = Herb. Bot. Mus. Kjøbenhavn
H.J.F. = Herb. Bot. Gard. St. Petersburg.

Koeleria simonkay Adamovic, Denkschr. K. Akad. Wiss.

Wien, 74: 118. 1904. [11 in Domin]

Based on "*Koeleria rigidula* Simk., non Steud.!"

Asia Minor, Persia

Koeleria sinaica Boiss. Diagn. Ser. I. 2: (fase. 13)

53. 1854.

"Hab. in regione Sinaitica, Aucher No. 3061."

Sinai, Asia

X *Koeleria Soongarica* Domin, Bibl. Bot. 65: 67. 1907.

Parents:

K. glauca X *gracilis*

"Asia occidentalis rossica: Soongaria distr. Pawlodar, inter stat. Cuman et Pawlodar lg. Korschinsky VI. 1890 (A.S.P.)."

A.S.P. = Herb. Acad. St. Petersburg.

Koeleria sordida Lojac. Fl. Sic. 3: 311. 1909.

"---Mazzara---Herb. Panl

Sicily

Koeleria spicata Reichenb. ex Willk. & Lange, Prod. Fl.

Hisp. 1: 72. 1861, as syn. *Trisetum subspicatum* P.B.

= *Trisetum subspicatum*; = *Avena subspicata*;

= *Trisetum spicatum*

Man. U. S.

Koeleria splendens Presl, Cyp. et Gram. Sic. 34. 1820.

"Hab. in sterilibus arenosis montis Cozzo del Pino Nebrodum."

Sicily

Koeleria splendens (Pauv.) Druce, Journ. Bot. 43: 316.

pl. 474. 1905.

Based on *Festuca splendens* Pourret 1788. Not *Koeleria splendens* Presl. 1820.

France

Koeleria splendens var. *albanica* Domin, Magyar Bot.

Lapok 5: 285. 1906.

"Habitat in Albania: * * leg. O. Bierbach comm. A de Degan"

Koeleria splendens Presl var. *apennina* (Rolli) Chiov.

Malpighia 11: 110. 1897.

Based on "*K. apennina* Rolli in exsicc. herb. Roman"

Not in Domin.

Koeleria splendens var. *atherophora* Domin, Bibl. Bot.

65: 95. pl. 6. f. 10. 1907.

"*K. splendens* esp. *grandiflora* var. *subaristata* Rohl. Sitzungsber. kgl. Böhm. Ges. Wiss. II Q. XXXIX. 27. (1904). Domin, Magyar Bot. Lapok III. 279. 1904. neo Panč."

Fiume: Borbas 1884.

Montenegro: Graecia:

Koeleria splendens var. *bosniaca* Domin, Bibl. Bot.
65: 98. 1907.

O. de Beek VI 1885.

Bosnia: in alpinis montis Treskavica c. 1800 m. lg.
O. de Beek VI. 1885.

Koeleria splendens var. *Callieri* Domin, Bibl. Bot.
65: 95. 1907.

Based on *K. cristata* var. *pseudoglaucous* Hackel in A.
Callier: iter tauricum tertium A. 1900 No. 763. *K.*
cristata var. *pseudoglaucous* (Schur) Hack. teste Hackel
Tauria: Karasubazar.

Crimea, U.S.S.R.

Koeleria (eu)-*splendens* var. *canescens* Aschers. & Graebn.
Syn. *Mitteleur.* Fl. 2: 361. 1900.

Based on *K. cristata* var. *canescens* Vis.

Europe

Koeleria splendens var. *canescens* f. *valdevestita* Domin,
Bibl. Bot. 65: 100. 1907.

"Bosnia: Viscocica lg. G. v. Beek 1888 (H. Beek)."

S.E. Europe

Koeleria splendens ssp. *caudata* var. *algeriensis* (Domin)
Maire & Weiller, Fl. Afr. Nord 2: 326. 1953.

Based on *K. caudata* var. *algeriensis* Dom.

Algeria

Koeleria splendens ssp. *caudata* var. *crassipes* (Lange)
Maire & Weiller, Fl. Afr. Nord 2: 326. 1953.

Based on *K. crassipes* Lange.

Spain

Koeleria splendens ssp. *caudata* var. *crassipes* subv.
setosa (Domin) Maire & Weiller Fl. Afr. Nord 2: 326.
1953.

Based on *K. caudata* subv. *setosa* Domin

N. Africa

Koeleria splendens var. *ciliata* (K. Malý) Hayek, Repert.
Sp. Nov. Fedde Beih. 308: 305. 1932.

Based on *Koeleria splendens* var. *ciliata* K. Malý,
Bull. Inst. Jard. Bot. Beograd 1, 56.

Koeleria splendens var. *durmitorea* (Domin) Domin, Bibl.
Bot. 65: 98. pl. 5. f. 3. 1907.

Based on *K. grandiflora* var. *durmitorea* Domin

Monte Durmitor, Montenegro

Koeleria splendens var. *elongata* Domin, Bibl. Bot. 65:
95, 353. 1907.

[See *K. splendens* var. *pyramidata* subvar. *elongata*.
Domin says on page 95 it is very characteristic and
can be cited as an independent variety]

K. splendens var. *pyramidata*

Note sub "Observatio" from subv. *geilingeri* Domin.
very characteristic and could be distinct variety
[transl.]

p. 353, syn. in italics

North Italy

Koeleria splendens ssp. *grandiflora* var. *pyramidata*
Domin, Magyar Bot. Lapok 3: 277. 1904.

"So seltener, z. B. in Istrien (bei Abbazia 1902 leg.
v. Degen, bei Veprinad leg. v. Degen 1902, Sicilien
(bei Busambra leg. Todaro, H. de D.)"

[H. de D. = Herb. of Degen]

Koeleria splendens var. *longiglumis* Domin, Bibl. Bot.
65: 98, 353. 1907.

[See *K. splendens* var. *pyramidata* subv. *longiglumis*.
Domin says on p. 95 it is very characteristic and
might be cited as an independent variety.]

Koeleria splendens var. *macedonica* (Domin) Domin, Bibl.
Bot. 65: 99. 1907.

Based on *K. glaucovirens* var. *macedonica* Domin.

Macedonia - (J. Dörfler 1893)

Koeleria splendens var. *mollissima* Domin, Bibl. Bot.
65: 99. 1907.

"Sicilia: Tenore 1837 sub nom. *K. gracilis* - (in Nat.
Hist. Mus. London)

Koeleria splendens var. *pseudorigidula* Domin, Magyar
Bot. Lapok 3: 279. 1904.

"So in Istrien (Pola, als *K. crassipes* leg. Freyn
1875, H.D.), Albanien (Baldacci 1895 Nr. 209,
H. de D.), Griechenland (Aetolia, leg. v. Heldreich
1896, H. de D., Euboea, leg. Leonis 1901, H. de D.),
Bulgarien (bei Sumla leg. Milde 1894, H. de D.)"

Koeleria splendens var. *pseudorigidula* (Domin) Domin,
Bibl. Bot. 65: 96. 1907.

Based on *K. splendens* subsp. *grandiflora* var. *pseudo-*
rigidula Dom.

Africa boreali (Algeria) - "Baldacci, Iter albanica
Epiroticum III a. 1895 Nro. 209 *K. cristata*.
De Heldreich, ---Thessaliam---monte Pindo Nro. 45
K. crassipes (1885)."

Koeleria splendens var. *pseudorigidula* f. *colorata* Domin,
Bibl. Bot. 65: 96. 1907.

"Italia: Abruzzi: ...In pascuis montis Sirente in
Aprutio 6000' (Groves 1878, f. *colorata*)."

Koeleria splendens var. *pseudorigidula* f. *humilior*
Domin, Bibl. Bot. 65: 96. 1907.

"Istria: ...Triest: pr. ruinas Servola (Beck 1880, f.
humilior)...Dalmatia: pr. Topolje et Pago (Beck 1895,
statione utraque f. *humilior*)..."

Koeleria splendens var. *pseudorigidula* subv. *pseudo-*
gracilis Domin, Magyar Bot. Lapok 3: 280. 1904.

"So in Venetien (leg. Rigo 1886 als *K. gracilis*,
H. de D.)"

Koeleria splendens var. *pseudorigidula* f. *setifolia*
Domin, Bibl. Bot. 65: 96. 1907.

"Turcia: Herb. Byzantin.: Collines calo. de Macrikent
(Huet du Parquet, f. *setifolia*)."

Turkey

Koeleria splendens var. *pubescens* Domin, Bibl. Bot.
65: 99. 1907.

Italia: Amalfi---(C. Chacaita VI. 1883---Graesia:
Flora Epiri (Hb. de Heldreich Nro. 17)
"K. grandiflora"

Koeleria splendens var. *pubescens* f. *microstachya*
Domin, Bibl. Bot. 65: 99. 1907.

"Montenegro: ad Monastir in valle rivi Fiva
(Rohlena 1905)."

Koeleria splendens var. *pubescens* f. *subpubescens*
(Rohlena) Domin, Bibl. Bot. 65: 99. 1907.

Based on *K. grandiflora* f. *subpubescens* Rohlena

Koeleria splendens var. *pubiculmis* (Domin) Domin, Bibl.
Bot. 65: 97. 1907.

Based on *K. grandiflora* var. *pubiculmis* Domin

"Montenegro: Berg Ranisava---
(J. Rohlena 1904---)"

Koeleria splendens var. *pyramidata* (Domin) Domin, Bibl.
Bot. 65: 94. 1907.

Based on *K. splendens* ssp. *grandiflora* var. *pyrami-*
data Domin.

J. Bornmuller, Iter Dalmaticum Nro. 647---Fl. Herceg.
exsic. 1895, H. Raap lectae cur. A. Callier 162 *K.*
crassipes p.p.)

Koeleria splendens *pyramidata* subv. *elongata* Domin.
Magyar Bot. Lapok 3: 278. 1904.

"So nur in Montenegro (Danilovgrad c. 40 m. leg.
Rohlena 1903)."

Koeleria splendens var. *pyramidata* subv. *fallacina*
Domin, Magyar Bot. Lapok 3: 278. 1904.

"So in Croatia (Buccari gen San Cosmo leg. v. Degen
1902, Fiume (zwischen S. Nicolo und Dolcib, leg. v.
Degen 1902), Montenegro (Bar, leg. Rohlena 1900)."

Koeleria splendens var. *pyramidata* subv. *fallacina*
(Domin) Domin, Bibl. Bot. 65: 94. 1907.

Based on *K. splendens* ssp. *grandiflora* var. *pyrami-*
data subv. *fallacina* Domin.

Montenegro---Rohlena 1900; Fiume ---Degen 1902---
Croatia: Buccari versus San Cosmo (v. Degen
1902)

Koeleria splendens var. *pyramidata* subv. *geilingeri*
Domin, Bibl. Bot. 65: 94. 1907.

"Italia septentr.: Origna Gruppe am Comer See, locus
pluribus a. e. Val Esino, Ballabio inferiore, Bologna
ob Perledo (600 m) (Geilinger 1904)."

Italy

Koeleria splendens var. *pyramidata* subv. *longiglumis*
Domin, Bibl. Bot. 65: 94. 1907.

"Montenegro: in saxosis maritimis pr. Volovica
(Baldacci 1905)."

Koeleria splendens var. *pyrenaica* Domin, Bibl. Bot.
65: 95. 1907.

Eubani 1840 (Herb. Berlin)

"Pyrenaeis orientalis"

Koeleria splendens var. *rigidula* (Simonkai) Domin, Bibl.
Bot. 65: 93. 1907.

(Same comb. made by Jav. Magyar Fl. 1: 86. 1924)

Based on *K. rigidula* Simonkai

Transilvania

Koeleria splendens var. *rigidula* subv. *eminens* Domin,
Bibl. Bot. 65: 93. 1907.

Cites "*K. eminens* Csato, in sched. 1879."

"Transilvania: In declivibus aridis graminosis in
vineis pr. Csombard (Csato sub nomine *K. eminentis*
n. sp.)---Fels-Vinz (Barth 1888)."

Rumania

Koeleria splendens Presl ssp. *splendens* var. *splendens*
ssp. *eu-splendens* Asch. & Graeb. var. *typica* Domin.
Dubuis & Faurel, Bull. Soc. Hist. Nat. Afr. Nord.
48: 481. 1957.

Algeria, Dt. de Tizi - Ouzon, ---près de Tikjda,
Djurdjura (F.)---Akouker vers 1800m.---

Koeleria splendens var. *subaristata* Pančić. Elench. Fl.
Vasc. Crna Gora 97. 1875.

"*Koeleria eu-splendens* a *grandiflora*
b. *subaristata*

In Domin, Bibl. Bot. 65: 165. Icon 9. f. 3. 1907.

Montenegro bor. ---Kom. lg. Pančić 1873 (H. Haack.
K. *grandiflora* var. *subaristata* Pančić.

Koeleria splendens var. *subaristata* Pančić in Rohlena,
Sitzungsber. Böhm. Gesell. Wissensch. 1902³⁹: 27. 1902.
No description.

Montenegro---"montana Čevski Lisac distr.
Katunaka (c. 1000 m)."

[not in Domin Bibl. Bot. 1907]

Koeleria splendens var. *subaristata* f. *verticillata*
Rohlena, Sitzungsber. Ges. Wiss. Math.-Nat. Cl. 1902:
[No.] 39: 27. 1902.

Montenegro

Koeleria splendens ssp. *subcaudata* (Aschers. & Graeb.)
Domin, Magyar Bot. Lapok 3: 279. 1904.

Based on K. *eusplendens* A. *grandiflora*
II *subcaudata* Aschers. & Graeb. 1900.

= K. *splendens* var. *subcaudata* (Asch. & Gr.) Domin
65: 97. pl. 4. f. 5. 1907.

Montenegro, Bosnia, Austro-hungary, Herzegovina

Koeleria splendens var. *subcaudata* (Aschers. & Graeb.)
Domin, Bibl. Bot. 65: 97. pl. 4. f. 5. 1907.

Based on K. *eusplendens* ssp. *grandiflora* var. *sub-*
caudata Aschers. & Graeb. ... K. *splendens* ssp. *sub-*
caudata (Asch. & Graeb.) Domin 1904.

Montenegro, Bosnia Austro-Hungary, Herzegovina

Koeleria splendens var. *subcaudata* subv. *procellicola*
Domin in Degen, Fl. Veleb. 1: 531. 1936.
"Domin in litt."

S.: Süß-Velebit (Südl. vom Ura-Pass.) "Auf der Viso-
ica bei Poditelj; Buljma-Pass ober Medak (D) =
[Degen]."
Croatia. Jugo Slavia

Koeleria splendens var. *typica* Domin, Bibl. Bot.
65: 91. pl. 5. f. 1. 1907.

The figure is given as "Presl aus Sizilien" (See p.
331)

"K. *splendens* Presl et K. *grandiflora* Bertol. l.c.
sensu stricto."

Koeleria splendens f. *verticillata* Rohlena, Sitzungs-
ber. Böhm. Gesell. Wissensch. 1902³⁹: 27. 1902.

Montenegro---"Bar et Velestovo."

Koeleria sterilis Steud. Syn. Fl. Glum. 1: 293. 1854.

"Hrbr. Lechler nr. 1083. Fret Magellanic."

[Domin, Bibl. Bot. 65: 241. pl. 16. f. 4, 5, 6. 1907]

Chile

[Lechler 1083 in types is *Poa spiciformis* Haum &
Parodi; not *Poa sterilis* M-Bieb.

Koeleria subaristata (Pančić) Domin, Bibl. Bot. 65: 165.
1907.

Based on K. *grandiflora* var. *subaristata* Pančić
Elench. (1875)

Montenegro

Koeleria subspicata Reichenb. Fl. Exc. 49. 1830; ex
Willk. & Lange 1861; as syn. *Trisetum subspicatum*
(L.) Beauv. = *Avena subspicata* (L.) Clair 1811.

Based on *Aira subspicata* L.

= *Trisetum spicatum* (L.) Richt. Man. U. S.

Koeleria superba Domin, Bibl. Bot. 65: 118. 1907.

"K. *novozelandica* ssp. K. *superba* Domin, in sched.
Herb. Haack."

"Herb. T. F. Cheeseman Nro. 1331 K. *aristata*."

New Zealand

X *Koeleria supraarenaria* Domin ex Druce, Journ. Bot.

43: 355. 1905

(K. *arenaria* X *gracilis*)

Great Britain

Koeleria Tálievi Layr. in Bordszil. Fl. U.R.S.R. (Fl.
Reipub. Sov. Soc. Uorain.) vid. (ed.) 2: 215.
1940.

Hab. in Russian [Ukraine]

Koeleria tenuicula (Boiss. & Reut.) Boiss. & Reut.
Fugill. Fl. Nov. 123. 1852.

Based on *Vulpia tenuicula* Boiss. et Reut. 1842.

Spain

Koeleria tenuiflora Salzm. ex Trin. Mém. Acad. Pétersb.
VI. Sci. Math. Phys. Nat. 1: 66. 1830, as syn.
Trisetum macilentum Trin.

= *Avenella michelii* fide Domin, Bibl. Bot.
65: 296. 1907.

Koeleria Thoni Domin, Bibl. Bot. 65: 139. 1907.

lg. Martjanow 15. VI. 1898. (Bot. Gard. St. P.)
Siberia, prov. Jenisseisk, distr. Minussinsk.

Koeleria tokiensis Domin, Bull. Herb. Boiss. II.
5¹⁰: 948. 1905.

"Habitat in Japan ad Tokio (coll. Krebs, vidi in
Herb. Mus. botan. Hauniensis [Hjohenhavn])."

Koeleria tokiensis var. *kensangensis* Domin, Bibl. Bot.
65: 130. 1907.

V. L. Komarov. V. 1897 (Bot. Gar. St. Petersburg.)

Manchuria

Koeleria tokiensis var. *typica* Domin, Bibl. Bot.
65: 129. pl. 10. f. 4, 5. 1907.

The figures are said to be from Tokio and Japan

"Exsiccatas: Dr. Aug. Henry's Collection from central
China Nro. 3505. J. Matsumura, Flora japonica Nro.
149.

Koeleria tokiensis var. *typica* f. *leicladia* Domin,
Bibl. Bot. 65: 130. 1907.

"China: Ostchina: Chefoo (Iter Warburgianum 1887,
f. *leicladia*), Peking (Bretschneider, f. *leicladia*)..."

Koeleria tokiensis var. *typica* f. *leicladia* Domin,
Bibl. Bot. 65: 130. 1907.

"Exsiccatas: Dr. L. Savatier, Plantae Japonicae 1866-
1871 (Series prima) Nro. 1489 K. *aristata* f. *leicladia*...first cited.

Koeleria trachyantha Phil. Fl. Atac. 55. 1860.

"In regione herbosa ad Paposo 25° lat. M., O. 500-
1000 p.s.m. invenitur."

Chile

Koeleria transsilvanica Schur, Oestr. Bot. Wochenbl.
313. 1857.

K. *setacea*

Siebenbürgen

Transilvania, Rumania

in Domin, Bibl. Bot. 65: 239. pl. 9. f. 4. 1907.

Koeleria transsilvanica f. *discolor* Degen in Domin,
Magyar Bot. Lapok 3: 259. 1904. "in sched."

"In monte Piatra mare supra Tâmba (Com. Brassó) leg.
Kocsis 1903 (H. de D.)."

[H. de D. = Herb. Degen]

Koeleria transsilvanica f. *hirsuta* Domin, Magyar Bot.
Lapok 3: 259. 1904.

"Com. Hunyad in valle Lepusnik, alt. c. 2000 m. leg.
v. Degen 1903 (H. de D.)."

[H. de D. = Herb. Degen]

Koeleria transsilvanica var. *temuipes* (Schur) Domin,
Mag. Bot. Lapok 3: 259. 1904.

Based on K. *transsilvanica* b. *temuipes*, *alpestris*
Schur, Oestr. Bot. Zeitschr. 7: 313. 1857; Rumm.
pl. Transs. 750 (1866).

Koeleria transsilvanica var. *temuipes alpestris* Schur,
Rumm. Fl. Transs. 750. 1866.

"*temuipes*, *alpestris*" in Schur

"Auf grasigen Abhängen zwischen Juniperus nana auf
der Piatra-mare bei Kronstadt Kalk. 5000' Jun. Jul."

Rumania

Koeleria transsilvanica var. *typica* Domin, Bibl. Bot.
65: 240, 353. 1907, given in text at head of Geo-
graphic Distribution; also in index.

Komit. Fogaras:---Királykö supra Zernest. de Degen

1902.
Komit Brassó---montis Bucoș, alt. c. 2500 m. de
Degen 1902.---Königstein (Schur!) ---mitte
Schullerspitze---(Baenitz 1894).

Koeleria trapezuntina C. Koch, Linnaea 21: 396. 1848.

= K. *phleoides* in Domin 1907

Aagit - Porphyre bei Trebisond."

Asiatic Turkey

Koeleria ? triaristata Schult. Mant. 2: 348. 1824.

Based on *Aira triaristata* Clarke

= " " " fide Domin 1907.

Koeleria trivialis Bub. Fl. Pyren. 4: 358. 1901.

"K. *phleoides* Pers" first binomial cited.

= K. *phleoides* (Vill.) Pers.

Pyrenees

Koeleria truncata Torr. Fl. North. & Mid. U. S. 1: 116. 1823.

Based on *Aira truncata* Muhl.

= *Sphenopholis obtusata* Man. U. S.

Koeleria truncata var. *major* Torr. Fl. North. & Mid. U. S. 1: 117. 1823.

"Hab. Near Deerfield, Massachusetts. Cooley."

= *Sphenopholis intermedia* (Rydb.) Rydb.

Man. U. S.

Koeleria tuberosa Lojac. Fl. Sic. 3: 312. pl. 20. f. 7. 1909.

"*Linosa* v. *Zwierli*!"

Sicily

Koeleria tuberosa Pers. Syn. 1: 97. 1805.

"Hab. in Italia, Anglia et Helvetia."

= *K. vallesiana* Bertol. Domin p. 77.

France

Koeleria tuberosa var. *setacea* Pers. Syn. 1: 97. 1805.

"Hab. in Pyrenaeis."

Koeleria tunicata Presl, Cyp. et Gram. Sic. 34. 1820.

"Hab. in pratensibus montium S. Martini..."

Sicily

= *Festuca caerulea* fide Domin

Koeleria uniflora (Hochst.) Schweinf. & Aschers. Beitr. Fl. Aethiop. 300. 1867.

[Based on *Airochloa uniflora* Hochst. fide Domin, Bibl. Bot. 65. 110. 1907.]

Africa

Koeleria vallesiana (All.) Gaud. Alpina 3: 47. 1808.

Based on "*Aira vallesiana* All."

Switzerland

= *K. vallesiana* (All.) Bertol. Domin p. 77. 1907.

Koeleria vallesiana var. *alpicola* (Gren. & Godr.)

Husnot, Gram. Fr. Belg. 45. 1899.

Same comb. Domin, Magyar Bot. Lapok 3: 343. 1904.

"*Koeleria alpicola* Gren. & Godr."

France

Koeleria vallesiana var. *Mutell* Gaudin, Mut. Fl.

4: 83. 1837.

France

"les terrains secs du Lautaret (Mut.)"

[France]

not in Domin

Koeleria vallesiana var. *pubescens* Parl. Fl. Ital.

1: 325. 1848. [vallesiana]

K. vallisiana f. *pubescens* Parl.

"nasce a Porto Maurizio, a Capo noli nella Riviera di Ponente." Italy

Koeleria vallesiana var. *setacea* (DC.) Koch, Synops.

791. 1837.

Based on "*K. setacea* DC."

(Same comb. var. *setacea* made by Coss. & Dur. Expl. Sci. Alger. 2: 124. 1855. Date acc. to Stearn. See Date cards)

= *K. vallesiana* (All.) Bertol

Koeleria vallesiana var. *tomentosa* Mut. Fl. Fr. 4: 83.

1837.

"Lautaret au coteau dit les Gardes (Mut.)"

[France]

Vallesiana--fnote in Aschers. & Graeb. Fl. Syn. Mitteleur. Fl. 2: 354. 1900 on spelling:

Fnote 6) First observed in Wallis (Latin *Vallesia*), compare page 273, footnote 3. According to a note to us through H. Christ, from Prof. Andr. Heusler (Basel) this name was written, in harmony with the generally accepted etymology of *Vallis* (territory of Vallense) always, for at least 100 years, spelled with a double l, as in the French *Vallais*. The loss of an l in both languages is of recent origin. Likewise the name occurs in older Latin texts only in the form *Vallesianus*; the form *lacus* is also modern.

Koeleria vallesiana Bertol. in Roem. & Schult. Mant.

2: 346. 1824.

"Pag. 622 n. 6. *Koeleria vallesiana* adde synonymon: *Koel. vallesiana*--Bertolom. in litt. (cum synonymia nostra praeter Gaud., P. de Beauv. et Fl. fr.; Allioni vers fide specim.)"

In Domin p. 77 given thus: *K. vallesiana* Bertol. *K. vallesiana* Bertol. in R. & S. as above. *K. vallesiana* Aschers. & Graeb. Syn II 1: 354. 1900. *Aira vallesiana* All. Auct. 40. 1789. Bertol. Fl. Ital. 1: 438. 1833.

In Maire & Weiller, Fl. Afr. Nord given as *K. vallesiana* (Hopokeny) Bertol.--*Poa vallesiana* Hopokeny, Syst. Verz. Gew. Teutschl. 224. 1782.

Koeleria vallesiana var. *abbreviata* Domin, Bibl. Bot.

65: 84. pl. 5. f. 8. 1907.

leg. Boissier 1837.

Hispania: Sierra Nevada

"H.K." = Herb. Kew (Royal Gardens)

Koeleria vallesiana var. *abbreviata* subv. *mirabilis*

Domin, Bibl. Bot. 65: 85. 1907.

"Habitat in Alpibus gallicis Savoie: Maurienne lg. Thomas (H.L.)"

H.L. = Herb. Bot. Mus. Lausanne

Koeleria vallesiana var. *acuminata* Domin, Bibl. Bot.

65: 84. pl. 4. f. 3. 1907.

The figure is said to be from (Neuchâtel) (see p. 330)

Switzerland

Vallesia. Kt. Neuchâtel: Cressier (H.P.Z.), pr. Neuchâtel lg. Bamberger....

H.P.Z. = Herb. Bot. Mus. Polytechnik Zürich

Koeleria vallesiana ssp. *alpicola* (Gren. & Godr.)

Domin, Magyar Bot. Lapok 3: 180. 1904.

Based on *K. alpicola* Godr. & Gren.

France

Koeleria vallesiana var. *alpicola* subv. *graciliscens*

Domin, Bibl. Bot. 65: 84. 1907.

"Habitat in Pyrenaeis Aragoniae locis pluribus (lg. et mis. Carlo Pau 1906)."

Koeleria vallesiana var. *alpicola* f. *lobulata* Domin,

Bibl. Bot. 65: 83. 1907.

"Hispania: Col de Vénasque lg. René du Parquet 1862 (N.H.M.)"

N.H.M. = Herb. des Natural History Museum London.

Koeleria vallesiana var. *alpicola* f. *quadriflora* Domin,

Bibl. Bot. 65: 83. 1907.

"Hautes Alpes: La Grave lg. Mathonnet (H. U. G.)"

H. U. G. = Herb. Bot. Inst. Deutsch. Univ. Prag

Koeleria vallesiana f. *aurata* (Bubani) Domin, Bibl.

Bot. 65: 80. 1907.

Based on *K. aurata* Bubani

Pyrenes

Koeleria vallesiana var. *ciliata* (Gren. & Godr.) Domin,

Magyar Bot. Lapok 3: 178. 1904.

"*K. setacea* var. *ciliata* Gren. & Godr."

France

Koeleria vallesiana f. *ciliata* (Gren. & Godr.) Domin,

Bibl. Bot. 65: 79. 1907.

Based on *K. setacea* var. *ciliata* Gren. & Godr.

France

Koeleria vallesiana f. *colorata* Domin, Magyar Bot.

Lapok 3: 179. 1904.

"Coteaux Calcaires envir. d'Angoulême (Charente) leg. Quillon 1898 (H. de D.)"

H. de D. = Herb. Degen

France

Koeleria vallesiana var. *elatior* Domin, Magyar Bot.

Lapok 3: 179. 1904.

"So in Elsass zwischen Rufach und Westhalten auf Kalkfelsen, Issler 1902."

Alsace, France

Koeleria vallesiana f. *foliosa* Domin, Bibl. Bot.

65: 80. 1907.

"*Vallesia*: K[ant]on Wallis: locis plurimis, a. e. pr. Branson (praecipue f. *foliosa*)"

Switzerland

Koeleria vallesiana var. *glabra* Gren. & Godr. ex Arcang.

Comp. Fl. Ital. 790. 1882.

"Fino ad ora non trovata in Italia."

Koeleria vallesiana var. *glabra* Aschers. & Graebn. Syn.

Mitteleur. Fl. 2: 355. 1900. of. Gren. & Godr. 1882.

K. setacea var. *glabra* Gren. & Godr.

France

Koeleria vallesiana f. *glabra* (Gren. & Godr.) Domin,

Bibl. Bot. 65: 79. 1907.

Based on *K. setacea* var. *glabra* Gren. & Godr.

France

Koeleria vallesiana var. *minoriflora* Domin, Bibl. Bot.

65: 86. 1907.

Porta et Rigo, iter II Hispanicum 1890. No. 675.

"Hispania: Alcantara, ...Sierrae Castalla, ...first cited and one with *Exsiccatas*."

Koeleria vallesiana var. *mollis* Domin, Bibl. Bot.

65: 85. 1907.

E. Reverchon, Fl. d'Espagne 1904. No. 855 pp. et no. 1205 pp.

Hispania

"H. Deg., H. Herv." = Herb. A. de Degen

"Jos. Hervier (St. Etienne)

Koeleria vallesiana var. *mollis* f. *pubifolia* Domin,
Bibl. Bot. 65: 85, 353. 1907.

"Aus Frankreich (Dept. Lozère, H. L.)"
H. L. = Herb. Bot. Mus. Lausanne
France

Koeleria vallesiana var. *pectinata* (Lam.) Fiori, Nuov.
Fl. Anal. Ital. 119. 1923.

Based on *Poa pectinata* Lam.
source unknown

Koeleria vallesiana var. *pubescens* (Parl.) Domin,
Magyar Bot. Lapok 3: 178. 1904.

Based on *Koeleria setacea* var. *pubescens* Parl.
Italy

Koeleria vallesiana subv. *pubescens* (Parl.) Maire &
Weiller, Fl. Afr. Nord 2: 323. 1953.

Based on *Koeleria setacea* var. *pubescens* Parl.
Italy
see Domin 1904, same comb.

Koeleria vallesiana f. *quadriflora* Domin, Magyar Bot.
Lapok 3: 179. 1904.

"Wallis (Schweiz): Tourbillon, leg. Christ. Notar
1857 (H. de D.)"
H de D = [Herb. Degen]

Koeleria vallesiana var. *Reverchonii* Domin, Bibl. Bot.
65: 85. 1907.

lg. E. Reverchon. Hispania: Andalusia: Sierra de
Moya
"H. Herv." = Herb. Jos. Hervier (St. Etienne)

Koeleria vallesiana var. *setacea* (Pers.) Kneuck. Allg.
Bot. Zeitschr. 8: 95. 1902.

Koeleria tuberosa var. *setacea* Pers.
Pyrenees

Koeleria vallesiana var. *setacea* (Pers.) subv. *pubescens*
(Parlatore) Kneucker Allg. Bot. Zeitschr. 8: 95.
1902.

K. valesiaca pubescens Parl.
Italy

Koeleria vallesiana var. *typica* Domin, Bibl. Bot.
65: 78. pl. 4. f. 1, 2. 1907.

Specimens figured from Switzerland

Koeleria vallesiana var. *typica* subv. *glabra* (Gren. &
Godr.) Maire & Weiller, Flor. Afr. Nord 2: 322. 1953.

Based on *K. setacea* var. *glabra* Gren. & Godr.
forma colorata Domin --80. 1907.
f. *quadriflora*
France

Koeleria vallesiana var. *typica* f. *pubescens* (Parl.)
Domin, Bibl. Bot. 65: 79. 1907.

subvar. *pubescens* (Parl.) Maire & Weiller, Fl. Afr.
Nord 2: 323. 1953.
Based on *K. valesiaca* var. *pubescens* Parl.

Koeleria vallesiana var. *typica* f. *quinqueflora* (Willk.)
Domin, Bibl. Bot. 65: 80. 1907.

Based on *K. setacea* var. *quinqueflora* Willk. in
Willk. & Lange

Koeleria vallesiana var. *valesiaca* (All.) Fiori, Nuov.
Fl. Anal. Ital. 1: 119. 1923.

Based on *K. valesiaca* Caud. - this on *Aira vallesi-*
aca All.

Koeleria Velenovskyi Domin, Bibl. Bot. 65: 118. pl. 7.
f. 8. 1907.

"lg. R. C. Gurm. ex hb. Hooker, H. B."
"mantibus Tasmaniae"
"H.B." = Herb. Bot. Mus. Berlin

Koeleria vestita Nees ex Steud. Syn. Fl. Glum. 1: 294.
1854.

= (*K. glomerata*)
"Ins. Owhyhee." Hawaiian Oahu
= *Trisetum glomeratum* (Kunth) Trin.

Koeleria villosa Pers. Syn. Fl. 1: 97. 1805.

"Hab. in Europa et Barbaria ad maris littora."
Mediterranean region
= *K. pubescens* (Lam.) Beauv. in Domin 1907.

Koeleria villosa Bout. ex Willk. & Lange, Prodr. Fl.
Hisp. 1: 75. 1861, as syn. *K. castellana* var.
velutina Willk. Not Pers. 1805.

= *K. castellana* Boiss. & Reut. fide Domin 1907.

Koeleria villosa var. *barrelieri* (Ten.) Lojac. Fl.
Sicoul. 3: 311. 1909.

Based on "*Koeleria barrelieri* Guss" this on
Phalaris barrelieri Ten.
Italy

Koeleria villosa var. *cinerea* Duby in DC. Bot. Gall.
1: 521. 1828.

"In arenosis Avenionis et Narbonae (cl. Requien)."
France

= *K. pubescens* (Lam.) Beauv. f. *pumila* Domin in
Domin 1907.

Koeleria villosa var. *discolor* (Guss.) Lojac. Fl. Sicoul.
3: 311. 1909.

Based on *Koeleria discolor* Guss.
Sicily

Koeleria villosa var. *macilentia* Kunth, Rev. Gram.
1: Suppl. XXX. 1829.

"*Aegialitis tenuis* Trin. -- *Aegialina tenuis* Schult."

Koeleria villosa var. *phalaroides* Lojac. Fl. Sicoul.
3: 311. 1909.

"Sicilia (Herb. priv. Tod. s. nom. neo loco)."
Sicily

Koeleria villosa var. *typica* Batt. & Trab. Fl. Alger.
2: (Monoc.) 193. 1895.

"syn.: *Koel. pubescens* var. *vulgaris* Coss. [& Dur.]
1855.

Algeria

Koeleria webbiana Parl. Giorn. Bot. 2^o: 376. 1845.

"Questa specie mi è stata comunicata dal mio amico
ed egregio botanico signor Filippo Barker Webb, che
l'ha raccolta a Tanger."

= *K. pubescens* (Lam.) Beauv. fide Domin 1907.
Tangier. Morocco. Afr.

Koeleria wilczekiana Domin, nov. hybr. Repert. Nov.
Sp. Fedde 13: 56. 1913.

"(*K. hirsuta* X *pyramidata* an *K. hirsuta* X *gracilis*?)"
Europe

Koeleria Wildemannii Domin, Bibl. Bot. 65: 112. 1907.

Nyassaland Africa

"Exsiccatae: British Central Africa No. 64.
Nyassaland: Mte. Milanji, Coll. Clounie, comm.
Johnston 1896."

Koeleria Wildemannii var. *aberrans* Domin, Bibl. Bot.
65: 112. 1907.

lg. Bachmann 1887.

Afr. aust. or. Pondoland

Koeleria wolgensis Smirn. Repert. Sp. Nov. Fedde 30:
400. 1932, as syn. *Koeleria sclerophylla* Smirn.

Cited: "Syn. *K. wolgensis* P. Smirn. in Sprygin,
Bastitebny pokrow Sredne-wolenskogo kraja (1931) 60
(nomen) et in sched. meis a. 1929."

Koeleria yukonensis Hultén, Acta Univ. Lund n. ser.
38: 190. f. 1a, 2a. map 133. 1942.

"Upper Yukon River distr.; 'Yukon distr.' June 18,
1898, Andersson (S)."

Koordersiochloa javanica Merrill, Philip. Journ. Sci.
C. Bot. 12: 67. pl. 1. 1917.

"Java orientalis, Prov. Besoeki, Iden Plateau, in
sylvis Casuarinae montanae, leg. Koorders 40846 β ,
alt. 1,800-2,000 m.s.m., July 21, 1916."
T.

Koryocarpus arundinaceus Zea "Ac. Matr." 1806.

See Lag. Gen. & Sp. Nov. 4, 1816. "America."

= *Diarrhena americana* Beauv.

"Ze. Ac. Matrit.-- Zea in Actis Academiae Medicae
Matritensis". I do not know to what this can refer
unless the "Memorias de la Real Academia Médica de
Madrid". The Surgeon General's Library has this pub-
lication listed in its Catalogue, V. 10, p. 861, in-
dicating that it has v.1-2, 1797-1862; pt.1, v.3,
1870; v.4, 1877. Whether any part of the "Memorias"
was published in 1806 I cannot tell, but the corres-
pondence of the title with the Latin citation would
certainly make it worth while to examine it.
Majorie Warner, Bibliographer

Kralikella africana Coss. & Durieu, Bull. Soc. Dauph.
Exchange Fl. 66, 1876; op. cit. 153: (repr. p. 29)
1877.

see generic card

Kralikia africana Coss. & Durieu, Bull. Soc. Bot. Fr.
14: 90. 1867.

"Hab. In provinciae Cirtensis planitiebus excelsis
Saharae confinibus... montis Kerdada prope Bou-Saada
...V. Reboud---anno 1865 detecta."

N. Africa

Kralikia
Kialkella africana Maire, Ann. Jardin Bot. Madrid 8:364,
1947, non Coss. & Dur.

error for *Kralikella* or *Kralikia*

Basis of *Oropetium hesperidum* Maire op cit. 364. 1947.

"Oropetium" error for *Oropetium*

Kretzmannia imbricata Opiz, Sezn. Rostl. Ceské 56.
1852.

Based on *Triticum imbricatum* Stev. in Marsch.-Bieb.
nom. nud.
= *Agropyron imbricatum* (Stev.) Roem. & Schult. which
is based on *Triticum imbricatum* Stev.

Krombholzia latifolia Fourn. Bull. Soc. Bot. Belg.
15: 464. 1876.

= *Zengites latifolia*

"Dolores (Liebm.) no. 541, agosto)." Mexico

Krombholzia mexicana Rupr. Bull. Acad. Roy. Brux.
2: 247. 1844, nom. nud.; Fourn. Bull. Soc. Bot.
Belg. 15: 464. 1876.

"Secus amnem prope vicum Sola in prov. Oajacensi,
1500' (Gal. n. 5751)."

[Mexico]

= *Zengites*

Ktenosachme tenerrima Steud. Syn. Fl. Glum. 1: 150.
1854.

"Ex Hrbo. Lenormand. Patria?"

Lachnagrostis aemula (R. Br.) Nees ex Hook.f. Handb.
N. Zeal. Fl. 329. 1867.

"[*Lachnagrostis*] *aemula*, Nees" cited [not published
by Nees]

Based on *Agrostis aemula* R. Br.

Australia, Van Dieman

Lachnagrostis billardieri (R. Br.) Trin. Fund. Agrost.
128. 1820.

"*Agrostis billardieri* (*Agrostis billardieri* Br.)"
in Trin. Gram. Unifl. 217. 1824 "*Agrostis billar-*
dieri Br." is listed under "Reliquae species."

Australia

Lachnagrostis chamissonis Trin. Gram. Unifl. 216. 1824.

"V. spp. ex Ins. Paschatis, ubi detexit ill. de
Chamisso."

Easter Island

Lachnagrostis ciliata Nees ex Trin. Mém. Acad. Pétersb.
Ser. VI, Sci. Nat. 40: 373. 1841, as syn. of
Agrostis ciliata Trin." Not Thunb.

Lachnagrostis filiformis Trin. Fund. Agrost.
128. pl. 10. 1820.

Based on [*Agrostis*] *filiformis* "Sprgl." only species
figured in original description of genus.

Lachnagrostis forsteri (Roem. & Schult.) Trin. Gram.
Unifl. 217. 1824.

Based on "*Agrostis Forsteri* R. et S."

"Ins. Paschatis et oc"

Easter Island

Lachnagrostis Griffithiana Munro, ex Hook.f. Fl. Brit.
Ind. 7: 263. 1896, as syn. = *Calamagrostis*
griffithiana Hook.

India

Lachnagrostis Gussonei Trin. Icon. 3: pl. 243. 1830.

Based on "*Agrostis nitens* Guss."

= *Triplachne nitens* (Guss.) Link

Sicily

Lachnagrostis hookeri Nees ex Steud. Syn. Fl. Glum.

1: 173. 1854, as syn. *Agrostis royleana* Trin.

Referred to *Deyeuxia royleana* (in Addend.)

India

Lachnagrostis hookeriana Nees ex Steud. Syn. Fl. Glum.

1: 192. 1854 (species not mentioned, only "Mpt. sub.:

Lachnagrostis") Jacks. Ind. Kew. 18. 1894; as

syn. of *Calamagrostis hookeriana* Nees

Ceylon

Lachnagrostis phleoides Nees & Mey. in Nees, Nov. Act.

Acad. Caes. Leop. Carol. 19: Suppl. 1: 14. 1841;

146. 1843.

"Circos Valparaíso in republica Chilensi, Februario
1831."

Chile

= *Gastridium phleoides*

Lachnagrostis plebeia Trin. ex Jackson, Ind. Kew. 2: 18.
1894.

Erroneously cited as Trin. Gram. Unifl. 217.

Listed by Trinius sub "Reliquae species sunt":
as *Agrostis plebeia* Br." R. Br.

Australia

Lachnagrostis preissii Nees in Lehm. Fl. Preiss.

2: 97. 1846-47.

"In regionibus interioribus Australiae meridionali-
occidentalis. Oct. 1840. Herb. Preiss. No. 1846."

Lachnagrostis retrofracta Trin. Fund. Agrost. 128. 1820.

Based on "(*Agrostis retrofracta* Willd.)"

Australia

= *Agrostis avenacea* Man. U. S.

Lachnagrostis royleana Steud. Syn. Fl. Glum. 1: 173.

1854, as syn. *Agrostis royleana* Trin.

= *Deyeuxia royleana* (in Addend)

India

= *Calamagrostis*

Lachnagrostis roylei Nees ex Steud. Syn. Fl. Glum.

1: 193. 1854, as syn. *Calamagrostis roylei* Steud.

= *Calamagrostis royleana*

India

Lachnagrostis rudis (R. Br.) Trin. Gram. Unifl. 217,
294. 1824.

Based on "*Agrostis rudis* Br." (R. Br.) comb. made in
index p. 294.

Australia

Lachnagrostis scabra Nees ex Steud. Nom. Bot. Ed. 2.

1: 250. 1840, as syn. *Calamagrostis neesii* Steud.

See Bor, Kew Bull. 1954: 454. 1954.

"In Nees' handwriting" is a slip with the words
✓ 187/267 & 73 *Lachnagrostis scabra*, Simla, Mussooree,
Hutes"

= *Agrostis pilosula* Trin.

India

Lachnagrostis willdenowii Trin. Gram. Unifl. 217. 1824.

"*Agrostis retrofracta* Willd. R. & S." 2: 365. cited.

Roem. & Schult. cite "Willd. Enum. H. Berol. 1. p. 94
In nova Hollandia"

Australia

Lachnochloa pilosa Steud. Flora 33: 228. 1850, nom. nud.

Syn. Fl. Glum. 1: 5. 1854.

"Senegambia."

Afr. trop.

Laertia oryzoides Gromow in Trautv. Acta Hort. Petrop.

9: 354. 1884.

Name only credited to Gromow. Enum. Stirp. Charkov.
in Trud. Ooh. Nauk. Pre. Charkov 1: 141.

Charkow

U.S.S.R.

Leersia oryzoides Sol.

Lagurus cylindricus L. Syst. Nat. Ed. 10. 2: 878. 1759.

"[No place given. Cites "*Gr. tomentosum spicatum* C.B.
4. D. Gerard."]

= *Imperata cylindrica* (L.) Beauv. Man. U. S.

Lagurus nitens Lojac. Fl. Sioul. 3: 286. pl. 8. f. 4.
1909.

"L. siculus in litt. ad De Deg."

Sicily

Lagurus ovatus Linn. Sp. Pl. 81. 1753.

"In Italia, Gallia, Sicilia, Lusitania."

Man. U. S.

Lagurus ovata ssp. *communis* Messeri in Faunero, Annales
Bot. Cavanilles XI 1: 323. 1953.

var. *genuinus* Messeri in Faunero l.c. "frequente
en toda Espana."
var. *vestitus* Messeri in Faunero l.c. "Balears,
Gibraltar, Sierra Llana (Málaga)."

Spain

Lagurus ovatus ssp. *communis* var. *vestitus* Messeri,
Nuovo Giorn. Bot. Ital. n.s. 47: 234. 1940.

"---Monte Lissandro e di Musso Cantaro; Monte
Telegrafo---

[island of Marettimo near Sicily]

Lagurus ovatus var. *glabrilemmis* Maire, Bull. Soc. Hist.
Nat. Afr. Nord 32: 222. 1941.

"C'est la plante la plus commune et probablement le
type de l'espece."

North Africa

Lagurus ovatus var. *glabrilemmis* subv. *semiglabra* Maire,
Bull. Soc. Hist. Nat. Afr. Nord 32: 222. 1941.

"Très répandu en Algérie, Tunisie, Maroc."

north Africa

Lagurus ovatus var. *glabrilemmis* subv. *villicaulis*
Maire, Bull. Soc. Hist. Nat. Afr. Nord 32: 222. 1941.

"Assez répandu en Algérie, en Tunisie, au Maroc, en
Cyrénaïque."

Lagurus ovatus var. *glabrilemmis* subv. *villicaulis* f.
violaceus Faure & Maire in Maire Contr. 1160; Maire,
Bull. Soc. Hist. Nat. Afr. Nord 32: 222. 1941.

"à arêtes violettes"

North Africa

Lagurus ovatus var. *globosus* Zohary, Beih. Bot. Centralbl.
Abt. II. 51: 294. 1933.

"Beirut, Sandboden, IV. 1931." [Zohary]
Syriens

Lagurus ovatus var. *microcephalus* Senn. & Maurio. Cat.
Fl. Rif Or. 127. 1933, nom. nud.

"Hidum; Lahaddara; Cabo de Agua."
Africa. Morocco

Lagurus ovatus ssp. *nanus* Messeri in Faunero, Anales
Bot. Cavanilles XI. 1: 323. 1953.

"Almería y Coto, cerca de Puerto de Santa María."
Spain

Lagurus ovatus var. *nanus* Guss. Suppl. Fl. Sic. Prodr.
1: 30. 1832.

"Lampedusa"
[Sicily]

Lagurus ovatus var. *villilemmis* Maire, Bull. Soc. Hist.
Nat. Afr. Nord 32: 222. 1941.

"Cà et là avec le var. *glabrillemis*"
North Africa

Referred to *L. ovatus* var. *vestitus* Messeri 1940.
by Maire & Weiller, Flore Afrique Nord 2: 156. 1953.

Lagurus ovatus var. *villilemmis* subv. *glabrescens* Maire,
Bull. Soc. Hist. Nat. Afr. Nord 32: 222. 1941.

"Assez rare: Algérie: Alger! (Durand); Aflou! (A.
Roux). Maroc: Alhucemas! (Font-Quer)."
North Africa

Lagurus ovatus var. *villilemmis* subv. *pubicaulis* Maire,
Bull. Soc. Hist. Nat. Afr. Nord 32: 222. 1941.

"Parait rare: Algérie: Aflou! (A. Roux)."
Africa

Lagurus schoenanthus Steud. Nom. Bot. Ed. 1. 461, 46.
1821, as syn. of *Andropogon schoenanthus* L.

= *Cymbopogon schoenanthus*
India

Lagurus sioulus Lajac, Fl. Sic. 3: 286, 1909.
Sicily

Lamarkia aurea (Linn.) Moench, Meth. Fl. 201. 1794.
Based on "*Cynosurus aureus* Linn."
Europe Man. U. S.

Lamarkia hookeriana Griff. Itin. Not. 349; Notul.
3: 94. 1851.
= *L. aurea*
"Afghanistan Otipore: 1840."

Lamarckia tenella DC. Cat. Hort. Monsp. 120. 1813.
Based on "*Cynosurus tenellus* Cav. ex hort. madr."
pub. as syn.
[Grown in Montpellier Garden]
= *Aegopogon tenellus* Man. U. S.

Lamprothyrsus hieronymi (Kuntze) Pilger, Bot. Jahrb.
Engler 37: Beibl. 85: 58. 1906.

Based on *Triraphis Hieronymi* O. Ktze. Rev. Gen. III:
373. 1898.

Argentina: Cordoba---(Hieronymus sin. num. ---florens
---Nov. 1881); Cordoba, Sierra Achala---(Hieronymus---
post anthesis collect.---Nov. 1878.

Lamprothyrsus hieronymi var. *jujuensis* (Kuntze)
Pilger, Bot. Jahrb. Engler 37: Beibl. 85: 59. 1906.

Based on *Triraphis Hieronymi* var. *jujuensis* O. Ktze.
Argentina: Jujuy (O. Kuntze sin. num. 1892.)

Lamprothyrsus hieronymi var. *nervosa* Pilger, Bot.
Jahrb. Engler 37: Beibl. 85: 59. 1906.

Argentina: Cordoba, Sierra Achala, al norte de la
Cuesta de Copina (Hieronymus---Novembri 1878)

Lamprothyrsus hieronymi var. *pyramidata* Pilger, Bot.
Jahrb. Engler 37: Beibl. 85: 59. 1906.

Bolivia: ad Toldos prope oppidum Bermejo.---
(Fiebrig n. 2372---Dec. 1903.

Lamprothyrsus hieronymi var. *tinota* Pilger, Bot. Jahrb.
Engler 37: Beibl. 85: 59. 1906.

"Bolivia: prope Bermejo, in declivibus montium---
(Fiebrig n. 2099...)"

Lamprothyrsus peruvianus Hitchc. Proc. Biol. Soc.
Washington 36: 195. 1923.

"Type in the herbarium of the Field Museum of Natural
History, No. 517,715 collected on a shrubby slope....
Yunahuana, Peru, ...by Macbride and Featherstone
(No. 1205)."

Langsdorffia repens Fisch. ex Regel, Ind. Sem. Hort.
Petrop. 26. 1863, as syn. of *Chloris distichophylla*
Lag., with description.

"Hbr. Gorenk. In insula St. Katherine Brasiliae
lecta et a Langsdorffio communicata. (Herb. Fisch.)."
Brazil

= *Chloris distichophylla*

Lappago aliena Spreng. Neu. Rhtd. 3: 15. 1822.

"Hab. in Brasilia. Zeyher."

= *Pseudechinolaena polystachya* (H.B.K.) Stapf.
Man. U. S. note
Commonly misapplied to *Tragus berteromanus*

Lappago berteroniana Schult. ex Steud. Syn. Fl. Glum.
1: 112. 1854, erroneously cited as syn. *Lappago*
aliena Spr.

= *Tragus berteronianus* Man. U. S.
Dominican Republic

Lappago biflora Roxb. Hort. Beng. 82. 1814, without
descrip.; Fl. Ind. ed. Carey 1: 284. 1820.

"a native of the dryest pasture ground on the
Coromandel Coast."

Basis of *Tragus biflorus* (Roxb.) Schult. Mant.
2: 205. 1824.

India

Lappago decipiens Fig. & De Not. Mem. Acc. Torin.
14: 389. 1854. (Separate 1853)

"In deserto regionis Kordofan in Nubia superiore."

Lappago latipes Steud. Nom. Ed. II. 2: 9. 1841.

Based on "*Latipes senegalensis* Kunth."
" " " "
Africa

Lappago occidentalis, Nees ex Hook. f. Fl. Brit. Ind.
7: 97. 1896, as syn. of *Tragus racemosus* Scop.

= *Tragus berteronianus* Schult. Man. U. S.

Lappago oplismenoides Speg. Anal. Soc. Cient. Argent.
16: 132. 1883.

= *Oplismenus oplismenoides* (Speg.) Speg.

"Hab. In sylvis virginis umbrosis secus flumen
Piray-guazú vocatum, in provincia argentina
Misiones", Maj 1883, leg. Cl. Carolus von Gulich."
Reg. Argent.

Lappago phleoides Fig. & De Not. in Ann. So. Nat.
Ser. III. 19: 373. 1853.

= *T. racemosus* ?

"In deserto regionis Kordofan Nubiae superioris legit
Figari."

Lappago racemosa Honck. Syn. Fl. Germ. 1: 440. 1792.

(as new Willd. Sp. Fl. 1: 484. 1797 same basis)

= *Tragus racemosus*

Based on "*Cenchrus racemosus* L."

Lappago racemosa var. *erecta* Kunth, Rev. Gram. 2: 413.
1831, without descr. Cites *Tragus ciliatus* Leprieur,
ined. "var. A. in Senegambia. ."

(Kunth, Enum. Fl. 1: 170. 1833 gives above var. and
credits it to "(Kunth, Gram. 2. t. 120.)" also
without descr.)

Lappago setacea Spreng ex Steud. Nom. Ed. II. 2: 9, 11.
1841, as syn. *Lasiochloa hispida*.

= *Lasiochloa longifolia* var. *hispida* Stapf
So. Africa

Lappago setiformis Spreng. ex Steud. Nom. Ed. II.
2: 9, 11. 1841; as syn. *Lasiochloa hirta*.

= *Lasiochloa* So. Africa

Lappagopsis bijuga Steud. Syn. Fl. Glum. 1: 112. 1854.

"Urville legit in Ins. St. Catharin. et Claussen in
Brasil."

= *Axonopus bijugus*

Lasiaxis anomala Hitchc. Journ. Washington Acad. Sci.
9: 37. 1919.

"Type in the U. S. National Herbarium, no. 865557,
collected along the edge of jungle, Fort George Road,
Port of Spain, Trinidad, November 27, 1912, by A. S.
Hitchcock (Amer. Gr. Nat. Herb. no. 595)."

Brit. W. I.

Lasiaxis compacta (Swartz) Hitchc. Bot. Gaz. 51: 302.
1911.

Based on "*Panicum compactum* Sw."

= *L. fuscofolia* Man. W. I.
Jamaica

Lasiacis divaricata (L.) Hitchc. Contr. U. S. Nat. Herb. 15: 16. 1910.

"Based on *Panicum divaricatum* L."

[Jamaica]

Man. W. I.

Lasiacis excoavata (Herrard) Parodi, Not. Mus. La Plata (Bot.) 8: 92. fig. 4. 1943.

Based on *Panicum excoavatum* Herrard

Paraguay: Guarapi, ... anno 1881, leg. Balansa no 2947

Lasiacis glabra Swallen, Ceiba 4: 287. 1955.

Type in the U. S. National Herbarium, Nos. 2,076,931; 2,153,497; and 2,153,498, collected on moist shady banks near Rio San Francisco, road to Danli, Dept. El Paraíso, Honduras, November 1, 1951, by Jason R. Swallen (No. 11193).

Lasiacis globosa Hitchc. Contr. U. S. Nat. Herb.

17: 251. 1913.

in U. S. National Herbarium, no. 691226, collected Acapulco, Mexico, by Edward Palmer (no. 114 in 1894).

Lasiacis Grisebachii (Nash) Hitchc. Bot. Gaz. 51: 302. 1911.

Based on "*Panicum Grisebachii* Nash"

Cuba Man. W. I.

Lasiacis guaranitica (Speg.) Parodi, Not. Mus. La Plata (Bot.) 8: 95. 1943.

Based on *Panicum guaraniticum* Speg.

"provinciarum Argentinae Missiones et Chaco Febr. et Maj. 1883. The type is conserved in the Inst. Spegazzini of the Universidad de La Plata (no. 12595). The original label says 'Posadas, Misiones, leg. C. v. Gulich, III-1883.'"

Lasiacis Harrisii Nash, Torreya 13: 274. 1913.

"At high elevations in Jamaica. Type collected in the vicinity of Cinchona by Delia W. Marble.... no. 222."

Jamaica

Valid W. I. Grasses

Lasiacis lancifolia Swallen, Carnegie Inst. Washington Publ. 436: 349. 1934.

"Type in the U. S. National Herbarium, No. 1,537,246, collected along trail in rocky hills south of Puna, Yucatan, Mexico July 22-23, 1932, by Jason R. Swallen (no. 2664).

aff. *Lasiacis ruscifolia*

Lasiacis leptostachya Hitchc. Contr. U. S. Nat. Herb. 22: 19. pl. 16. 1920.

"Type in the U. S. National Herbarium no. 975428, collected in jungle, Jinotepe, Nicaragua, Nov. 7, 1911, by A. S. Hitchcock (no. 8718)."

Central America

Lasiacis liebmanniana (Fourn.) Hitchc. Proc. Biol. Soc. Washington 24: 145. 1911.

Based on "*Panicum liebmannianum* Fourn."

Liebmann 299.

Mexico

Lasiacis ligulata Hitchc. & Chase, Contr. U. S. Nat. Herb. 18: 337. 1917.

"Type in the U. S. National Herbarium, nos. 865564 and 865565 (both specimens from the same individual), collected among bushes along stream, St. Anns, near Fort of Spain, Trinidad, November 28, 1912, by A.S. Hitchcock (no. 10007)."

Man. W. I.

Lasiacis linearis Swallen, Phytologia 4: 427. 1953.

Type in the herbarium of the Chicago Natural History Museum, No. 1,044,422, collected in pine-covered canyon bordering Rio Lima, Sierra de las Minas, below Finca Alejandria, Zacapa, Guatemala, Oct. 14, 1939, by Julian A. Steyermark (No. 30,046).

Lasiacis longiligula Swallen, Ann. Missouri Bot. Gard. 30: 232. 1943.

"Panamá: Río Indio, trail towards Chico, Jan. 12, 1935, Steyermark & Allen 17435 (U. S. Nat. Herb., Type)."

Lasiacis lucida Swallen, Ann. Missouri Bot. Gard. 30: 231. 1943.

"Chiriquí: Volcan de Chiriquí, above Sabana de El Salto, on trail to Camp Aguacatal, alt. 1500-1750 m., March 10-13, 1911, Maxon 5266 (U. S. Nat. Herb., Type)."

Panama

Lasiacis maculata (Aubl.) Urban, Symb. Antill.

8: 751. 1921.

Based on *Panicum maculatum* Aubl.

French Guiana, South Amer.

(Dear?)

= *Lasiacis sorghoidea* H. & C.

Lasiacis maxoni Swallen, Ann. Missouri Bot. Gard. 30: 231. 1943.

"Chiriquí: El Boquete, in thickets along wet trail, 1000-1300 m. alt., March 2-8, 1911, Maxon 4999 (U. S. Nat. Herb., type)."

Panama

Lasiacis oaxacensis (Steud.) Hitchc. Proc. Biol. Soc. Washington 24: 145. 1911.

Based on "*Panicum oaxacense* Steud."

Mexico

Lasiacis papillosa Swallen, Carnegie Inst. Washington Publ. 436: 349. 1934.

"Type in the U. S. National Herbarium, No. 1,537,226, collected in brush at Peto, Yucatan, Mexico, July 26-27, 1932, by Jason R. Swallen (no. 2707)."

aff. *Lasiacis rugelii* (Griseb.) Hitchc.

Lasiacis patentiflora Hitchc. & Chase, Contr. U. S. Nat. Herb. 18: 338. 1917.

"Type in the U. S. National Herbarium, no. 865566, collected in the edge of woods on a mountain side, center of the island of Tobago, December 20, 1912, by A. S. Hitchcock (no. 10268)."

Man. W. I.

Lasiacis procerrima (Hack.) Hitchc. Proc. Biol. Soc. Washington 24: 145. 1911.

Based on "*Panicum procerrimum* Hack."

Costarica (Pittier nr. 8819)

Lasiacis rhizophora (Fourn.) Hitchc. Proc. Biol. Soc. Washington 24: 145. 1911.

Based on "*Panicum rhizophorum* Fourn."

Mexico

Orizaba (Bourg. n. 3025)

Lasiacis Rugelii (Griseb.) Hitchc. Bot. Gaz. 51: 302. 1911.

"*Panicum Rugelii* Griseb."

Man. W. I.

Cuba (Rugel 188)

Lasiacis ruscifolia (H.B.K.) Hitchc. Proc. Biol. Soc. Washington 24: 145. 1911.

Based on "*Panicum ruscifolium* H.B.K."

Mexico

Lasiacis scabrior Hitchc. Proc. Biol. Soc. Washington 40: 85. 1927.

"Type in the U. S. National Herbarium, No. 725618, collected on the border of forest at Cubilquitz, Guatemala, alt. 350 meters, Feb. 1913, by H. von Tuerckheim (no. 4036)."

Lasiacis Sloanei (Griseb.) Hitchc. Bot. Gaz. 51: 302. 1911.

"*Panicum Sloanei* Griseb."

Man. W. I.

Lasiacis sorghoidea (Desv.) Hitchc. & Chase, Contr. U. S. Nat. Herb. 18: 338. 1917.

Panicum sorghoideum Desv.

Man. W. I.

Puerto Rico

Lasiacis standleyi Hitchc. Proc. Biol. Soc. Washington 40: 86. 1927.

"Type in the U. S. National Herbarium, no. 1307185, collected in moist forest, at La Tejona, north of Tilarán, Province of Guanacaste, Costa Rica, alt. 600 to 700 meters, Jan. 25, 1926, by Paul C. Standley and Juvenal Valerio (no. 45839)."

Costa Rica

Lasiacis Swartziana (Hitchc.) Bot. Gaz. 51: 302. 1911.

Based on "*Panicum Swartzianum* Hitchc."

Jamaica

Man. W. I.

Lasiacis velutina Swallen, Ceiba 4: 288. 1955.

Type in the U. S. National Herbarium, No. 2,076,656, collected on road to San Antonio from El Zamorano, Dept. Morazan, Honduras, October 17, 1951, by Jason R. Swallen (No. 10834).

Lasiagrostis alpina F. Schmidt, Reisen. Amure 73. 1868.

"Auf dem kahlen Berge an der Bureja-Quelle" [Amurlande]

Asia

= *Stipa*

Lasiagrostis argentea Link, in A. Braun, Ind. Sem. Hort. Berol. 4. 1857. nom. nud.

In Link, Hort. Berol 1: 99. 1827 is "*54 Lasiagrostis*" generic description, no species mentioned.

In Link, Hort. Berol 2: 245. 1833 is "*54 Lasiagrostis*" 1 species L. *Calamagrostis* H. b. 1: 99. *Stipa Calamagrostis*, Mert. Koch. germ. 1: 533. Gaudin helv. 1. 172. *Calamagrostis argentea*, Cand. fr. 3. 25. *Arundo speciosa*, Tenore syll. 42. [that is all, nothing to identify it]

Lasiagrostis australis Zoll. & Mor. in Moritz, Syst. Verz. Zoll. 101. 1845-46. described.

"In rupibus montium Gedeh et Pangerango usque ad alt. 9000's.m. Febr. 1844. Java no. 1916.

Java

= *Stipa*

Lasiagrostis bromoides (L.) Nevski & Roshev. in Komarov, Fl. U.R.S.S. 2: 72, pl. 6. fig. 7-9. 1934.

Based on *Agrostis bromoides* L.

= *Stipa*

Lasiagrostis caduciseta Kitagawa, Journ. Jap. Bot.

17: 234. 1941.

Cites: "*Stipa caduciseta* Kitagawa, nom. altern."

"China bor.: Prov. Cha-har ...prope Lung-ku-shan... in arenosis (Okada, Jul. 3, 1940 -- Typus)."

= *Stipa*

Lasiagrostis calamagrostis (L.) Link, Hort. Berol.

1: 99. 1827.

Based on *Agrostis calamagrostis* Linn.

= *Stipa calamagrostis*

Lasiagrostis calamagrostis var. *colorata* Pančić,

Verhandl. zoolog. botan. Gesellsch. Wien 6: 597. 1856.

Basis of *Stipa calamagrostis* var. *colorata* (Panč.) Maly.

Bosnia - Herzegovina

Lasiagrostis calamagrostis var. *major* Parl. Fl. Ital.

1: 162. 1848.

"comunicata dal Gasparrini ...Calabria."

Italy

= *Stipa*

Lasiagrostis Calamagrostis var. *Pančićii* Adamović,

Magyar Bot. Lapok 3: 137. 1904.

"Prope Rogavčina (distr. Krušev.) in rupestribus submontanis." [Serbia]

Europe

= *Stipa*

Lasiagrostis calamagrostis var. *transsilvanica* Schur.

Enum. Fl. Transs. 742. 1866. Error for *Lasiagrostis*

"Auf den Rodnaer Gebirgen. Jul. 1853."

Rumania

= *Stipa*

Lasiagrostis capensis Nees, Fl. Afr. Austr. 167. 1841.

"In Hottentotthollandia (Stellenbosch), in districtu Zwellendam et George ad Gauritzrivier fluvium legit Mndt (Herb. Reg. Berol.); in deserto Karro, in nemoribus ad flumen Gauritzrivier (George), ad flumen Zwartkopsrivier, ...et ad praedium Pauli Maré, tum prope adom (Uitenhage) et inde ad flumen Zondagerivier (Ecklon, Drège); in collibus ad Grahamstown... (ceded Territory)...ad flumen Brakrivier iuxta flumen Klein Vischrivier... (Ceded Territory) et inter frutices ad Modderfontein iuxta flumen Brakrivier... (Drège)"

So. Africa

= *Stipa*

Lasiagrostis caragana Trin. & Rupr. Mém. Acad. St.

Pétersb. VI. Sci. Nat. 54: 90. 1842.

Based on "*Stipa caragana* Trin."

near the Caspian W. Asia

Lasiagrostis elongata Nees, Fl. Afr. Austr. 168. 1841.

= *Stipa elongata*

"In sylvis primaevae Krakakammae... (Uitenhage)... (Drège)."

So. Africa

Lasiagrostis gigantea Trin. & Rupr. Mém. Acad. St.

Pétersb. VI. Sci. Nat. 54: 96. 1842.

Based on "*Stipa gigantea* Link."

Portugal

Lasiagrostis jacquemontii Munro & Aitch. Journ. Linn.

Soc. 18: 107. 1880.

Based on "*Stipa jacquemontii* Gaub. & Sp."

Kashmir, Asia

Lasiagrostis longearistata (Boiss. & Hausskn.) Roshev.

& Nevski in Komarov, Fl. U.R.S.S. 2: 73. pl. 6. f.

1-6. 1934.

Based on *Piptatherum longearistatum* Boiss. & Hausskn.

U.S.S.R.

Lasiagrostis mongolica (Turcz.) Trin. & Rupr. in Mém.

Acad. Petersb. Ser. VI. 54: 87. 1842.

Based on *Stipa mongolica* Turcz.

Transbaikal, Asia

Lasiagrostis Nevskii Roshev ex Komarov, Fl. U.R.S.S.

2: 73. 1934, as syn. of *L. longearistata* Roshev. &

Nevski.

= *Stipa*

Lasiagrostis Redowskyi (Trin.) Waron. in Grossh. Fl.

Kavkaza 1: 69. 1928, in Russian.

Presumably based on *Stipa Redowskyi* Trin.

U.S.S.R.

Lasiagrostis ? splendens (Trin.) Kunth, Rév. Gram.

1: 58. 1829.

Based on "*Stipa splendens* Trin."

= " " " "

Siberia

Lasiagrostis subsessiliflora Rupr. Sert. Trausch. 35.

Mém. Acad. St. Pétersb. VII. 14: 35. 1869.

Siberia

Lasiagrostis tenacissima Trin. & Rupr. Mém. Acad. St.

Pétersb. VI. Sci. Nat. 54: 94. 1842.

Based on "*Stipa tenacissima* Linne."

= " " " "

Spain

Lasiagrostis tremula Rupr. Sert. Trausch. 35. Mém.

Acad. St. Pétersb. VII. 14: 35. 1869.

= *Stipa*

Siberia

Lasiagrostis variegata Meyer, Chlor. Hanov. 654. 1836.

"Grafschaft Hohnstein: am südlichen Harzrande, z. B. im Windenhäuser Holze."

[Germany]

as syn. *Melica ciliata*

Lasiocloa adscendens var. *gracilis* Nees, Fl. Afr.

Austr. 1: 436. 1841.

"in Zwartland et in monte Paardeberg (Stellenbosch), Ecklon."

Orange River Colony

Union of So. Afr.

Lasiocloa alopecuroides Hack. Contr. Herb. Boiss.

3: 393. 1895.

"Natal: Karkloof (Rehm)."

Africa

"remote aff. *L. utriculosae* Nees."

Lasiocloa capitata (L.) Druce, Rep. Bot. Soc. & Exch.

Club Brit. Isles 1916: 631. 1917.

Based on *Dactylis capitata* L.

Cape Good Hope, Africa, Sparrmann

Lasiocloa ciliaris Kunth, Rév. Gram. 1: Suppl. XXXI.

1830. (Kunth, Rév. Gram. 2: 555. pl. 192, excl.

syn. 1832)

Based on a specimen in the "herbier royal de Berlin le nom de '*Dactylis ciliaris* Thunb.'"

Based on *Dactylis ciliaris* Thunb. but described and figured as a totally different species of *Lasiocloa*...

Southern Africa

= *L. echinata* (Thunb.) Henr.

Lasiocloa echinata (Thunb.) Henr. Blumea 4: 502. 1941.

(Same comb. made by Adamson, Journ. So. Afr. Bot.

8: 272. 1942.)

Based on *Alopecurus echinatus* Thunb. "Kunth's *Lasiocloa ciliaris* based on *Dactylis ciliaris* Thunb. but described and figured as a totally different species of *Lasiocloa* must bear another name in that genus"

Bomae Spei Africes....collegit Carol. Pet. Thunberg

Africa

Lasiocloa hirta (Schröd.) Kunth, Rév. Gram. 1: Suppl.

XXXI. 1830. (Kunth, Rév. Gram. 2: 559. pl. 194.

1832.)

Based on "*Dactylis hirta* Schröd."

Cape Good Hope, Africa, Hassé

Lasiocloa hirta var. *glaucescens* Nees, Fl. Afr. Austr.

1: 435. 1841.

"In editoribus rupestribus montium Kamiesbergen prope Kuil... (Drège)."

[So. Africa]

Lasiocloa hirta var. *infraea* Nees, Fl. Afr. Austr.

1: 435. 1841.

"in monte Leonis (Bergius in Herb. Reg. Berol.)"

So. Africa

Lasiocloa hispida (Thunb.) Kunth, Rév. Gram. 1: Suppl.

XXXI. 1830. (Kunth, Enum. Fl. 1: 388. 1831

sub "*Species Rubiae*") Nees, same 1841, citing

Kunth, 1833.

Based on "*Dactylis hispida* Thunb."

= *L. longifolia* var. *hispida* (Thunb.) Stapf

Cape Good Hope, Africa, Thunberg

Lasiocloa hispida var. *brevifolia* Nees, Fl. Afr. Austr.

1: 433. 1841.

"---Districtus Capensis et Hottentott.hollandiae (Stellenbosch), Ecklon, Mndt, Ludwig; in Dist. George (Mndt in Herb. Reg. Berol); Zwartkopsrivier, (Drège)

incurva } same citations for both.

brevifolia }

[So. Afr.]

Lasiocloa adscendens (Schröd.) Kunth, Rév. Gram. 1:

Suppl. XXXI. 1830. (Kunth, Enum. Fl. 1: 388.

1833)

Based on: "*Dactylis adscendens* Schröd. ex Schult."

"In Fromont. b. Spei. Hesse."

Cape Good Hope, Africa

Lasiochloa hispida var. *incurva* Nees, Fl. Afr. Austr. 1: 432. 1841.

var. "in arenosis Districtus Capensis et Hottentotthollandiae (Stellenbosch) Ecklon, Mundt, Ludwig; in Districtu George, (Mundt in Herb. Reg. Berol): inter frutices in agris ad flumen Zwartkopsrivier, (Drège)."

incurva p. 432 same citations for both
brevifolia p. 433

[So. Afr.]

Lasiochloa hispida var. *longifolia* (Schröd.) Nees, Fl. Afr. Austr. 1: 433. 1841.

"*Dactylis longifolia* Schröd."

Cape Good Hope, Afr.

Lasiochloa hispida var. *longiglumis* Nees, Fl. Afr. Austr. 1: 433. 1841.

"ad Waterfall prope Tulbagh---(Worcester)---Districtus Capensis (Ecklon); ---Bergius in Herb. Reg. Berol.); ---Mt. Leonis (Pappe in Herb. Lehm.); ---Hottentotthollandia, Bergivier et Zwartland---"

[So. Africa]

Lasiochloa laevis (Thunb.) Kunth, Rév. Gram. 1: Suppl. XXI. 1830. (Kunth, Enum. Pl. 1: 388. 1833)

Based on *Dactylis laevis* Thunb.

Cape Good Hope, Africa (Thunberg)

Lasiochloa longifolia (Schröd.) Kunth, Rév. Gram. 1: Suppl. XXI. 1830. (Kunth, Rév. Gram. 2: 557. pl. 193. 1832)

Based on *Dactylis longifolia* Schröd.

Cape Good Hope, Africa

Lasiochloa longifolia var. *hirta* (Schröd.) Adamson, Journ. So. Afr. Bot. 8: 272. 1942.

Based on *L. hirta* Kunth, which is based on *Dactylis hirta* Schröd.

Cape Good Hope, Africa, Hesse

Lasiochloa longifolia var. *hispida* (Thunb.) Stapf in Thiselt.-Dyer, Fl. Cap. 7: 699. 1900.

"*L. hispida*, Kunth, Enum. 1. 388; Africa" which is based on *Dactylis hispida* Thunb. cited.

Cape Good Hope, Africa, Thunberg

Lasiochloa longifolia var. *pallens* Stapf in Thiselt.-Dyer, Fl. Cap. 7: 699. 1900.

"Coast Region: Vanrhynsdorp Div.; near Ebenezer, below 100 ft. Drège!" Africa

[So. Africa]

Lasiochloa obtusifolia Nees, Fl. Afr. Austr. 430. 1841.

"Locis aridis agrorum ad flumen Zwartkopsrivier... et in calcareis ad Zwartkopsrivier... fluvium... (Vitenhage), Drège."

Cape Colony, Afr.

Lasiochloa ovata Nees, Fl. Afr. Austr. 431. 1841.

"Crescit probabiliter promiscua cum praecedente [*L. obtusifolia*] cuius speciminibus admixta et huius speciei specimina vidi in herbario Dregeano."

So. Africa

Lasiochloa pectinata Trin. Gram. Icon. 3: "Corrigenda et emendanda tab. 73. "*Phalaris dentata* Thgb.---dicenda

Lasiochloa pectinata 1836." ex Pritz. Icon. Ind.

1: 620. 1866.

Chiloachloa dentata Trin. cited this based on *Phalaris dentata* Thunb. [but Trinius' description and figure are *Phalaris dentata* L.f. 1781, not *P. dentata* Thunb. 1794.

Lasiochloa planifolia Trin. ex Steud. Nom. Bot. ed. 2. 2: 12. 1841, nom. nud. "Trin mpt."

Lasiochloa serrata (Thunb.) Kunth, Rév. Gram. 1: Suppl. XXI. 1830. (Kunth, Enum. Pl. 1: 388. 1833)

Based on "*Dactylis serrata* Thunb."

Cape Good Hope, Africa, Thunberg, Coll.

Lasiochloa ustuloides E. Meyer in Drège, Zweif. Pfl.

Docum. 92. 1843, nom. nud.

[error for *utriculosa*]

Lasiochloa utriculosa Nees, Fl. Afr. Austr. 436. 1841.

"In saxosis (in der Fort) faucium montanarum ante Nosgas....(Drège)."

So. Africa

Lasiochloa villosa (Thunb.) Kunth, Rév. Gram. 1: Suppl. XXI. 1830. (Kunth, Enum. Pl. 1: 388. 1833)

Based on "*Dactylis villosa* Thunb."

Cape Good Hope, Africa, Thunberg

Lasiolytrum hispidum (Thunb.) Steud. Flora 29: 18. 1846.

Based on *Phalaris hispida* Thunb.

= *Arthraxon ciliaris* ssp. *langedorffii* (Trin.) Hack.

Japan

Lasiolytrum pilosum Steud. ex Jord. Mem. Soc. So. Nat.

Cherb. 5: 299. 1857, rom. nud.

= *Arthraxon* probably, not in Hack.

Lasiorrhachis hildebrandtii (Hack.) Stapf, Hook. Icon. Pl. 32: 3124. 1927.

Based on *Andropogon hildebrandtii* Hack.

Madagascar, Hildebrandt 3755.

Lasiostega humilis Rupr. ex Benth. Fl. Hartw. 347. 1857.

error for *Casiostega* Rupr.

Hartweg 250. Mexico

= *Buchloe* *dactyloides*

Lasiurus hirsutus Boiss. Diagn. Pl. ser. 2. 4: 146. 1859.

Based on "*Rottboellia hirsuta* Vahl," Symb. Bot. 1: 11. 1790.

"*Triticum aegilopoides* Forsk." cited.

Alexandria, Egypt.

[this not cited by Hackel]

Lasiurus maitlandii Stapf & Hubb. Kew Bull. Misc. Inf. 1927: 264, illus. 1927.

"Tropical Africa. Uganda: Serere, in stony grasslands subject to burning, ...July 1926, Maitland 1282."

Lasiurus scindicus Henr. Blumea 4: 514. 1941.

"British India: Scind, leg. Stocks, Herb. Ind. Or. Hook. fil. et Thomson. Typus in H.L.B. sub no. 90887-853."

[Leiden]

Latipes inermis Chiov. Fl. Nov. Minus Not. Aethiop. 22. 1928.

"Somalia media - Sultanato di Obbia, duna di Obbia 16. IV. 1924 (Fucconi e Stefanini n. 354[406])."

Africa

Latipes senegalensis Kunth, Rév. Gram. 1: 261. pl. 42. 1830.

"*Tragus senegalensis*...Gay, mss." "Crescit in Senegalia."

Senegal, Africa

Latipes senegalensis var. *tuberculatus* Chiov. Nov. Giorn. Bot. Ital. 36: 371. 1929.

"Chiovenda, E. 1951, Missione Biologica Sagan-Omo-Monocotiledoni II. [p. 92.] Webbia 8: 92. 1951."

Africa

Leontella madagascariensis Camus, Compt. Rend. Acad. Sci. (Paris) 181: 567. 1925.

[See Hook.f. Icon. Pl. 32: (tab. 3123). 1927. for plate]

"Cette espèce a été récoltée à Madagascar, dans le Massif de l'Andringitra, ...par M. Ferrier de la Bâthie, et distribuée sous les nos. 10816 et 13598."

Leersia abyssinica Hochst. ex Rich. Tent. Fl. Abyss. 2: 356. 1851.

"in pl. Schimp. Abyss., sect. III, no. 1823."

"Crescit in locis paludosis planitie montanae Chiré... (Schimper)."

Abyssinia

Leersia aegyptiaca Fig. & De Not. Mem. Acc. Torin. Ser. II. 14: 317. 1854 (Separate 1853)

"In arvis humidis Deltae."

Egypt.

Leersia aristata (Retz.) Roxb. Hort. Beng. 26. 1814, nom. nud.

"Found growing on the surface of deep, standing, sweet water, in the vicinity of Calcutta."

India

= *Pharus aristatus* Retz.

= *Hygroryza aristata* (Retz.) Nees.

Leersia aspera Nees ex Trin. Mem. Acad. St. Pétersb. VI. Sci. Nat. 3⁴: 168. 1840, as syn. *Leersia monandra* Sw.

= *L. monandra* Swartz

Jamaica

Leersia asperima Willd. ex Trin. Mem. Acad. St. Pétersb. Ser. VI. Sci. Nat. 3⁴: 171. 1840, as syn. *Leersia oryzoides* Sw.

Virginia

= *L. oryzoides*

Man. U. S.

Leersia australis R. Br. Prod. 210. 1810.

"(J. T.) apud Portum Jackson inclusis ripis aestuarii Hunter's River vel Coal River."

"*Littora Novae Hollandiae intra tropicum*."

= *L. hexandra* Swartz

Leersia brasiliensis Spreng. Nov. Prodr. [Cent. Sp. Min. Cogn.] Hort. Hal. 47. [1818]

"Habitat in Brasilia. Otto."

Leersia oapensis C. Muell. Bot. Zeit. 14: 345. 1856.

"Patria. From. bonae spei, Uitenhagen, ubi specimen nostrum R. C. Alexander Anglicus 1847 legit."

= *L. hexandra*

So. Africa

Leersia ciliata Roxb. Fl. India, ed. Carey 2: 207. 1832.

Based on *Pharus ciliatus* Retz. obs. 5. p. 23. 1789.

Bengal

Leersia oillaris Griff. Notul. 3: 2. 1851.

"In aquosis proveniens inter Munklow et Nowgona in collibus khasiensibus, Nov. 18, 1835. It. Ass. 275."

= *L. hexandra*

Leersia compressa Aug. Chevalier, Rev. Internat. Bot.

Appl. Agric. Trop. 31: 380. 1951.

Oubangui-Chari:---affleuents de la Haute-Sangha, en fleurs et fruits fin décembre 1951

French Equatorial Africa

Leersia contracta Nees, Agrost. Bras. 516. 1829.

"Habitat ad S. Tarido Uruga Brasiliae meridionalis. (Sellow.)...(Vidi in Herb. Reg. Berol.)"

= *L. hexandra*

T

Leersia debilis Bal. & Poitrass, Bull. Soc. Hist. Nat.

Toul. 12: 220. 1. f. 1. 1878.

"Hab. Paraguay: Forêts à l'Est de la Cordillère de Villa-Rica, au N.-E. de Caaguazu. Exsicc. B. Balansa...1874-77, no. 266."

Leersia digitata Poir. in Lam. Encyc. Suppl. 3: 329.

1813.

Based on *Asperella digitaria* Lam.

= *Digitaria sanguinalis*

S. Amer.

T

Leersia disticha Benth. ex Hook. Niger Fl. 556. 1849.

"On the Nun River, Vogel."

Trop. Africa

Leersia distichophylla Bal. & Poitrass, Bull. Soc. Hist.

Nat. Toulou. 12: 221. 3. 1. f. 2. 1878.

"Exsicc. B. Balansa...1874-77, no. 265. Paraguay: ...Cerro-Hu, près de Paraguari; forêts à l'Est de la plaine de Doña-Juana, près de Villa-Rica"

Paraguay

Leersia drepanothrix Stapf, Journ. de Bot. 19: 107. 1905.

"Pobéguin 495"

"Guinée française: Kouroussa."

Africa

Leersia dubia Areschoug, Kgl. Sven. Fregatt. Eugenies

Rosa Bot. 3: 115. 1910.

Described as "*monandra*"

Ecuador: circa Guayaquil, N. J. Andersson collector, in 1852.

= *L. hexandra*

Andes Gr.

Leersia elongata Willd. ex Trin. Mém. Acad. St. Pétersb. VI.

Sci. Nat. 3⁴: 172. 1840, as syn. *L. mexicana*

Kth. [H.B.K.]

= *L. hexandra*

Leersia ferax Figar. & De Not. Mem. Acad. Torino. Ser.

II. 14: 319. 1854 (Separate 1853)

= *L. hexandra*

"In Nubia superiore ad amnem coeruleum."

Africa

Leersia friesii Melderis, Svensk Bot. Tidskr. 40: 225.

f. 1-6. 1946.

"Hab. Kongo: Katanga, ad rivulum Bulele (IX. 1911, Rob. E. Fries 527)."

Africa

aff. *L. hexandra*

Leersia glaberrima Trin. Mém. Acad. Sci. St. Pétersb. VI.

Sci. Nat. 3⁴: 173. 1840.

Nepal. (Walllich!) India

"173. 1839 Ind. Kew 3: 48. 1894. Texas" error.

"Trin. Mem. Acad. Pétersb. Sér. VI. (1839) 173 Texas."

Leersia gouini Pourn. ex Hems1. Biol. Cent. Amer. Bot.

3: 514. 1885, nom. nud.; Pourn. Mex. Fl. 2: 2. 1886.

"In littore arenoso prope Vera Cruz (Gouin, Cal. n. 5700)."

Mexico

T

= *L. hexandra*

Leersia gracilis Willd. ex Trin. Mém. Acad. St. Pétersb.

VI. Sci. Nat. 3⁴: 173. 1840, as syn. *Leersia*

australis Brown

= *L. hexandra*

Leersia grandiflora (Döll) Prodehl, Bot. Archiv. Mez,

1: 219. 1922.

same Hitchc. 1927, Proc. Biol. Soc. Wash. 40: 83. 1927

Based on *Oryza monandra* var. *grandiflora* Döll.

Brazil

Leersia griffithiana C. Muell. Bot. Zeit. 14: 345. 1856

"Bengalia: Griffith legit."

India

= *L. hexandra*

Leersia Hackellii Keng, Sinensia 11: 412. 1940.

Hackel's type is Tokyo, Japan, Matsumura 89 - see Types.

Based on *Leersia oryzoides* var. *japonica* Hack. ... not *Leersia japonica* Makino 1892. no descr.

Cited by Keng but not type of *L. oryzoides* var. *japonica* Hack.

Leersia hexandra Swartz, Prodr. Veg. Ind. Occ. 21. 1788.

"Jamaica"

Leersia hexandra var. *abyssinica* Dur. & Schinz, Consp.

Fl. Afr. 5: 789. 1894.

Based on *L. abyssinica* Hochst.

Abyssinia

Leersia hexandra var. *aegyptiaca* Dur. & Schinz, Consp.

Fl. Afr. 5: 789. 1894.

Based on *L. aegyptiaca* Fig. & De Not.

Egypt

Leersia hexandra var. *australis* Dur. & Schinz, Consp.

Fl. Afr. 5: 789. 1894.

Based on *Oryza australis* Al. Braun (ubi ?) ex Schweinf.

....

Africa

Leersia hexandra var. *ferox* Dur. & Schinz, Consp. Fl.

Afr. 5: 789. 1894.

Based on "*L. ferox* Fig. & De Not"

Nubia, Africa

Leersia hexandra var. *mauritanica* Dur. & Schinz, Consp.

Fl. Afr. 5: 790. 1894.

L. mauritanica Salzm.

Leersia imbricata Poir. in Lam. Encycl. Suppl. 3: 329.

1813.

"croît dans la Caroline; elle m'a été communiquée par M. Bosc."

Carolina

= *L. virginica*

Man. U. S.

Leersia japonica Makino, Bot. Mag. Tokyo 6: 48. 1892, without description; op. cit. 39: 37. 1925, as syn. *Homalocenchrus japonicus* Honda, Latin description.

Makino in Honda, Journ. Fac. Sci. Univ. Tokyo III 3: 7. 1930. Latin description of *Homalocenchrus japonicus* Honda copied.

"Hondo: Iyoda, prov. Musashi (T. Makino); Utani, prov. Biokun (H. Saraki, no. 466, anno 1914); Nagano, prov. Suo (J. Nikai no. 838, anno 1901). Shikoku: Kochi, prov. Tosa (T. Makino). Kiusiu: Shiota, prov. Buzen (J. Matsumura, no. 13, anno 1882.)"

Type not designated. (prov. Tosa (T. Makino) only coll. cited in 1892.)

Leersia japonica (Honda) Makino ex Honda, Journ. Fac.

Sci. Univ. Tokyo III 3: 7. 1930.

Based on *Homalocenchrus japonicus* Honda, Bot. Mag. Tokyo 39: 37. 1925.

"Hondo: Iyoda, prov. Musashi (T. Makino); Utani, prov. Biokun (H. Saraki, no. 466, anno 1914); Nagano, prov. Suo (J. Nikai, no. 838, anno 1901).

Japan

Leersia latifolia Willd. ex Steud. Nom. Bot. ed. 2.

2: 21. 1841; as syn. *Maltebrumia leersioides*

Madagascar.

Leersia lenticularis Michx. Fl. Bor. Amer. 1: 39. 1803.

"Hab. in paludosis Illinoensis" Michaux.

Man. U. S.

Leersia ligularis Trin. Mém. Acad. St. Pétersb. VI.

Sci. Nat. 3⁴: 168. 1840.

"Mexico, prope Jalapam, in sylvis montis Macultepec (Schiede)"

Leersia luzonensis Presl, Reliq. Haenk. 1: 207. 1830.

"Hab. in insula Luzonia."

Philippines

Leersia mauritanica Salzm. ex Trin. Mém. Acad. St.

Pétersb. VI. Sci. Nat. 3⁴: 174. 1840.

"Egypt. Tingit."

Leersia mexicana H.B.K. Nov. Gen. & Sp. 1: 195. 1816.

"Crescit in convalle Mexicana inter Chalco et Xochimilco, alt. 1168 hexap." Humb. & Bonpl.

= *L. hexandra*

T.

Leersia mexicana [H.B.K. misappl. by ?Rupr.] in Bull.
Acad. Brux. 9: 245. 1842, nom. nud.

T = hexandra

Leersia monandra Swartz, Prod. Veg. Ind. Occ. 21. 1788.

"Jamaica"

Man. W. I.

Leersia omoothrix C. E. Hubb. Kew Bull. Misc. Inf.
1934: 263. 1934.

"Northern Rhodesia, Kalomo, in wet vlel on rather
sour soil, 1200 m., March 1932, Trapnell 993."

aff. *L. drepanotrichi* Stapf

Leersia oryzoides (L.) Swartz, Prodr. Veg. Ind. Occ. 21. 1788.

Based on "*Phalaris oryzoides* L."

Virginia Man. U. S.

Leersia oryzoides "Linn." ex St. Lager in Carlet, Stud.
des. fl. ed. VIII. 2: 899. 1889.

= *L. oryzoides* (L.) Sw.

Leersia oryzoides f. *glabra* A. A. Eaton, Rhodora
5: 118. 1903.

"Newburyport, Mass."

= *L. oryzoides* Man. U. S.

Leersia oryzoides f. *inclusa* (Wiesb.) Dörfl. Herb.
Norm. Sched. Cent. 55/56: 164. 1915.

[*Leersia oryzoides* var. *inclusa* Wiesb.; Grossh. Fl.
Kavkaza 1: 61. 1928, in Russian. Caucasus.]

Cites: *Oryza clandestina* f. *inclusa* Wiesb. apud
Baenitz

O. clandestina f. *inclusa* Wiesb.

O. patens Wiesb.

Oesterr. Bot. Zeitschr. 27: 351. 1877. Hungary

both names only

Leersia oryzoides f. *inclusa* (Wiesb.) Eames, Rhodora
18: 239. 1916; name, Fogg, Rhodora 30: 84. 1928.
See Dörfl 1915.

Based on *Oryza clandestina* (Weber) A. Br. f. *inclusa*
Wiesb. Baenitz in Deutsche Bot. Monatschr. 15: 19.
1897.

= *L. oryzoides* Man. U. S.

Leersia oryzoides var. *japonica* Hack. ex Matsumura, Bot.
Mag. Tokyo 11: 443. 1897, Japanese notes; Bull.
Herb. Boiss. 7: 645. 1899.

as syn. of *L. japonica* Makino in Chiao, Kiangsu
Grasses 54. 1943.

"Coll. Matsum.: Tokyo." [Japan]

Leersia oryzoides var. *japonica* Hack. f. *latifolia*
(Honda) Ohwi, Fl. Japan 126. 1953.

Based on *L. oryzoides* var. *latifolia* Honda

Japan

Leersia oryzoides var. *latifolia* Honda, Journ. Fac. Sci.
Univ. Tokyo Sect. III, Bot. 3: 8. 1930.

"Kiusiu: in monte Kitadake, prov. Higo (K. Mayebara,
no. 104 et 352, anno 1925)"; first cited.

Japan

Leersia oryzoides var. *patens* Wiesb. ex Grossh. Fl.
Kavkaza 1: 61. 1928, in Russian.

Caucasus U.S.S.R.

Leersia ovata Poir in Lam. Encycl. Suppl. 3: 329. 1813.

"dans l'Amérique septentrionale"

= *L. virginica* Man. U. S. T.

Leersia parviflora Desv. Opusc 61. 1831.

"Crescit in Aegyptiâ."

= *L. hexandra*

Leersia Sayanuka Ohwi, Act. Phytotax. & Geobot.

7: 36. 1938.

"Hab. Hondo: Ogaya in Yotchu (T. Otaya = Typus! in
Herb. Imper. Univ. Kyoto)..."

"is identical with Hackel's var. *japonica* of the
Leersia oryzoides -- Ohwi; see letter in herbarium in
L. japonica. In Fl. Japan *L. sayanuka* Ohwi is re-
ferred to *L. oryzoides* var. *japonica* Hack.

Japan

Leersia Sayanuka var. *latifolia* (Honda) Ohwi, Act. Phytotax. & Geobot. 7: 37. 1938.

Based on *Leersia oryzoides* var. *latifolia* Honda

Japan

Leersia sinensis Hao, Repert. Sp. Nov. Fedde 42: 83.
1937.

"China: Prov. Honan, Hsüchang hsien, um Teich oder
Weiher, K. S. Hao no. 3437 (Typus), blühend am
1. VII. 1932."...

Leersia triandra C. E. Hubb. in Hutch. & Dalziel, Fl.
West Trop. Afr. 2: 538. 1936, short English descr.
only; Kew Bull. Misc. Inf. 1936: 313. 1936, Latin
descr.

"Sierra Leone: Marsh near Konta, between Kasokora
and Bumban (Aug.)! Exsicc. -- Deighton 1241."

Africa

Leersia triniana Sieb. ex Trin. Gram. Unifl. 161. 1824,
no loc.; Trin. Mém. Acad. St. Pétersb. Sci. Nat.
30: 174. 1840.

as syn. of *L. mauritanica* Salzm.

Egypt. Tingit

Leersia virgata Raf. Bull. Bot. Seringe 1: 220. 1830.
nom. nud. [probably error for *L. virginica*]

Basis of *Aplexia* Raf. but name not transferred.

Man. U. S.

Leersia virginica Willd. Sp. Pl. 1: 325. 1797.

"Habitat in America boreali."

Man. U. S.

Leersia virginica var. *brasiliensis* Ekman, Ark. för
Bot. 13: 37. 1913.

[Spreng. not cited]

"In altoplanitie: Curityba, in paludosis, 16. 3. 09,
n. 7905." [Dusén]

Brazil

Leersia virginica var. *ovata* (Poir.) Fernald, Rhodora
38: 386. pl. 440. f. 9-13. 1936.

Based on *L. ovata* Poir.

= *L. virginica*

Man. U. S.

"Amérique septentrionale"
N. America

Leipoea blepharogyna Ohwi, Act. Phytotax. & Geobot.
1: 66. 1932.

Based on *Festuca blepharogyna* Ohwi mss. in Hb. Univ.
vers. Imp. Kyoto, as syn.

"Hab. Korea borealis; in regione alpina montis
Setsurei (26. VI. 1930, J. Ohwi, n. 1861 -- Typus
speciei)."...

Leipoea nuda (Hack.) Ohwi, Act. Phytotax. & Geobot.
1: 67. 1932.

Based on *Poa* ? *nuda* Hack.

Leleba alba Rumph. ex Schult. & Schult. Syst. Veg.
7: 1345. 1830.

no citation [Amboina]

Leleba Amahussana Rumph. ex Schult. & Schult. Syst. Veg.
7: 1346. 1830.

"In Amboina et Manipa."

Leleba amakusensis Nakai, Journ. Jap. Bot. 10: 547.
1934.

"Kiusiu, Insula Amakusa: pede montis Kusazome (H.
Hara, typus in Herb. Imp. Univ. Tokyo)

aff. *Leleba Shimadai*

Leleba Beisitiku Odashima, Journ. Soc. Trop. Agr.
8: 56. f. 3. A.-D. 1936.

"Type specimen: Tanaka Herbarium Taihoku Imp. Uni.,
17722 to 17727 (Type locality, Keisid, Taihoku leg.
Tin, Sept. 2, 1935).

Leleba Beisitiku var. *hirsutissima* Odashima, Journ. Soc.
Trop. Agr. 8: 58. f. 3. E. F. 1936.

"Type Specimen: Tanaka Herbarium, Taihoku Imp. Uni.,
no. 17728 to 17730 (Type locality, Wankan, Tsen,
leg. Odashima & Tin, Sept. 29, 1935)."...

Leleba breviflora (Munro) Nakai, Journ. Jap. Bot.
9: 16. 1933.

"Syn. *Bambusa brevifolia* Munro, Monograph of
Bambusaceae p. 96 (1867)."...

error for *breviflora*

Leleba dolichoclada (Hayata) Odashima, Journ. Soc.
Trop. Agr. 8: 58. f. 4. D.-F. 1936.

same comb. Kanehira, Formosan trees 66. 1936.

same basis

Based on *Bambusa dolichoclada* Hayata

Leleba dolichoclada (Hayata) Nemoto, Fl. Japan Suppl.
863. 1936.

Based on *Bambusa dolichoclada* Hayata

Leleba dolichomerithalla (Hayata) Nakai, Journ. Jap.
Bot. 9: 16. 1933.

Based on *Bambusa dolichomerithalla* Hayata 1916.

Leleba edulis Odashima, Journ. Soc. Trop. Agr.
8: 59. f. 4. A.-C. 1936.

"Type Specimen: Tanaka Herb., Taihoku Imp. Univ.
No. 17731 to 17737 (Type locality, Zyugohun, Taihoku
leg. Odashima & Tin, Sept. 10, 1935)."...

Leleba elegans Koidzumi, Acta Phytotax & Geobot.
3: 27. 1934.

"Hab. in Japonia australe vulgo culta."

Leleba fauriei (Haak.) Nakai, Journ. Jap. Bot. 9: 16.
1933.

Based on *Bambusa fauriei* Haak.

Leleba floribunda (Buse) Nakai, Journ. Jap. Bot. 9: 10,
13. pl. 1. 1933.

Based on *Isachirochloa floribunda* Buse.

Leleba floribunda f. *albo-variegata* (Makino) Nakai,
Journ. Jap. Bot. 9: 12. 1933.*

Based on *Bambusa nana* f. *albo-variegata* Makino 1917.

*garden plant

Leleba lineata Rumph. ex Schult. & Schult. Syst. Veg.
7: 1346. 1830.

Note by A. C.: "genus not described."

"In Amboina exotica in Ternata et Celebe frequentior."

East Indies

Leleba liukiensis (Hayata) Nakai, Journ. Jap. Bot.
9: 16. 1933.

Based on *Bambusa liukiensis* Hayata 1916.

Leleba multiplex (Lour.) Nakai, Journ. Jap. Bot.
9: 14. pl. 2 (p.15). 1933.

Based on *Arundo multiplex* Lour. 1790.

Syn. *Bambusa nana* Roxb. 1824.

= *Bambusa multiplex* (Lour.) Raeusch

Asia

Leleba multiplex f. *Alphonso Karri* Nakai, Journ. Jap.
Bot. 9: 14. 1933.

Based on *Bambusa Alphonso Karri* Satow 1899.

Syn.: B. *nana* var. *Alphonso Karri* Maricao ex Camus,
Karri (1913)
B. " " *normalis* f. *Alphonso*, Makino ex
Tsubo 1914.

Japan

Leleba multiplex var. *elegans* Muroi

---bamboo garden at Kyoto University Japan. Amat. Herb.
(ser. 4) 16 (4): 35 Feb. 20. 1955.

from MoC cards

Leleba multiplex (Lour) Nakai f. *variegata* (Camus)
Nakai, Journ. Jap. Bot. 9: 16. 1933. nom. nud.

Based on *Bambusa nana* var. *variegata* Camus nom. nud.

Japan

Leleba naibunensis (Hayata) Nakai, Journ. Jap. Bot.
9: 16. 1933.

Based on *Arundinaria naibunensis* Hayata 1911.

Syn. *Pseudosasa naibunensis* Hayata 1931.
Bambusa naibunensis Nakai 1932.

Taiwan

Leleba nigra Rumph. ex Schult. & Schult. Syst. Veg.
7: 1346. 1830.

no citation

[Amboina]

Note by A. C.: "genus not described."

Leleba oldhami (Munro) Nakai, Journ. Jap. Bot.
9: 16. 1933.

Based on *Bambusa oldhami* Munro

China Formosa

Leleba pachinensis (Hayata) Nakai, Journ. Jap. Bot.
9: 17. 1933.

Based on *Bambusa pachinensis* Hayata 1916

Leleba picta Rumph. ex Schult. & Schult. Syst. Veg.
7: 1346. 1830.

"---in Amboina ignota, sed in Cerama, Kelanga et
Celebe occurrit---"

Leleba prava Rumph. ex Schult. & Schult. Syst. Veg.
7: 1346. 1830.

"Haec est vulgatissima Leleba, ingentes sylvas in
locis declivibus et circa littus, tam in humidus
quam in siccis formans."

[Amboina]

Leleba rumphiana Kurz in Teyss. & Binn. Cat. Hort. Bogor.
20. 1866, nom. nud.

= *Bambusa lineata*
 o *sylvestris* Rumph. nom. nud.
 a *nigra* " " " "
 y *alba* " " " "
 l *lineata* " " " "
 t *amahussana* " " " "

"Ins. Molucc."

Malay Archipelago

Asia

Leleba rumphiana var. *alba* Rumph. in Teyss. & Binn. Cat.
Hort. Bogor. 20: 1866, nom. nud.

Given, "L. *y* *alba* Rumph. L. poetih."
Nothing else, no descr., no citations.
[A.C. says "L. poetih." probably vernac-
ular names.]

Leleba rumphiana var. *lineata* Rumph. in Teyss. & Binn.
Cat. Hort. Bogor. 20. 1866, without descr.

Given, "L. var. *lineata* Rumph. L. soerat."

Nothing else, no descr., no citations. [A.C. says
L. *soerat* probably vernacular name.]

Leleba rumphiana var. *nigra* Rumph. in Teyss. & Binn.
Cat. Hort. Bogor. 20. 1866, nom. nud.

Given "L. *a* *nigra* Rumph. L. ietam."
Nothing else, no descr., no citations. [A.C. says
"L. ietam" probably vernacular name.]

Leleba rumphiana var. *sylvestris* Rumph. in Teyss. & Binn.
Cat. Hort. Bogor. 20. 1866, nom. nud.

Given "L. *(var)* *sylvestris* Rumph. L. djahat v. L. poopa."
Nothing else, no descr., no citations. [A.C. says
"L. djahat" etc. probably vernacular names.]

Leleba shimadai (Hayata) Nakai, Journ. Jap. Bot.
9: 17. 1933.

Based on *Bambusa shimadai* Hayata 1916.

Leleba tuldoidea (Munro) Nakai, Journ. Jap. Bot.
9: 17. 1933.

Based on *Bambusa tuldoidea* Munro

Leleba virgata Rumph. ex Schult. & Schult. Syst. Veg.
7: 1346. 1830.

as syn. of *L. lineata*

"*L. lineata* & *virgata*"

Leleba vulgaris (Schrad.) Nakai, Journ. Jap. Bot.
9: 17. 1933.

Based on "*Bambusa vulgaris* Schrader ex Wendland"

Leleba vulgaris var. *striata* (Gamble) Nakai, Journ. Jap.
Bot. 9: 17. 1933.

Based on *Bambusa vulgaris* var. *striata* Gamble 1896.

Lenormandia insignis Steud. Flora 33: 229. 1850, nom.
nud.; Syn. Fl. Glum. 1: 359. 1854, as syn.

"*Mandelorna insignis* Steud. in litt. Senagambia"
Lenormandia
not tenable because used earlier for a genus of
Algae.

= *Vetiveria nigriflora* (Benth.) Stapf.

Africa

Senegambia

Lepeocercis annulata Nees, Fl. Afr. Austr. 98, 1841.
[see *Lepeocercis*]

= *Andropogon annulatus*

So. Africa

Lepeocercis bladhii Nees ex Steud. Syn. Fl. Glum.
1: 380. 1854, as syn. *Andropogon bladhii* Retz.

Cf. *Andropogon annulatus*

India

Lepeocercis digitata Nees, Edinb. New Phil. Journ.
18: 185. 1835.

[error for *Lepeocercis*]

Based on *Andropogon incurvatus* Koen... non Retz.
this referred by Hack (p. 569) to *Andropogon cario-*
coccus ssp. *mollicoccus* var. *mollicoccus* (Kunth) Hack.

India

Lepeocercis mollissimus Nees ex Baker, Fl. Maurit 445.
1877, as syn. *Andropogon aristatus* Voir.

= *Andropogon cariococcus* var. *mollicoccus* (Kunth) Hack.
p. 369.

Mauritius

Lepeocercis pertusa Hassk. Fl. Jav. Bar. 54. 1848.

Based on "*Andropogon pertusus* Roxb. Ind. I. 263. 11,
descript. bona, sed spioae 4-7, in nostra 8-13."

L. cited as authority.

= *A. pertusus* (L.) Willd.

India

Lepeocercis serrata Trin. Fund. Agrost. 203. pl. 18.
1820.

Based on "(*Andropogon serratus* Retz.)"

= *Andropogon cariococcus* L.

India

Lepideilema lancifolium Trin. Mém. Acad. St. Pétersb.
VI. Math. Phys. Nat. 1: 93. 1830.

"Brasil"

= *Streptochaeta spicata*

Lepidopironia comohriformis A. Rich. Tent. Fl. Abyss.
2: 442. pl. 101. 1853.

"Grescit in locis montosis provinciae Quodgerate...
(Ant. Petit)."

Abyssinia

Lepiurus incurvatus (L.) Dum. Obs. Gram. Belg. 140.
pl. 15. f. 57. 1823.

Changed from *Lepturus* - footnote 140. *Rottboellia*
incurvatus L. cited.

Europe

= *Parapholis incurva* (L.) C. E. Hubb.

Lepidurus incurvus (L.) Janohen, Wiener Bot. Zeitschr.
93: 85. 1944.

Based on *Aegilops incurva* L.

Europe

= *Parapholis incurva* (L.) C. E. Hubb.
(*Aegilops incurva* L.) Man. U. S.

Bot.

Lepitoma brevifolia Torr. ex Steud. Nom. Ed. II.

2: 29. 1841, as syn. of *Pleuropogon douglasii* Trin.

= *Pleuropogon californica* (Nees) Benth.

Man. U. S.

Calif.

Lepiurus incurvatus (L.) Dum. Obs. Gram. Belg. 140.
pl. 15. f. 57. 1823.

"*Rottboellia incurvatus* L.

Europe

= *Parapholis incurva* (L.) C. E. Hubb.

Europe

Leptagrostis Schimperiana (Hochst.) C. E. Hubb. Kew
Bull. Misc. Inf. 1937: 63. 1937.

Based on *Calamagrostis Schimperiana* Hochst.

Abyssinia

Leptaspis angustifolia Summerh. & Hubb. Kew Bull. Misc.
Inf. 1927: 40, 78. 1927.

"Vanua Levu: Lambasa, about 300ft., Oct., Greenwood,
550! In mountains at about 1200ft., Oct. Greenwood
548! In clumps in thick forest."

Restricted to Fiji

Fiji Islands

Leptaspis banksii R. Br. Prod. 211. 1810.

"(T.) Littora Novae Hollandiae intra tropicum."
Collected on Cook's journey by Banks.

Australia

Leptaspis coohleata Thw. Enum. Pl. Zeyl. 357. 1864.

"Hab. Forests of the Central Province, up to an
elevation of 4000 feet."

Ceylon

Leptaspis comorensis A. Camus, Bull. Mus. Hist. Nat.
30: 513. 1924.

"Iles Comores (Humboldt no. 321)."

Indian Ocean East of Africa

Leptaspis comohifera Haack. Bolet. Soc. Brot. 5: 211.
pl. G. f. A. 1887.

[*Leptaspis* misspelling in Chevalier, Expl. Bot.
L'Afr. Occ. Franco. 1: 753. 1920.]

"Prope Morros de Monte Café ad 850 m. et prope Mongo
ad 480 m. (Moller); Angolares (F. Quintas)."

Angola, Afr.

Leptaspis ? cumingii Steud. Syn. Fl. Glum. 1: 416. 1855.

Philippine Islands

"Sec. specimen incompletum Hrbrii Cuming nr. 1627.
Ins. Philip."

Leptaspis lanceolata Zoll. Syst. Verz. Ind. Archip. 53,
59. 1854.

"H. 2691. In rupestribus pr. Fuger Pr. Bondowosso II.

Java

Leptaspis manillensis Steud. Syn. Fl. Glum. 1: 8. 1854.

= *L. urceolata*

"Hrbr. Cuming. nr. 1739. Ins. Manilla."

Philippines

Leptaspis sessilis Ohwi, Bot. Mag. Tokyo 56: 3. 1942.

"No. 13379 Kaneshira-Hatusima, Momi, in high rain-
forests, alt. 10 m., April 3, 1940."

New Guinea

Leptaspis tararaensis P. Jansen, Reinwardtia 2: 304.
1953.

New Guinea, Tarara, Brass 8584 (type), in the broken
shade of rain-forest.

Leptaspis umbrosa Balansa in Bull. Soc. Bot. France
19: 326. 1872.

"Forets.--Table Unio (Bal. no. 1745); Pancher (sine
loco) no. 622."

Nouvelle-Calédonie

Leptaspis urceolata (Roxb.) R. Br. in Benn. Fl. Jav.
Bar. 23. t. 6. 1838-1852.

Based on "*Pharus urceolatus* Roxb."

India

Leptaspis zeylanica Nees ex Steud. Syn. Fl. Glum.
1: 8. 1854.

= *L. urceolata*

"Ceylon"

Leptatherum Bequaerti (De Wild.) Robyns, Fl. Agrost.
Congo Belge 89. 1929.

Based on *Pollinia bequaerti* De Wild.

Eulalia

"uniquement connue du Haut-Katanga Nieuwdorp."

["Bequaert 391 (type)" with above place given by
Robyns, Bull. Jard. Bot. Brux. 8: 218. 1930]

Leptatherum japonicum Franch. & Sav. Enum. Pl. Jap.
2: 190, 609. 1879.

= *Pollinia* ?

"Hab. in locis humidis, in orizariis: Nippon, circa
Yokoska (Savatier, n. 1507, 2557)."

Abyssinia

Leptocarydion alopecuroides (Hochst.) Stapf in Thiselt.-
Dyer, Fl. Cap. 7: 649. 1900.

"*Diplachne alopecuroides* Hochst. ex Steud.

"ex Steud." is error in Ind. Kew.; published in Jacks.
Ind. Kew. 1: 769. 1893.

Leptocarydion vulpiastrum (De Not) Stapf in Thiselt.-
Dyer, Fl. Cap. 7: 648. 1900.

Based on *Rabdochloa vulpiastrum* De Not.

Nubia

Leptochloa albamarlensis Robins. & Greenm. Amer. Journ.
Sci. III. 50: 145. 1895.

"Collected on South Albemarle Island, July 1891."

[Coll. Baur 341]

Galapagos

Leptochloa anoplia Nees, Linnaea 19: 691. 1847.

"Aschenb. exs. n. 501."

Mexico

Chloris anoplia (Nees) Fourn.

Leptochloa Appletonii Stapf, Kew Bull. Misc. Inf.
6: 223. 1907.

"Colis Range, Brookman 99, 101, 147.

"Grows in valleys round Upper Sheikh & sparingly at
Burao-Appleton."

British Somaliland

Africa

Leptochloa aquatica Scribn. & Merr. U. S. Dept. Agr.
Div. Agrost. Bull. 24: 26. 1901.

"Collected in shallow water near Cuernavaca, State
of Morelos...6664 C. G. Fringle, Aug. 22, 1897."

Leptochloa arabica (Jacq.) Kunth, Rev. Gram. 1: 91.
1829.

Based on "*Dinebra arabica* Jacq."

= " " "

Arabia

Leptochloa arenaria Hochst. & Steud. ex Steud. Nom. Bot.
ed. 2. 2: 29. 1841, nom. nud.

" = *Diplachne arenaria* " also nom. nud.

Leptochloa asthenes (Roem. & Schult.) C. E. Hubb. Kew
Bull. Misc. Inf. 1941: 26. 1941.

Based on *Poa asthenes* Roem. & Schult.

"*Poa imbecillis* R. Br. non G. Forst 1786. *Poa*
asthenes R. & S. Syst. Veg. 2: 574. 1817.

Australia

Leptochloa attenuata (Nutt.) Steud. Syn. Fl. Glum.
1: 209. 1854.

Based on *Oxydenia attenuata* Nutt.

Nuttall. New Orleans, La.

= *Leptochloa filiformis* Man. U. S.

Misspelled *Oxydenia* in Spreng.

Leptochloa bipinnata (L.) Hochst. Flora 38: 422. 1855.

Based on "*Briza bipinnata* L."

L. bipinnata Herb. Berol. ex Baill. Herb. Poiss 2:
1075. 1893. "l'herbier de Berlin a distribué, en
1875 une plante récoltée en Egypt par Ehrenberg."

= *Desmostachya bipinnata*

Africa

Leptochloa brachiata Steud. Syn. Fl. Glum. 1: 209. 1854

"Duhaissing legit in Guadeloupe,"

= *L. filiformis* Man. U. S.

Leptochloa brandegei (Vasey) Hitchc. U. S. Dept. Agr.
Bur. Fl. Ind. Bull. 33: 21. 1903.

Based on *Diplachne brandegei* Vasey
(since place of publ. for this is given) and given
as syn. of *Gouinia brandegei* Hitchc.

Baja Cal.

Leptochloa brandegei Vasey ex Swallen, Amer. Journ. Bot.
22: 41. 1935.

error for *Diplachne brandegei* Vasey as basis of
Chloris brandegei (Vasey) Swallen

Mexico

Leptochloa Brownii C. E. Hubb. Kew Bull. Misc. Inf.
1941: 26. 1941.

Based on *Cynodon polystachyus* R. Br. 1810.

Also basis of *Leptochloa polystachya* Benth. 1878.
Not Kunth 1829.

Australia

Leptochloa burchellii Munro ex Doell in Mart. Fl. Bras.
28: 94. 1878.

"Habitat in prov. S. Paulo (Burchell n. 4462)."

= *Gymnopogon burchellii* (Munro) Ekman

Brazil

Leptochloa ? calycina (Roxb.) Kunth, Rev. Gram. 1: 91.
1829.

Based on "*Eleusine calycina* Roxb."

India

Leptochloa capillacea L. ex Beauv. Ess. Agrost. 71, 166.
1812, nom. nud.

Cites: *Cynosurus capillaceus* L. name only in
Beauv.

Leptochloa chinensis (L.) Nees, Syll. Fl. Ratisb.
1: 4. 1824; Agrost. Bras. 432. 1829.

"*Poa chinensis* R." cited. [Roth, Nov. Fl. Sp. prae-
sertim India orientalis 65. 1821.]

Both cites "Linn. Spec. Plant. ed. Willd. Tom. I.
Pars 1. pag. 395. (Exclusis synonymis Retzii)"

India

Leptochloa chinensis var. *aristata* Buse in Miquel, Fl.
Jungh. 353. 1854.

"Habitat insulam Javas, Jungh."

Leptochloa chinensis var. *suffruticosa* Balansa, Bull.
Soc. Bot. France 19: 319. 1872, nom. nud.

Leptochloa chloridiformis (Haek.) Parodi, Physis
4: 184. f. 5, 6. 1918.

[typographical error given as *Letopohloa*]

Based on *Diplachne chloridiformis* Haek.

Argentina, S. Amer.

Stueckert herb. arg. no. 2329
Rio Seco, Prov. Córdoba

Leptochloa ciliata Peter, Repert. Sp. Nov. Fedde Beih.
40: 263, 264. 1931.

"D O Afr., Victoria-See, Spekegolf: Shisaki! (nur
im Herbar. Amanigesehen)"

Tanganyika, Africa

Leptochloa coerulescens Steud. Syn. Fl. Glum. 1: 209.
1854.

"Legit Leprieur in Senegal."

Senegal, West Africa

Leptochloa contracta (Retz.) Blatter & McCann, Bombay
Grasses 243. 1935.

Based on *Foa contracta* Retz.

"dedit amicis. Koenig." No locality given--India?

Leptochloa coromandelina Steud. Syn. Fl. Glum.
1: 209. 1854.

Type loc.: "Coromandel."

India

Leptochloa cynosuroides Roem. & Schult. Syst. Veg.
2: 579. 1817.

Based on "*Cynosurus filiformis* Vahl"

India

Leptochloa debilis Stapf, Kew Bull. Misc. Inf. 1941: 26.
1941, nom. nud.

"*Eragrostis imbecilla* Benth. Fl. Austral. 7, 643
(1878), quoad descr. et specim., non *Foa imbecilla*
G. Forst. (1786)."

New Zealand

Leptochloa decipiens (R. Br.) Druce, Rep. Bot. Soc.
Exchange Club 1916: 632. 1917.

Based on *Foa decipiens* R. Br.

Australia

Leptochloa digitaria (H.B.K.) Nees, Agrost. Bras.
433. 1829.

Based on "*Chloris digitaria* H.B.K."

[Bonpland Hb. 3587 = *Leptochloa virgata*

"inter pagos Chontali et Colazey, ... (Prov. Jaen de
Bracamoros [Humboldt & Bonpland, Collectors])"

[Not in Grasses Ecuador, etc.]

Peru

Leptochloa digitata (R. Br.) Domin, Bibl. Bot. 85: 379.
1915.

Based on *Foa digitata* R. Br.

Basis of *L. subdigitata* Trin. ex Steud. 1854.

Australia

Leptochloa domingensis (Jacq.) Trin. Fund. Agrost.
133. 1820.

"(*Cynosurus* dom. Jacq.)"

No locality cited. Probably Santo Domingo Man. W.I.
Man. U. S.

W. I.

Leptochloa dubia (H.B.K.) Nees, Syll. Fl. Ratisb. 1: 4.
1824.

Based on *Chloris dubia* H.B.K.

"El Peñon, in convalle Mexicana"
[Humboldt and Bonpland, Collectors]

Mexico

Man. U. S.

Leptochloa dubia var. *pringleana* (Kuntze) Scribn. & Merr.
U. S. Dept. Agr. Div. Agrost. Bull. 24: 27. 1901.

Based on "*Diplachne dubia* var. *pringleana* Kuntze...
(1898)."

Chihuahua, Mexico, Fringle 422

= *Leptochloa dubia* (H.B.K.) Nees Man. U. S.

Leptochloa eragrostoides Steud. Syn. Fl. Glum. 1: 208.
1854.

"Ex. Hrbo. Musci Lugd. Bat. Japonia."

Leptochloa falcata Hack. ex Schinz, Bull. Herb. Boiss.
3: 386. 1895.

"Republica Oranjensis: Olifantsfontein, Bloemfontein;
Transvaal: Boshveld inter Elandsriver et Klippan
(Rehm 3514, 3753, 5118)."

[Union of South Africa]

= *Pogonarthria falcata*

Leptochloa fascicularis (Lam.) A. Gray, Man. 588. 1848.

Based on *Festuca fascicularis* Lam.

South America Man. U. S.

Leptochloa fascicularis Griseb. ex Benth. Journ. Linn.
Soc. Bot. 19: 108. 1881, as syn. of *Panicum sangui-
nale*. Not A. Gray, 1848.

Leptochloa fascicularis var. *acuminata* (Nash) Gleason,
Phytologia 4: 21. 1952.

Synonymy: *Diplachne acuminata* Nash; Britton, Man.
128. 1901; *D. acuminata* Fern. Man. 127.

= *L. fascicularis*

Leptochloa fascicularis var. *maritima* (Bickn.) Gleason
Phytologia 4: 21. 1952.

Synonymy: *Diplachne maritima* Bickn. Bull. Torrey Club
35: 195. 1908, based on the homonym *D.
procumbens* Nash; *D. maritima*, Fern. Man.
127.

= *L. fascicularis*

Leptochloa filiformis (Lam.) Beauv. Ess. Agrost. 71, 161.
166. 1812.

Based on *Eleusine filiformis* Pers. which is presum-
ably based on *Festuca filiformis* Lam.

South America Man. U. S.

Leptochloa filiformis f. *attenuata* (Nutt.) Oates,
Kans. State Col. Agr. Dept. Bot. Contrib. 391: 130.
1940.

Based on *Leptochloa attenuata* Steud.
[*Oxydenia attenuata* Nutt.]

= *L. filiformis*

banks of Miss. near New Orleans Man. U. S.

Leptochloa filiformis var. *attenuata* (Nutt.) Steyer. &
Kucera, Rhodora 63: 26. 1961.

Based on *Oxydenia attenuata* Nutt. 1818.

Louisiana

Leptochloa filiformis var. *remota* Doell. in Mart. Fl.
Bras. 28: 93. 1878.

Gray Herb cards give as [var.]

"in Brasilia adhuc non observata."

[Up to present time not observed in Brazil]

Leptochloa filiformis var. *subuniflora* E. G. & A. Camus,
Bull. Mus. Hist. Nat. (Paris) 25: 672. 1919.

"Tonkin: Hanoi (Balansa no. 4962): Tuyen-quan, colline
du Pin Parasol (Brousseiche)." [Asie Orientale]

French Indo China

Leptochloa floribunda Doell in Mart. Fl. Bras.

20: 89. 1878.

"Habitat ad ripas fluminis Amazonum inter Manaos et Santarem (Spruce)."

Brazil

Leptochloa ? fusca (L.) Kunth, Rev. Gram. 1: 91. 1829.

Based on "*Festuca fusca* Linn."

[Palestine, Asia]

Leptochloa Ginea Maire, Bull. Soc. Hist. Nat. Afr. Nord

28: 284. pl. 39. 1937.

[fig. 316. Maire & Weill. Fl. Afr. Nord 2: 184. 1953]

"Hab. in rupestribus siliceis apricis aridis ad meridiem spectantibus, secus flumen Massa Imperii Marocani austro-occidentalis... Ella a été découverte devant nous, lors de la 6^e Excursion Phytogéographique Internationale, par Mlle Gina Luzatto, à laquelle nous sommes heureux de la dédier."

Africa

Leptochloa gracilis (H.B.K.) Nees, Syll. Fl. Batist.

1: 4. 1824.

Based on *Chloris gracilis* H.B.K.

= *L. domingensis* (Jacq.) Trin.

calidis Provinciae Jaen de Braconeros, prope Tomependa

Peru (See Sandwith)
Not in Grass. Ecuador, etc.

Leptochloa gracilis Wight ex Steud. Syn. Fl. Glum.

1: 213. 1854, as syn. of *Cynodon gracilis* Nees.

"annual, Wight hb. Penins. Ind. Or."

Leptochloa grandiglumis Nees, Fl. Afr. Austr. 252. 1841.

"In gramine inter montes Wittbergen et Kraairivier fluvium... et in saxosis inter Broekpoort et Leeuwenfontein... (Drège)."

Basis of *Crossotropis grandiglumis*

[Union of South Africa]

Leptochloa halei (Nash) Scribn. & Merr. U. S. Dept.

Agr. Div. Agrost. Bull. 24: 27. 1906.

Based on "*Diplachne halei* Nash, 1899."

= *Leptochloa panicoides* (Presl) Hitchc. Man. U. S.

Louisiana, Hale

Leptochloa hirta Steud. Syn. Fl. Glum. 1: 209. 1854.

"Ins. Albermarle, Gallipogorum."

Galapagos Isls.

Leptochloa hookeri Anders. Freg. Eugenies Resa, Bot.

2: 51. 1861 pl. 1. f. 2. 1857 "*Trichoneura Hookeri*"

"*L. hirta* Nees (sub. Dineba) mspt. sec. Steudel Synops. pl. gl. 209 n. 21 sec. descript.--*Trichoneura* Anders. l.c. p. 148.

"*Calamagrostis pumila* Hook. (l.c. p. 176)."

"---ins. Albermarle et Chatham (Ips)."

Galapagos

Leptochloa humilis Nees in Steud. Syn. Fl. Glum.

1: 210. 1854. "Nees (mpt.)."

"Hb. Lindley ex Mexico."

Leptochloa imbricata Thurb. in S. Wats. Bot. Calif.

2: 293. 1880.

"Larken's Station, San Diego County (Palmer, n. 404); Fort Yuma (Major Thomas); and through the Gila Valley to the Rio Grande."

Man. U. S.

= *Leptochloa uninervia* (Presl) Hitchc. & Chase

Leptochloa Langloisii Vasey, Bull. Torrey Club

12: 7. 1885.

"Louisiana coll. by Rev. A. B. Langlois."

= *L. scabra* Nees

Man. U. S.

Leptochloa Laurentii De Wild. Fl. Miss. Émile Laur.

1: 207. 1906.

"Kiri, 6 Novembre 1903"

[Congo Free State]

Africa

Leptochloa laxa Trin. ex Steud. Nom. Bot. ed. 2.

2: 30. 1841, nom. nud.

Leptochloa liebmanni Fourn. in Hemsl. Biol. Centr.

Amer. Bot. 3: 565. 1885, nom. nud.; Fourn. Mex. Fl.

2: 147. 1886.

"Antigua... (Liebm. n. 248); absque loco (Liebm. n. 244)."

= *L. scabra*

Man. U. S.

Mexico

Leptochloa lindleyana Kunth, Enum. Fl. 1: 525. 1833.

"Insula Albermarle, una ex Gallapagos." [Galapagos]

Basis of *Trichoneura lindleyana* (Kunth) Ekman.

Leptochloa loliformis F. Muell. Fragm. Phyt. Austr.

8: 128. 1873, as syn. of *Festuca loliformis* Muell.

Australia

Leptochloa longa Griseb. Fl. Brit. W. Ind. 538. 1864.

"Trinidad!, Cr." Without locality, Bot. Gard. Herb. 3359; Crueger.

W. I. Grasses.

British W. I.

Leptochloa longiglumis Hitchc. Proc. Biol. Soc.

Washington 43: 91. 1930.

"Type in the U. S. National Herbarium, No. 1,445,574, collected at Labezanga, Soudan Français, Sept. 29, 1927, by O. Hagerup (no. 453)."

French West Africa

Leptochloa Marlothii Hack. in Thist.-Dyer, Ind. Kew

suppl. 2: 104. 1904 as syn. *Fogonarthria falcata*.

error for *Eragrostis marlothii* Hack.

Africa

Leptochloa mexicana Scribn. Proc. Acad. Phila. 1891:

302. 1891.

"about dry ledges, Tamapo Cañon, Sept. 28.--- Fringle 3252."

= *Gouinia mexicana* (Scribn.) Vasey

Leptochloa mollis Kunth, Rev. Gram. 2: 443. pl. 135.

1831.

"Crescit in Senegambiae regno Walo, locis siccis."

[French Equatorial Africa]

Leptochloa monostachya (Vahl) Beauv. ex Roem. & Schult.

Syst. Veg. 2: 581. 1817.

Based on "*Cynosurus monostachyus* Vahl."

Ind. Or. (Koenig)

Leptochloa monticola Chase, Journ. Washington Acad.

Sci. 17: 73. f. 2. 1927.

"Type in the U. S. National Herbarium, no. 1,077,272 collected on summit of Pic de Brouet, in the vicinity of Puroy, Haiti, altitude about 1300 meters, June 13, 1920, by E. C. Leonard (no. 4751), common on the summit."

Haiti

Leptochloa mucronata (Michx.) Kunth, Rev. Gram. 1: 91.

1829.

Based on "*Eleusine mucronata* Michx."

Illinois, Michx.

= *Leptochloa filiformis* (Lam.) Beauv. Man. U. S.

Leptochloa mucronata var. *multiflora* Eggers, Vid. Medd.

Naturhist. For. Kjobenhavn III. 8: 151. 1876.

no descr. [St. Croix]

= *L. filiformis*

Man. W. I.

Leptochloa mucronata var. *pulchella* Scribn. Bull. Torrey

Club 9: 147. 1882.

"Santa Cruz Valley, near Tucson. July" Fringle

= *L. filiformis* (Lam.) Beauv. Man. U. S.

Leptochloa mutica Steud. Syn. Fl. Glum. 1: 208. 1854.

= "*L. virgata* Hochst. Hrbr. Kappl. nr. 1553... Surinam. Am. austr."

South America

T = *L. virgata*

Man. U. S.

Leptochloa nealleyi Vasey, Bull. Torrey Club 12: 7.

1885.

"Collected in Texas by Mr. O. C. Nealley."

Man. U. S.

Leptochloa Neesii Benth. Journ. Linn. Soc. Bot.

19: 108. 1881.

Based on "*Cynodon neesii* Thw."

Ceylon

Leptochloa neuroglossa Eichinger, Repert. Sp. Nov.

Pedde Beih. 40: Anhang, 75. pl. 39. f. 2. 1930;

264. 1931.

"D O Afr. S[ud] Pare... Ufer des Manga-See bei Mkomasi"

"Specimina authentica Peter 41078"

Tanganyika

Leptochloa obtusiflora Trin. ex Steud. Nom. Bot. Ed. 2.

2: 30. 1841, as syn. of *L. dubia* Nees.

= *L. dubia*

Man. U. S.

Leptochloa obtusiflora Hochst. Flora 38: 203. 1855.

"Hb. abyss. Buch. nr. 1204" [Schimper Coll. in 1853]

Abyssinia, Africa

Leptochloa palmeri Vasey ex Scribn. U. S. Dept. Agr.

Div. Agrost. Bull. 4: 10. 1897; Agr. Bur. Fl. Ind.

Bull. 33: 21. 1903.

"herb." name given as synonym of *Gouinia virgata* Scribn.

Mexico

Leptochloa panicea (Retz.) Ohwi, Bot. Mag. Tokyo
55: 311. 1941.

Based on *Poa panicea* Retz.
[citing *L. filiformis* (L.) Beauv. as syn.]
error for Lam.
China

Leptochloa panicoides Wight ex Steud. Syn. Fl. Glum.
1: 62. 1854, as syn. of *Panicum leptochloa* Nees.

= *Arundinella leptochloa*
"Peninsula Ind. Or. Wight hrbr. nr. 125."

Leptochloa panicoides (Presl) Hitchc. Amer. Journ.
Bot. 21: 137. 1934.

Based on *Megastachya panicoides* Presl
Man. U. S.
Mexico ad Acapulco

Leptochloa paniculata Fourn. Bull. Soc. Bot. France II.
27: 296. 1880.

"Absque loco (n. 1079)."
["Nicaragua par M. Paul Lévy." From title]
= *L. filiformis* Man. U. S.

Leptochloa ? patens (Presl) Kunth, Rev. Gram. 1: Suppl.
XXII. 1830.

(Kunth, Enum. Fl. 1: 271. 1833)

Based on *Schizanthus patens* Presl
= *Leptochloa dubia* (H.B.K.) Nees Man. U. S.
"Hab. in Cordilleris chilensibus", Haenke, Coll.
Chile

Leptochloa Peacockii (Maid. & Betsche) Domin, Bibl. Bot.
85: 379. 1915.

Diplachne Peacockii Maid. & Betsche
Coolabah, New South Wales, J. H. Maiden and
J. L. Boorman, March, 1904
Australia

Leptochloa ? pectinata (Lam.) Kunth, Rev. Gram. 1: 91.
1829.

Based on *Cynosurus pectinatus* Lam.
"cr6it dans les Indes orientales ...communiqu6e par
M. Sonnerat."
East Indies

Leptochloa pellucidula Steud. Syn. Fl. Glum. 1: 209.
1854.

"Duhaissing legit in Panama."
= *Leptochloa filiformis* (Lam.) Beauv.
Man. U. S.

Leptochloa perennis Hack. Inf. An. Est. Centr. Agron.
Cuba 1: 411. 1906.

"4617 C. F. Baker" "Prov. Santa Clara prope La,
Magdalena, Cayamas, Cuba"
= *L. virgata* (L.) Beauv. Man. W. I.
Man. U. S.

Leptochloa phleoides Willk. & Lange, Prodr. Fl. Hisp.
1: 74. 1870.
as syn. *Keeleria phleoides*
Spain

Leptochloa pilosa Scribn. U. S. Dept. Agr. Div. Agrosc.
Circ. 32: 9. 1901.

"In sandy soil, Dappan, Travis Co., Texas, 294.
J. E. Bodin, September 1891."
= *Leptochloa filiformis* (Lam.) Beauv. Man. U. S.

Leptochloa pleotostachya K. Schum. in Engl. Pflanzenw.
Ost.-Afr. 5(G) 112. 1895.

"Sansibar.--(am Pangani-Uebergang auf dem Wege nach
dem Kl.-Volk. n. 477)."

= *Cynodon pleotostachyum* (K. Schum) Pilger
Zanzibar, Africa (Isl. Indian Ocean, Tanganyika)

Leptochloa plumosa Anderss. ex Peters, Reise Mossamb.
Bot. 557. 1864.

"Standort: Auf feuchten Wiesen und neben den
Flussufern in Rios de Sena, dem Gebiet des Zambeze
von Sena bis Tette..."

[Peters 1842-48. Mozambique from title]
Africa

Leptochloa polygama (Fourn.) Beal, Grasses N. Amer.
2: 437. 1896.

Based on *Gouinia polygama* Fourn.

= "virgata
Mexico

Leptochloa ? polystachya (Michx.) Kunth, Rev. Gram.
1: 91. 1829.

Based on "*Festuca polystachya* Michx."
= *L. fascicularis* (Lam.) A. Gray Man. U. S.
Illinois, Michx.

Leptochloa polystachya Benth, Fl. Austral 7: 617. 1878.
Not Kunth, 1829.

Based on "*Cynodon polystachyus* R. Br. 1810.
Basis of *L. brownii* C. E. Hubb.
Australia

Leptochloa pringlei Beal, Grasses N. Amer. 2: 436. 1896.

D. Pringlei Vasey ined. Arizona, Pringle in 1884.
= *L. dubia* (H.B.K.) Nees Man. U. S.

Leptochloa proocera Nees, Syll. Fl. Ratisb. 1: 2. 1824.

"Patria: Brasilia..."
T. = *L. virgata*

Leptochloa proocera var. *major* Brongn. in Duperrey,
Bot. Voy. Coquille 2: 48. 1831.

No loc. cited.

Leptochloa proocera var. *minor* Brongn. in Duperrey, Bot.
Voy. Coquille 2: 48. 1831.

"...environs de Lima"
Peru

Leptochloa ? racemosa (Roth) Kunth, Rev. Gram. 1: 91.
1829.

Based on "*Eleusine racemosa* Roth."
India oriental
Roth's title says: "ex collectione Doot. Benj.
Heynii."

Leptochloa rigida Munro ex Vasey, Grasses U. S. 35.
1883, nom. nud.

[Munro ex Vasey, U. S. Dept. Agr. Div. Bot. Bull.
12: pl. 44. 1891, as syn. of *Diplachne rigida* Vasey]
= *Eragrostis sessilis* Buckl. Man. U. S.

Leptochloa rupestris C. E. Hubb. Kew Bull. Misc. Inf.
1941: 195. 1941.

"Somaliland: Mt. Wobleh, 10° 15' N., 43° 17' E., on
gneiss slopes, in open wood---Gillet 4981 (type in
Kew Herb.)."
Africa

aff. *L. uniflora* Hochst.

Leptochloa scabra Nees, Agrost. Bras. 435. 1829.

"in ripa inundata fluminum Amazonum, Tagipurie et
Tocantins, provinciae Paranaensis (Mart.)."

Brazil

Leptochloa schimperiana Hochst. Flora 38: 203. 1855.

"(Hb. abyss. Buch. nr. 1407)." [Schimper Coll. in
1853]

Abyssinia, Africa

Leptochloa setacea Hochst. Flora 24(Intell.1): 20. 1841,
nom. nud.; ex A. Rich. Tent. Fl. Abyss. 2: 421. 1851
as syn. of *Danthonia leptophylla* A. Rich.

Abyssinia

Leptochloa spicata (Nees) Scribn. Prooc. Acad. Phila.
1891: 304. 1891.

Based on "*Diplachne spicata* Doell" [*Bromus spicatus*
Nees]
Piauhy, Brazil

= *Tripogon spicatus* (Nees) Ekman

Leptochloa squarrosa Pilger, Bot. Jahrb. Engler 45: 210.
1910.

"Usambara: Segu, auf Kulturland (Volkens n. 79.--
Blühend und fruchtend im Januar 1893); Sigi-Tal
(B. L. Institut Amani n. 2565)."

Africa
Tanganyika

(aff. *L. filiformis* Roem. & Schult.)

Leptochloa stricta Trin. in Steud. Nom. Bot. ed. 2.
2: 30. 1841, nom. nud.

Leptochloa stricta Fourn. in Hemsl. Biol. Centr. Amer.
Bot. 3: 566. 1885, nom. nud.; Mex. Fl. 2: 147. 1886.
Not Trin., 1841.

"Vera Cruz (Gouin n. 73)."
= *L. nealleyi* Vasey Man. U. S.

Leptochloa subdigitata Trin. ex Steud. Syn. Fl. Glum.
1: 210. 1854.

Based on "*Poa digitata* R. Br."
= *Leptochloa digitata* (R. Br.) Domin,
Australia

Leptochloa tenerrima (Hornem.) Roem. & Schult. Syst.
Veg. 2: 581. 1817.

Based on "*Eleusine tenerrima* Hornem."
China

Leptochloa tetraquetra Presl, Rel. Haenk. 1: 288. 1830.

"Hab. in Luzonia ad Sorsogon."
Philippine Islands

Leptochloa tracyi (Vasey) Beal, Grasses N. Amer. 2: 436. 1896.

Based on "*Diplachne Tracyi* Vasey"

Reno, Nev. Tracy [216]

= *L. fascicularis* (Lam.) A. Gray Man. U. S.

Leptochloa uniflora Trin. ex Steud. Nom. Bot. Ed. 2. [2: 463 error in Kew] 1: 463. 1840; op. cit. 2: 30. 1841 as syn. of *Cynodon polystachyus* R. Br.

Leptochloa uniflora Hochst. ex A. Rich. Tent. Fl. Abyss. 2: 409. 1851. Not Trin. ex Steud. as syn. only. 1841.

"in pl. Schimp. Abyss., sect. III, no. 1707."

"Crescit in valle fluvii Tacazzé sub arborum umbra... (Schimper)."

Abyssinia, Afr.

Leptochloa uninervia (Presl) Hitchc. & Chase, Contr. U. S. Nat. Herb. 18: 383. 1917.

Based on *Megastachya uninervia* Presl

Mexico, Haenke Man. U. S.

Leptochloa ? verticillata (Roxb.) Kunth, Rev. Gram. 1: 91. 1829.

Based on "*Eleusine verticillata* Roxb."

" " " "

India

Leptochloa villosa Ekman, Ark. f. Bot. 10(17): 31, pl. 3, 6. 1911.

"Prov. Matto Grosso, Corumbá, legit G. O. Malme, 11. 4. 03 sub numero 3075. Exp. II Regn."

Brazil, S. Amer.

Leptochloa virgata (L.) Beauv. Ess. Agrost. 71, 161, 166. pl. 15, f. 1. 1812.

Based on "*Eleusine virgata* (Pers.)" which is based on *Cynurus virgatus* L.

Man. Grass. W. I. Man. U. S.

Jamaica, West Indies

Leptochloa virgata Wight ex Steud. Syn. Fl. Glum. 1: 213. 1854, as syn. of *Cynodon virgatus* Nees.

Not *L. virgata* (L.) Beauv.

Wight herb. India

Leptochloa virgata var. *aristata* Fourn. Mex. Fl. 2: 146. 1886.

"Tampico (herb. Uzae); Colipa (Karw. n. 996d part.); in itinere a Colipa ad Jicaltepec (Karw. n. 996 b) Jicaltepec... (Liebm. n. 252); Huitalmalo, ... (Liebm. n. 245); San Luis de Potosi (Virg. n. 1450)."

"Jamaica, Galapagos, Peruvia (Dombey)."

Mexico

= *L. virgata* (L.) Beauv. Man. U. S.

Leptochloa virgata var. *domingensis* Link ex Griseb. Fl. Brit. W. Ind. 538 1864.

Leptochloa dominicensis Link (same as Trin.)

"(Antigua, Mullschl. ... Trinidad, Sch., Cr.)"

= *L. domingensis* (Jacq.) Trin. Man. W. I.

Man. U. S.

Leptochloa virgata var. *gracilis* (H.B.K.) Griseb. Fl. Brit. W. Ind. 538. 1864.

Leptochloa gracilis Nees cited is based on *Chloris gracilis* H.B.K. 1816.

Peru

[*Chloris gracilis* H.B.K. basis of var. *gracilis* H.B.K.]

= *L. domingensis* (Jacq.) Trin. Man. W. I.

Jamaica cited by Griseb.

Leptochloa virgata var. *intermedia* Fourn. Mex. Fl. 2: 146. 1886.

"Paso de Doña Juana (Liebm. n. 243); Colipa (Liebm. n. 251)."

= *L. virgata* (L.) Beauv. Man. U. S.

Leptochloa virgata var. *mutica* (Steud.) Doell. in Mart. Fl. Bras. 2^o: 91. 1878.

Gray Herb. cards put as (var.)

Based on "*Leptochloa mutica* Steud."

"*L. virgata* Hochst. Hrbr. Kappl. nr. 1553... Surinam. Am. austr."

Dutch Guiana

Leptochloa virgata var. *puberula* Hack. Repert. Sp. Nov. Fedde 6: 345. 1909.

"Rojas no. 94 in Hb. Hassler."

Paraguay: "Gran Chaco; ... flumen Pilcomayo."

South America

Leptochloa virletii Fourn. in Hems. Biol. Centr. Amer. Bot. 3: 566. 1885, nom. nud.; Mex. Fl. 2: 147. 1886. [Hemsley had Fournier's sheets as they came from press.]

"San Luis de Potosi (Virg. n. 1404)."

Mexico

= *L. uninervia* Man. U. S.

Leptochloa viscida (Scribn.) Beal, Grasses N. Amer. 2: 434. 1896.

Based on "*Diplachne viscida* Scribn."

Santa Cruz Valley, Tucson, Ariz., Fringle in 1881.

Man. U. S.

Leptochloa wightiana Nees ex Steud. Syn. Fl. Glum. 1: 209. 1854.

"*Dineba verticillata* Wight hrbr. Ind. or."

publ. ex Steud. Syn. Fl. Glum 1: 209. 1854, as syn. of *Leptochloa wightiana* Nees

India

Basis of *Myriostachya wightiana*

Leptochloa yemensis Schweinf. ex Penzig, Atti Congr. Bot. Genova 366. 1893, nom. nud.

Eritrea, East Africa

Leptochloris crinita Munro ex Kuntze, Rev. Gen. 771. 1891, as syn. of *Chloropsis crinita* Ktze.

Based on *Chloris crinita* Lag.

[Mexico or South America]

= *Trichloris crinita* (Lag.) Parodi Man. U. S.

[erroneously said to come from Philippines]

Leptochloris greggii Munro ex Merrill, U. S. Dept. Agr. Div. Agrost. Cir. 32: 7. 1901 as syn. of *Chloropsis mendocina*.

= *Trichloris crinita* Man. U. S.

Leptocoryphium drummondii C. Muell. Bot. Zeit 19: 314. 1861.

"Louisiana ubi legit T. Drummond."

= *Anthraenantia rufa* Man. U. S.

(H.B.K.)
Leptocoryphium lanatum Nees, Agrost. Bras. 84. 1829.

Based on *Paspalum lanatum* H.B.K.

"---Mexico prope Venta del Camaron et Alto del Peregrino alt. 200 hexap---"

Leptocoryphium lanatum var. *genuinum* Doell in Mart. Fl. Bras. 2(2): 121. 1877.

(H.B.K.)
"*L. lanatum* Nees ab Esenb. l.c. [Agrost. Bras.] cum synonymis"

Mexico

Leptocoryphium lanatum var. *molle* (Nees) Doell, in Mart. Fl. Bras. 2^o: 121. pl. 17. 1877.

Based on *L. molle* Nees

"in campis altis prov. Minarum (Martius) et versus vallum Parannan. Sept."

Brazil

Leptocoryphium molle Nees, Agrost. Bras. 85. 1829.

"Habitat in altis campis Minarum et versus vallum Parannan. Sept."

Brazil

Leptocoryphium obtusum Steud. Syn. Fl. Glum. 1: 34. 1854.

Not in Steud. herb. loaned Nat. Herb. in 1905.

"Biehl legit in Louisiana."

= *Anthraenantia villosa* Man. U. S.

Leptocoryphium penicilligerum Speg. Anal. Soc. Cient. Argent. 16: 102. 1883.

"Hab. Ad limina sylvarum in provinciis "Misiones" prope "Corpus" et "Chaco" prope coloniam "Resistencia"

Argentina 20 April 1883

Leptoloma arenicola Swallen, Contr. Texas Res. Found. 1: 1. 1950.

"Type in the U. S. National Herbarium, no. 1964088, collected on sand hills 8½ miles south of Sarita, Kenedy County, Texas, April 23, 1949, by Jason B. Swallen (no. 10122)"

Man. U. S.

Leptoloma barbipulvinata (Nash) Smyth, Trans. Kans. Acad. 25: 86. 1913.

Based on "*Panicum barbipulvinatum* Nash"

" " " " Man. U. S.

Leptoloma capillaris (L.) Smyth, Trans. Kans. Acad. 25: 86. 1913.

Based on "*Panicum* L." = *Panicum capillare* L.

Man. U. S.

Leptoloma coenocolla (F. Muell.) Chase, Proc. Biol. Soc. Wash. 19: 192. Dec. 1906.

Based on *Panicum coenocolla* F. Muell.

F. Mueller. Gudnaka

S. Australia

Leptoloma cognatum (Schult.) Chase, Proc. Biol. Soc. Washington 19: 192. 1906.

Based on *Panicum cognatum* Schult. which is based on *Panicum divergens* Muhl. Gram. 120. 1817.

in herb. Phil. Acad. Nat. Sci.

Carolina

Man. U. S.

Leptoloma dichotomiflora (Michx.) Smyth, Trans. Kans. Acad. 25: 86. 1913.

Based on *Panicum dichotomiflorum* Michx.

" " " "

Man. U. S.

Leptoloma divaricatissima (R. Br.) Chase, Proc. Biol. Soc. Wash. 19: 192. 1906.

Based on *Panicum divaricatissimum* R. Br.

Port Jackson, Nov. Holland.

Australia

Leptoloma macratenia (Benth.) Chase, Proc. Biol. Soc. Wash. 19: 192. 1906.

Based on *Panicum macratenum* Benth.

Rookhampton, O'Shanev

Queensland, Australia

Leptoloma miliacea (L.) Smyth, Trans. Kans. Acad. 25: 86. 1913.

Based on "*Panicum miliaceum* L.

" " " "

Man. U. S.

Leptoloma papposa (R. Br.) Hughes, New Bull. Misc. Inf. 314. 1923.

Based on "*Panicum papposum* R. Br.

Novae Hollandiae

Leptopyrum tenellum Rafin. Med. Repos. N. Y. 5: 351. 1808, nom. nud.

U. S.

Unidentified

Man. U. S.

Leptosaccharum filiforme (Hack.) A. Camus, Bull. Soc. Bot. France 70: 737. 1923.

Based on "*Andropogon filiforme* Hack." error for *Saccharum filiforme* Hack.

Paraguay

Corrected by A. Camus to "*Saccharum filiforme* Hack. 1889," in Bull. Soc. Bot. France 103: 142. 1956.

for plate see Hook. Icon. Pl. 32: 3125. 1927.

Leptostachys digitaria (H.B.K.) G. F. W. Meyer, Prim. Fl. Esseq. 74. 1818.

Based on *Leptochloa digitaria*

This " *Chloris digitaria* H.B.K.

T = *Leptochloa virgata*

Leptostachys domingensis (Jacq.) G. F. W. Meyer, Prim. Fl. Esseq. 74. 1818.

Based on "*Eleusine doming. Pers.*", this based on *Cynosurus domingensis* Jacq.

= *Leptochloa domingensis*

Dominican Rep.

W. I.

Man. U. S.

Leptostachys ? dubia G. F. W. Meyer, Prim. Fl. Esseq. 74. 1818, without description.

"*Chloris ? dubia* H. & K." cited with a query.

= *Leptochloa dubia*

Man. U. S.

Leptostachys filiformis (Lam.) G. F. W. Meyer, Fl. Esseq. 74. 1818.

Based on *Eleusine filiformis* Pers. [*Pestuca filiformis* Lam., not cited]

= *Leptochloa filiformis*

Man. U. S.

Leptostachys gracilis (H.B.K.) G. F. W. Meyer, Prim. Fl. Esseq. 74. 1818.

Based on *Chloris gracilis* H.B.K.

T = *Leptochloa domingensis* not in Man. U.S. added.

Leptostachys virgata (L.) G.F.W. Meyer, Prim. Fl. Esseq. 74. 1818.

Based on "*Cynosurus virgatus* Willd." error for L.

= *Leptochloa virgata*

Jamaica

Man. W. I.

Leptothrium rigidum Kunth, Rev. Gram. 1: 156. 1829; Enum. Pl. 1: 471. 1833.

"*Zoysia rigida* Willd. herb." ined. cited as syn.

Am. trop.

Man. W. I.

Leptotherium Royleanum Nees in Royle, Illust. Bot.

Himalayan Mts. & Fl. Cashmere 1: 417. 1839.

name only.

Royle... "regrets that want of space has compelled him to omit the characters of [Gramineae, named by Prof. Nees von Esenbach] which he has therefore made over to the Linnean Society." p. VIII. 1839.

Leptothrix caput-medusae (L.) Dumort., Étude Agrost. Michelaria Class. Gram. 66. 1868.

Presumably based on *Elymus caput-medusae* L.

Europe

Leptothrix crinitus (L.) Dumort., Étude Agrost. Michel. Class. Gram. 66. 1868.

Presumably based on *Elymus crinitus* L.

Europe

Leptothrix europaeus (L.) Dumort., Étude Agrost. Michel. Class. Gram. 66. 1868.

Presumably based on *Elymus europaeus* L.

Europe

Leptothrix virginicus (L.) Dumort., Étude Agrost. Michel. Class. Gram. 66. 1868.

Presumably based on *Elymus virginicus* L.

U. S.

Lepturella aristata Stapf in Chev. Bull. Soc. Bot. France 58: Mem. 8^d: 223. 1912.

"Soudan Français.--Mossi, mont Zonga pignie pres Kompila----no. 24598 [Aug. Chevalier]"

Africa

Lepturella capensis Stapf in Chev. Bull. Soc. Bot. France 58: Mem. 8^d: 223. 1912.

Based on "*Oropedium capense* Stapf"

Africa

Lepturidium insulare Hitchc. & Ekman, U. S. Dept. Agr. Misc. Publ. 243: 111. f. 71. 1936.

"Type in the U. S. Nat. Herb. no. 1296125, collected in white sand, saline flats, Santa Barbara, Isla de Pinos, Cuba, Nov. 3, 1920, by E. L. Ekman (no. 12060)"

Man. W. I.

Lepturopsis triaristata Steud. Syn. Fl. Glum. 1: 358. 1854.

"Ins. Loss Guineae"

= *Rhytachne triaristata* (Steud.) Stapf

Lepturus aciculatus Steud. Syn. Fl. Glum. 1: 357. 1854.

"Hrbr. Zolling. nr. 10832. Ins. Salayer. Ind. ar."

Lepturus acutiglumis Steud. Syn. Fl. Glum. 1: 357. 1854.

Tahiti

"Hrbr. Urville ex Ins. Taiti."

Lepturus anadobolavensis A. Camus, Bull. Soc. Bot. France 102: 122. 1955.

Madagascar: vallée Moyenne du Mandrare près d'Anadobolava----Humbert 12,543.

Lepturus androyensis A. Camus, Bull. Mus. Nat. d'Hist. Nat. ser. 2. 29: 275. 1957.

Madagascar "Sud: environs d'Antanimoro (Androy), 30 à 35 km. au N. vers Ambia, bush zérophile sur terrain cristallins, alt. 200-300 m., Humbert et Capuron 28832 et 28838; type Mus. Hist. Nat. Paris)."

Lepturus boinensis Camus, Bull. Soc. Bot. France 93: 87. 1946.

"Madagascar Ouest: Boina, mt. Isitondroina (Ferrier de la Bâthie, no. 11,235); Madirovala (Ferrier de la Bâthie, no. 11,196)."

Differs from L. Ferrieri A. Camus

Lepturus bolanderi Thurb. Proc. Amer. Acad. 7: 401. 1868

"Dry gravelly soil, Russian River Valley, California, Bolander."

= *Scribneria bolanderi* (Thurb.) Hack.

Man. U. S.

Lepturus compressus (Presl) Steud. Syn. Fl. Glum. 1: 357. 1854.

Based on *Ophiurus compressus* Presl."

Sicily

Lepturus cinereus Burcham, Contr. U. S. Nat. Herb. 30: 424. fig. 2. 1948.

"Type: Burcham 169, collected November 14, 1944, on coral ledge along margin of swamp, east side of Hooper Bay, Pavuvu Island, Russell Islands; altitude 5 feet; deposited in the United States National Herbarium, No. 1866460."

Basis of L. repens var. cinereus (Burcham) Fosberg

= L. cinereus Burcham.

Lepturus curvatissimus (Aschers. & Graeb.) Rouy, Fl.
France 14: 338. 1913.

Based on *L. incurvus curvatissimus* Aschers. & Graeb.
Middle Europe

Lepturus cylindricus Trin. Fund. Agrost. 123. 1820.

Based on "(Rottb. cylindrica Willd.)"

= *Monerma cylindrica*

Europe Man. U. S.

Lepturus cylindricus var. *asperulus* Mairs, Bull. Soc.

Hist. Nat. Afr. Nord. 3434. 1942.

North Africa

Lepturus cylindricus var. *genuinus* Maire & Weiller in

Maire, Flore Afrique Nord. 3: 300. 1955.

"n. nom.--Type de l'espèce."

= *Monerma cylindrica* (Willd.) Coss. & Dur.

Lepturus cylindricus var. *gracilis* (Coss. & Dur.)

A. Camus, Ann. Soc. Linn. Lyon n. ser. 69(1922):

87. 1923.

Based on *Monerma cylindr.* var. *gracilis* Coss. & Dur.

= *Monerma*

Lepturus erectus Szovitz ex Griseb. in Ledeb. Fl. Ross.

4: 325. 1853, as syn. *L. incurvus* var. *erectus*

Ledeb.; Szovitz ex Roshev. Consp. Gram. Turkest.

81: 1923. (in Act. Hort. Petrop. 38: 139. 1924.

= *Henrardia persica* var. *erecta* (Griseb.) C. E. Hubb.

U. S. S. R.

Lepturus erectus var. *glabratus* Westberg ex Roshev. Act.

Hort. Petrop. 38: 139. 1923, nom. nud.; Acta Inst.

Bot. Acad. Sci. U.R.S.S. I. 2: 42. 1936, as syn.

Pholurus glabriglumis Nevski.

"Westberg in herbar. Petrop."

= *Henrardia persica* var. *glaberrima* (Hauskn.)
C. E. Hubb.

Lepturus fasciculatus (Lam.) Trin. Fund. Agrost. 123.

1820.

Based on "Rottb. fasciculata Desf." error for Lam.

= *Manisuris altissima* (Poir) Hitchc.

Man. U. S.

Lepturus filiformis Trin. Fund. Agrost. 123. 1820.

Based on "(Rottb. filiformis Roth.)"

= *Parapholis incurva* (L.) C. E. Hubb.

Lepturus filiformis var. *incurvus* (Trin.) Hook. Stud.

Fl. 455. 1870.

Based on *L. incurvus* Trin.

= *Parapholis incurva* (L.) C. E. Hubb.

Europe

Lepturus filiformis (Roth) Trin. var. *pycnanthus* Hack.

ex Druce, Bot. Exch. Club of Brit. Isles Rept. 1903: 8

(name only), 33 descr. 1904.

= *Parapholis pycnantha* (Hack.) C. E. Hubb.

Lepturus filiformis var. *subcurvatus* Lange, Bot.

Tidsskr. [10]: 189. 1877-79, nom. nud.

"Sjæll.: Havnedaemningen udenfor Kjøbenhavn
Gasværk (Mort.), Vordingborg (Thoms.)! Rom/ med.
Hovedarten (Borst.)!"

= *Parapholis*

[Denmark]

Lepturus filiformis var. *tenuissimus* Lange, ex Lojac.

Fl. Sicul. 3: 387. 1909.

"Lange in Prodr. Fl. Hisp. 1: 29."

Lepturus gasparriensis Fosberg, B. P. Bishop Mus. Occ.

Papers 21: 293. 1955.

"Apparently endemic to Pokak and Wake Atolls, and
common only locally on Kamome Islet of Pokak Atoll,
and in a small area on Peale Islet, Wake.---Named for
Gaspar Rico, an old name for Pokak Atoll.

Marshall Islands: Pokak Atoll, Kamome Islet, July 22,
1952, Fosberg 34511 (U.S. type)."

Wake Atoll: Peale Islet,....Fosberg 34940.

Lepturus geminatus C. E. Hubb. Hook. Icon. Fl. 33. pl.

3233: 1. 1934.

"Queensland. Cook District: Thursday Island,
April 1931, Hookings."

Australia

Lepturus Hildebrandtii Hansen et Potztl, Bot. Jahrb.

76: 269. 1954.

J. M. Hildebrandt Nr. 1278; Sansibarküste: Bagamojo,
feuchte Stellen. V. 1874; bestimmt als *L. Hilde-
brandtii* m.; aff. *L. repens* Brown, teste E. Hackel.
Die Beschreibung der Art wurde von Hackel nicht vor
öffentlich. (Herbar Wien.)

Lepturus hirtulus Regel, Act. Hort. Petrop. 7: 576. 1881.

"In Turkestanicae orientalis deserto Karak legit
O. Fedtschenko."

= *Henrardia persica* var. *erecta* (Griseb.) C. E. Hubb.

Lepturus Humbertianus Camus, Bull. Soc. Bot. France

93: 86. 1946.

"Madagascar occident.: forêt sclérophylle des pentes
occidentales, sur les rocaillies gneissiques, alt.
1.000-1.200 m.: Mt. Morahariva (Mahamenal), vallée de
la Manambolo, rive droite, bassin du Mandrare
(Humbert, no. 13.189)."

aff. *L. repens* R. Br.

Lepturus incurvus (L.f.) Trin. Fund. Agrost. 123.

1820.

Same comb. made by Dum. Obs. Gram. Belg. 140. 1823.

"(Rottb. incurva L. appl.)"

= *Parapholis incurva* (L.) C. E. Hubb.

Man. U. S.

Lepturus incurvus var. *curvatissimus* Aschers. &

Graebn. Syn. Mitteleur. Fl. 2: 764. 1902.

"So nur im Mittelmeergebiet, in der Provence; im
Oesterreichischen und Kroatischen Litorale! Istrien!
Dalmatien!!"

Parapholis

Lepturus incurvus var. *erectus* Griseb. in Ledeb. Fl.

ross. 4: 325. 1853.

"Hab. in provinciis caucasicis australibus (Szov.)."

= *Henrardia persica* var. *erecta* (Griseb.) C. E. Hubb.

Lepturus incurvus var. *filiformis* Bab. Man. Brit.

Bot. 378. 1843.

"*L. filiformis* Trin.? [probably *Rottboellia filiformis*
Roth. cited by Trin.]

Parapholis filiformis (Roth) C. E. Hubb.

Lepturus incurvus var. *gracilis* Aschers. & Graebn.

Syn. Mitteleur. Fl. 2: 764. 1902.

Ophiurus gracilis Gay?
Lepturus filiformis f. *gracilis* Crepin!

= *Parapholis incurva*

Lepturus incurvus var. *longiflorus* Grossh. Monit.

Jard. Bot. Tiflis 46/47: 40, pl. 3. 1919.

Syn.: "*Monerma cylindrica* auct. fl. camp. --G. Waro-
now et A. Schelkownikow, Schedae ad herb. cauc., no.
113 (1914)."

"Habit. in pr. Baku, locis multis, praecipue ad
littora arenosa maris Caspii. Leg. Majorow!,
Pastuchow! Grossheim!"

Parapholis incurva

Lepturus incurvus var. *rectus* Batt. & Trab. Fl.

Alger. Monoc. 109. 1884.

Algeria, No loc. cited.

= *Parapholis incurva*

Lepturus incurvus var. *secundus* Lojac. Fl. Sicul.

3: 286. 1909.

"Isola" Sicily

= *Parapholis incurva*

Lepturus incurvus var. *strictus* Fries Nov. Fl. Suec.

Mant. 3: Add. 181. 1843.

"In litore ad Hvellinge Scaniae copiose legit M. v.
Dahen."

= *Parapholis incurva*

Sweden

Lepturus incurvus f. *subcurvatus* Aschers. & Graebn.

Syn. Mitteleur. Fl. 2: 764. 1902.

L. incurvus Dumort

= *Parapholis incurva* (L.) C. E. Hubb.

Lepturus incurvus var. *vulgatus* Aschers. & Graebn.

Syn. Mitteleur. Fl. 2: 764. 1902.

"So an der Nordküste....auch am Mittelmeergebiet."

Europe

= *Parapholis incurva*

Lepturus incurvus Druce, List Brit. Fl. 85. 1908, nom.

nud.; Druce ex Briquet, Prodr. Fl. Corse 1: 183.

1910.

Based on *Aegilops incurva* L.

= *Parapholis incurva* (L.) C. E. Hubb.

Corsica

Lepturus incurvus (L.) Grossh. Trudy Bot. Inst. Azer-

baïdzh. Fil. Akad. Nauk S.S.S.R. 8: 324. 1939.

same Druce in Briquet 1910.

Based on *Aegilops incurva* L.

= *Parapholis incurva* (L.) C. E. Hubb.

Corsica

Lepturus incurvus ssp. *filiformis* Briq. Prodr. Fl. Corse

1: 183. 1910.

"*L. filiformis* Trin."

= *Parapholis filiformis* (Roth) C. E. Hubb.

Lepturus incurvus ssp. *incurvatus* Briq. Prod. Fl.

Corse 1: 183. 1910.

"*L. incurvatus* Trin. sensu stricto"

= *Parapholis incurva* (L.) Hubb.

Lepturus incurvus var. *pyonanthus* Haak. ex Druce, List Brit. Fl. 85. 1908.

No description nor basis given

of. Haak. Druce. *L. filiformis* var. *pyonanthus*

= *Parapholis incurva*

England

Lepturus latifolius Nakai, Rigakukai 26⁵: 3. 1928, nom. nud.; in Honda, Journ. Fac. Sci. Univ. Tokyo Sect. III, Bot. 3: 11. 1930, as syn. *Lepturus repens* var. *latifolius*.

Lepturus Mildbraedianus Hansen & Potzthal, Bot. Jahrb. 76: 269. 1954.

Chamisso Nr. 55, Radak (= Marshall Inseln), als *Lepturus* bestimmt. (Herbar. Wien.)

Lepturus minimus Hochst. Flora 38: 332. 1855.

"(in pll. abyss. anno 1853 a Schimpero lectis.--- Hb. Buchinger nr. 1145)."

Abyssinia

Lepturus paniculatus Nutt. Gen. Fl. 1: 81. 1818.

"On dry saline plains, near Fort Mandan, on the Missouri."

= *Schedonardus paniculatus* (Nutt.) Trel.

Can. U. S.

Lepturus pannonicus (Host) Kunth, Rev. Gram. 1: 151. 1829.

Based on "*Rottboellia pannonica* Host."

Pholiurus pannonicus (Host) Trin.

Europe

Lepturus Ferrieri Camus, Bull. Soc. Bot. France 93: 87. 1946.

"Madagascar Sud-Ouest: Manampetsa, oaloaire, parmi le bush (Ferrier de la Bâthie, no 19.109)."

aff. *L. geminatus* Hubbard of Queensland

Lepturus persicus Boiss. Diagn. Ser. I. Vol. 2: (fasc. 13) 71. 1854.

"Hab. in Persia australi Aucher No. 2914."

type sp. of *Henrardia persica* (Boiss.) C. E. Hubb.

Persia

Lepturus persicus var. *armenicus* Haak. ex Grossheim, Fl. Kavkaz 1: 324. 1939; as syn.

= *Henrardia persica* var. *glaberrima* (Hausskn.)

C. E. Hubb.

Anatolia, Persia, Afghanistan

Lepturus persicus var. *genuinus* Grossh. Trudy Bot. Inst. Azerbaidzh. Fil. Akad. Nauk S.S.S.R. 8: 324. 1939.

Distribution map for species No. 174.

Caucasus, Russia, Eur.

= *Henrardia persica* var. *erecta* (Griseb.) C. E. Hubb.

Lepturus Persicus var. *glaberrimus* Hausskn. Mitteil.

Thuring. Bot. Ver. 20: 51. 1905.

"Cappadocia, in planitie prope Caesarem (Kaisariyah) legi 14. VI. 1890; exsicc. no. 1642. Armenia Turcica, Egin (ad Euphratem) in collibus prope Salachili 25. VI. 1890 leg. P. Sintenis (exsicc. no. 2737)."

= *Henrardia persica* var. *glaberrima* (Hausskn.)

C. E. Hubb.

Lepturus persicus var. *glabratus* (Westb.) Grossh. Trudy

Bot. Inst. Azerbaidzh. Fil. Akad. Nauk S.S.S.R.

8: 324. 1939, without descr.

Cites "[= v. *armenicus* E. Haak. in schedis--*Pholiurus glabriglumis* Nevski, Schedae ad. Herb. Fl. As. Med. No. 527 (1934) -- Fl. SSSR, II, 589 (1934)] [117]."

= *Henrardia persica* var. *glaberrima* (Hausskn.)

C. E. Hubb.

Lepturus Pilgerianus Hansen & Potzthal, Bot. Jahrb.

76: 268. 1954.

Plants of Canton Islands, Hb. Otto Degener Nr. 21291; on sand; native. Coll. by O. Degener & Hatheway, 14. VII. 1950.

Lepturus pubescens (Bertol.) Boiss. Fl. Orient.

5: 685. 1884.

Based on *Rottboellia pubescens* Bertol.

= *Henrardia pubescens* (Bertol.) C. E. Hubb.

Mesopotamia

Lepturus pubescens var. *glaberrimus* (Hausskn.)

Bornmüller, Verh. K. K. Zool.-Bot. Gesellsch. Wien

60: 191. 1910.

Based on *L. persicus* var. *glaberrimus* Hausskn.

= *Henrardia persica* var. *glaberrima* (Hausskn.)

C. E. Hubb.

Cappadocia

Lepturus pubescens var. *persicus* (Boiss.) Bernowicz,

Bihef. Bot. Centralbl. 33²: 219. 1915.

Based on *L. persicus* Boiss.

= *Henrardia persica* var. *erecta* (Griseb.) C. E. Hubb.

"In provinciis caucasicis australibus (Szevitz)"

Lepturus radicans (Steud.) A. Camus, Ann. Soc. Linn.

Lyon n. ser. 69(1922): 87. 1923.

Based on *Ophiurus radicans* Steud.

Nossibe Isl. Africa

Lepturus ? ramosus (Cav.) Kunth, Rev. Gram. 1: 152. 1829.

Based on "*Rottboellia ramosa* Cav." this is *Monerma subulata* Beauv. fide Haak. in DC. Monogr. Phan 6: 707. 1889 in Index. No description by Kunth, a transfer only, queried.

"Tanger" Morocco

Lepturus repens (G. Forst.) R. Br. Prodr. Nov. Holl.

207. 1810.

Based on "*Rottboellia repens* G. Forst."

Austral; Pacific Isls.

Lepturus repens R. Br. [misappl. by Bojer ?] Hort.

Maurit. 372. 1837.

= *Stenotaphrum subulatum*

Mauritius Indian Ocean

Lepturus repens var. *cinereus* (Burcham) Fosberg. B. P.

Bishop Mus. Occ. Papers 21: 292. 1955.

Based on *Lepturus cinereus* Burcham, U. S. Nat. Herb. Contr. 30: 424. 1948 [fig. 2]

Russell Island: Pavuvu, Burcham 169 (type). Samoa: Savaii, Christophersen 2648 (Bishop 2 sheets ----)

Mariana Islands: Saipan, Kanehira & Hatusima 4288 (Ky.

Leeward Hawaiian Islands: Kure (Ocean), Caum 19 (N.Y. Bishop, 2 sheets).

= *L. cinereus* Burcham

Lepturus repens var. *latifolius* Honda, Journ. Fac. Sci.

Univ. Tokyo Sect. III, Bot. 3: 11. 1930.

"Bonin: ins. Hahajima (S. Nishimura, no. 338, anno 1914)."

North Pacific

Lepturus repens var. *maldenensis* F. Brown, B. P. Bishop

Mus. Occ. Papers 9: 6. 1930.

Central Pacific----

Malden Island: Wilder 1, (type, Bishop).

Line Islands: Christmas Islands, Fosberg & Metraux 13206 (N. Y.)

Pacific Ocean, 3° south

Lepturus repens var. *occidentalis* Fosberg, B. P. Bishop

Mus. Occ. Papers 21: 291. 1955.

East Indies: Klein Kambere, Backer 3106 (type); Poeloe Tikoes, Kornassi 1271.

Philippine Islands: Merrill 5246.

Queensland: Green Island, Roe 1047.

Solomon Island: San Cristoval, Brass 3071 (Bishop).

Mariana Islands: Saipan, Kanehira and Hatusima 4280 (Ky).

Marshall Islands: Eniwetok, Taylor 46-1315 (US, Bishop)

St. John 23766 (Bishop).

Leeward Hawaiian Islands: Pearl and Hermes Reef, Caum 39 (Bishop, 2 sheets), 46 (Bishop).

Lepturus repens var. *palmyrae* F. Brown, Bernice P.

Bishop Mus. Occas. Papers 44: 6, fig. 2, b. 1930.

"Palmyra Island, July, 1913, J. F. Rock, no. 10276A, type."

Pacific

Lepturus repens var. *palmyrensis* F. Brown, B. P. Bishop

Mus. Occ. Papers 9: 6. 1930.

Known only from Palmyra Island.

Line Islands: Palmyra, Rock 10276 A (Bishop, type), 10 (duplicate of type?)

Lepturus repens var. *septentrionalis* Fosberg, B. P.

Bishop Mus. Occ. Papers 21: 291. 1955.

Wake Island: U.S. Expl. Exped. Fosberg 34462, 33627, 34941, 34942, 34943, 34944, 34950, Bramokamp in 1936 (Bishop, two sheets), Lyons 18 (Bishop).

Marshall Islands: Pook (Taongi), Fosberg 34509--- 34504, 34506: Bika, Fosberg 34571 (type), 34577; [19 more collections]

Caroline Islands: Nama, Anderson 902; Ngatik, Burton H 2; Lukunor, Anderson 2142; Satawan, Anderson 961. 1023---; Kapingamarangi, Hosaka 3431---; Ulithi, Hosaka 3200.

Pacific

Lepturus repens var. *subulatus* Fosberg B. P. Bishop

Mus. Occ. Papers 21: 290. 1955.

"*Lepturus repens* var. *y* F. Brown, B. P. Bishop Mus. Bull. 84: 90. 1931."

Marshall Islands: Ujelang, Fosberg 34173 (type); Motho, Fosberg 34271; Bikini, Taylor 46-1058 (Bishop); Aur, St. John 21273 (Bishop); Utirik, Fosberg 33681; Arno, Stone 1046, Anderson 3647; Wajuro, Fosberg 2618; Ailinglapalap, Fosberg 26833; Kwajalein, Fosberg 2651; Bryan in 1946 (Bishop); Eniwetok, St. John 23800 (Bishop), 23820 Bishop, Fosberg 24325. (Some of the Marshall Isl. specimens have rather slender spikes)

Leeward Hawaiian Islands: Midway, Bartsh s.n., Bryan 94 (U.S.), 1 (Bishop), 5 (Bishop); Laysan, Schaulinsland X (Bishop).

over

Lepturus roxburghianus Steud. Syn. Fl. Glum. 1: 357. 1854.

"*Rottboellia biflora* Roxb. Ind. or." this = *Lepturus pannonicus* Kunth fide Haak. in index to DC. Monogr. Phan. 6: 707. 1889. that = *Pholiurus pannonica* fide C. E. Hubb.

Lepturus ? simplex Kunth Enum. Fl. 1: 463. 1833; Rev.
Gram. 1: Suppl. XXXVI. 1830.

= *L. cylindricus*?

Based on "*Monerma simplex* Gaudich."
Australia

Lepturus strigosus Dumort. Obs. Gram. Belg. 146. 1823.

Belgium

Pholurus ? [differentiated from *L. filiformis*]

Lepturus subulatus Kunth, Rev. Gram. 1: 151. 1829.

= *L. cylindricus*

Based on "*Rottboellia subulata* Savi."

Lepturus tenuis Balf.f. Proc. Roy. Soc. Edinb. 12: 97.
1884.

Date of meeting is Jan. 29, 1883--Date of t.p. is
1884.

"Sootra, in campis orientalibus insulae. B.C.S.
[Balfour, Cockburn & Scott] No. 572."

Indian Ocean

Lepturus vulgatus (Aschers. & Graebn.) Rouy, Fl. France
14: 339. 1913.

Based on *L. incurvus* var. *vulgatus* Aschers. & Graebn.
Europe

= *Pholurus*

Lepturus xerophilus Domin, Bibl. Bot. 85: 412. 1915.

"Nord-Queensland: Karsthügel ("Bluff") bei
Chillagoe (Domin, II. 1910); Boonmoo (Domin, II.
1910)."

Lepyroxys [canadensis] Beauv. ex Fourn. Gram. Mex. 1881:
92. 1886, as syn. of *Polypogon canadense* Fourn.

= *Agrostis mexicana* L. = *Muhlenbergia mexicana* (L.)
Trin. incorrectly ascribed to Mexico by Fournier,
who renames it "*Polypogon canadense*."

"*Lepyroxys* Beauv. n. sp. in herb. Juss."
No specific name sub *Lepyroxys* Beauv. given. See
Polypogon canadensis Fourn. card.
[Jacks. Ind. Kew Suppl. 1: 244. 1901-06.]
Fourn. p. 92, under "species excludenda," cites *P. cana-*
dense (no author) = *Agrostis mexicana* L. Mant. 31.--
Cinna mexicana Link, Enum. 1, 71.--*Gramen arundinaceum*
Canadense minus h. r. p. in herb. Juss."

Lerchenfeldia ouprina Schur, Enum. 753. 1866.
(Sert. n. 3111)

Cites: "Oestr. bot. Zeit. 1859, p. 327, var. o."

"Auf steinigen Triften der Alpen....Olimmerschiefer,
Kalksubstrat: Arpas-Butian-Keprerasse, Vurtop,
Butsets konigstein, Rodnaer Alpen; korondsys,
Kuhhorn."
Rumania

Lerchenfeldia flexuosa Schur, Enum. Fl. Transs. 753.
1866. (Sert. n. 3111)

Based on *Aira flexuosa* L.

= *Deschampsia flexuosa* Man. U. S.

Lerchenfeldia flexuosa var. *alpina* Schur, Enum. Fl.
Transs. 753. 1866.

"a. alpina, pallida, straminea Schur. sert. n. 3111.

"Auf Alpentriften der Arpaser Gebirge: Vurtop..."

Lerchenfeldia flexuosa var. *viridiflora* Schur, Enum.
Fl. Transs. 753. 1866.

Schur sert. n. 3111, var. β Oester Bot. Zeit. 1859.
p. 327, d."

Arpaser Gebirge,
Transsilvania

Lerchenfeldia uliginosa Schur, Enum. 754. 1866.

Based on "*Aira uliginosa* Weihe."

Transsilvania

Lesourdia karwinskyana Fourn. Bull. Soc. Bot. France
27: 102. pl. 4. f. 12. 1880.

"Cañon de las Minas (Karw. n. 992); Parry et Palmer
n. 925."
Mexico

= *Scleropogon brevifolius* Man. U. S.

Lesourdia multiflora Fourn. Bull. Soc. Bot. France
27: 102. pl. 3. pl. 4. 1880.

"Tampico (Bernier)."

Mexico

= *Scleropogon brevifolius* Man. U. S.

Leucophrys glomerata (Hack.) Stapf in Frain, Fl. Trop.
Afr. 9: 504. 1919.

Based on *Panicum glomeratum* Hack.

Africa

Leucophrys mesocoma (Nees) Rendle, Cat. Afr. Fl.
Welwitsch. 26: 194. 1899.

Based on "*Panicum mesocomum* Nees."

Africa

Leucophrys psammophila (Welw.) Dandy, Journ. Bot. Brit.
& For. 69: 54. 1931.

Based on *Panicum psammophilum* Welw. ex Rendle, Cat.
Afr. Fl. Welw. 2: 171. 1899.
between Cabo Negro and Mossamedes, near Rio Carvea
(2624 Welwitsch)

Africa

Leucopoa albida (Turcz.) Krecz. & Bobr. in Komarov,
Fl. U.R.S.S. 2: 495. pl. 39. f. 1, a-f. 1934.

Based on *Poa albida* Turcz.

Transbaical. Siberia

Leucopoa Caucasica (Hack.) Krecz & Bobr. in Komarov,
Fl. U.R.S.S. 2: 496. 1934.

Festuca caucasica Hack. as syn.
sibirica var. *caucasica* Hack. in Boiss.

Caucasus

Leucopoa karatavica (Bunge) Krecz & Bobr. in Komarov,
Fl. U.R.S.S. 2: 496. pl. 39. f. 2, a-f. 1934.

Based on
Poa karatavica Bunge

U.S.S.R.

Leucopoa kreczetoviozii Sobolevsk. Not. Syst. Herb.
Inst. Bot. Komarov Acad. Sci. U.R.S.S. 14: 75.
pl. 1951.

"Habitat: rupes et declivitates lapidosae, calcare-
aque."

"Typus. Jugum Tannu-ola orientale, in valle fluminis
Ersin, Tes-chem influentis, in vicinis pagi Saryg-
bulun, 26 V 1946, fl., K. Sobolevskaja et Sergeeva."

U.S.S.R. Asia

Leucopoa olgae (Regel) Krecz. & Bobr. in Komarov, Fl.
U.R.S.S. 2: 495. 1934.

Based on *Molinia olgae* Regel

"*Kokania montibus Alai*. (O. Fedtschenko)"
U.S.S.R.

Leucopoa sclerophylla (Boiss.) Krecz. & Bobr. in Komarov,
Fl. U.R.S.S. 2: 497. pl. 39. f. 3a-f. 1934.

Based on *Festuca sclerophylla* Boiss.

Kotschy-245.

Persia

Leucopoa sibirica Griseb. in Ledeb. Fl. Ross. 4: 383.
1853.

"Hab. in Sibiria altaica pr. Krasnojarsk et baikalensi
[in arenosis ad Baikalem pr. thermas Turcenses!
(Turcz.)] inque Davuria [in rupibus pr. Kiashta!
(Turcz.)]"

Leymus aemulans (Nevski) Tavel. Not. Syst. Inst. Bot.
V. L. Komarov Acad. Scient. URSS 20: 430. 1960.

Based on *Aneurolepidium aemulans* Nevski

Leymus akmolinsensis (Drob.) Tavel. Not. Syst. Inst. Bot.
V. L. Komarov Acad. Scient. URSS 20: 430. 1960.

Based on *Elymus akmolinsensis* Drob.

Leymus alaiicus (Korsh.) Tavel. Not. Syst. Inst. Bot.
V. L. Komarov Acad. Scient. URSS 20: 429. 1960.

Based on *Elymus alaiicus* Korsh.

Leymus angustiformis (Drob.) Tavel. Not. Syst. Inst.
Bot. V. L. Komarov Acad. Scient. URSS 20: 429. 1960.

Based on *Elymus angustiformis* Drob.

Leymus angustus (Trin.) Pilger, Bot. Jahrb. 74: 6. 1945

Based on *Elymus angustus* Trin.

"ad fl. Tschuja (B.)"

Siberia, Asia

Leymus arenarius (L.) Hochst. Flora 31: 118. 1848.

Based on *Elymus arenarius* L.

" " " "

Europe

Leymus arenicola (Scribn. & Smith) Pilger, Bot. Jahrb.
74: 6. 1945.

Based on *Elymus arenicolus* Scribn. & Smith

" " " " " "

Man. U. S.

"Collected by A. B. Leckenby, at Suferts, Oregon Nov.
26, 1898. Growing in the sand dunes along the
Columbia River."

Leymus baldshuanicus (Roshev.) Tavel. Not. Syst. Inst.
Bot. V. L. Komarov Acad. Scient. URSS 20: 429. 1960.

Based on *Elymus baldshuanicus* Roshev.

Leymus dasystachys (Trin.) Pilger, Bot. Jahrb. 74: 6. 1945.

Based on *Elymus dasystachys* Trin.

Russia, Asia

Leymus divaricatus (Drob.) Tavel. Not. Syst. Inst. Bot. V. L. Komarov Acad. Scient. URSS 20: 430. 1960.

Based on *Elymus divaricatus* Drob.

Leymus fasciculatus (Roshev.) Tavel. Not. Syst. Inst. Bot. V. L. Komarov Acad. Scient. URSS 20: 430. 1960.

Based on *Elymus fasciculatus* Roshev.

Leymus flavescens (Scribn. & Smith) Pilger, Bot. Jahrb. 74: 6. 1945.

Based on *Elymus flavescens* Scribn. & Smith

Man. U. S.

"916 W. N. Saksdorf, June 11, 1886, Columbus Kllickitat County, Washington."

Leymus flexilis (Nevski) Tavel. Not. Syst. Inst. Bot. V. L. Komarov Acad. Scient. URSS 20: 429. 1960.

Based on *Aneurolepidium flexile* Nevski

Leymus giganteus (Vahl) Pilger, Bot. Jahrb. 74: 6. 1945.

Based on *Elymus giganteus* Vahl.

Asia?

Patriam ignoro, dedit Dn. Schumaaker

Leymus innovatus (Beal) Pilger, Bot. Jahrb. 74: 6. 1945

Based on *Elymus innovatus* Beal

Man. U. S.

"Montana (north fork of the Sims River in 1887) R. S. Williams."

Leymus karataviensis (Roshev.) Tavel. Not. Syst. Inst. Bot. V. L. Komarov Acad. Scient. URSS 20: 429. 1960.

Based on *Elymus karataviensis* Roshev.

Leymus kopetdaghensis (Roshev.) Tavel. Not. Syst. Inst. Bot. V. L. Komarov Acad. Scient. URSS 20: 429. 1960.

Based on *Elymus kopetdaghensis* Roshev.

Leymus kugalsensis (Nik.) Tavel. Not. Syst. Inst. Bot. V. L. Komarov Acad. Scient. URSS 20: 429. 1960.

Based on *Elymus kugalsensis* Nik.

Leymus Kuznetsovii (N. Pavl.) Tavel. Not. Syst. Inst. Bot. V. L. Komarov Acad. Scient. URSS 20: 429. 1960.

Based on *Elymus Kuznetsovii* N. Pavl. (*Elymus angustiformis* N. Pavl., not *E. angustiformis* Drob.)

Leymus mollis (Trin.) Pilger, Bot. Jahrb. 74: 6. 1945.

Based on *Elymus mollis* Trin.

Man. U. S.

Herb. Gorenk. ...Hab. in Camschatka et in Inss. aleuticis."

Russia, Asia
Alaska, U. S.

Leymus multicaulis (Kar. et Kir.) Tavel. Not. Syst. Inst. Bot. V. L. Komarov Acad. Scient. URSS 20: 430. 1960.

Based on *Elymus multicaulis* Kar. et Kir.

Leymus ovatus (Trin.) Tavel. Not. Syst. Inst. Bot. V. L. Komarov Acad. Scient. URSS 20: 430. 1960.

Based on *Elymus ovatus* Trin.

Leymus paboanus (Claus) Pilger, Bot. Jahrb. 74: 6. 1945.

Based on *Elymus paboanus* Claus

Russia, Eur.

"Hab. ad flumen Kinel et circa Sergievsk (ab amicis. Pabo missus)."

Leymus petraeus (Nevski) Tavel. Not. Syst. Inst. Bot. V. L. Komarov Acad. Scient. URSS 20: 429. 1960.

Based on *Aneurolepidium petraeus* Nevski

Leymus pseudoagropyrum (Trin. ex Griseb.) Tavel. Not. Syst. Inst. Bot. V. L. Komarov Acad. Scient. URSS 20: 430. 1960.

Based on *Triticum pseudoagropyrum* (Trin. ex Griseb.) Griseb.

Leymus racemosus (Lam.) Tavel. Not. Syst. Inst. Bot. V. L. Komarov Acad. Scient. URSS 20: 429. 1960.

Based on *Elymus racemosus* Lam.
Cites *Elymus giganteus* Vahl. as synonym.

Leymus ramosus (Trin.) Tavel. Not. Syst. Inst. Bot. V. L. Komarov Acad. Scient. URSS 20: 430. 1960.

Based on *Triticum ramosum* Trin.

Leymus Regelii (Roshev.) Tavel. Not. Syst. Inst. Bot. V. L. Komarov Acad. Scient. URSS 20: 430. 1960.

Based on *Elymus Regelii* Roshev.

Leymus sabulosus (M. B.) Tavel. Not. Syst. Inst. Bot. V. L. Komarov Acad. Scient. URSS 20: 429. 1960.

Based on *Elymus sabulosus* M. B.

Leymus tianschanicus (Drob.) Tavel. Not. Syst. Inst. Bot. V. L. Komarov Acad. Scient. URSS 20: 429. 1960.

Based on *Elymus tianschanicus* Drob.

Leymus triticoides (Buckl.) Pilger, Bot. Jahrb. 74: 6. 1945.

Based on *Elymus triticoides* Buckl.

Man. U. S.

Rocky Mountains, Nuttall

Leymus ugamicus (Drob.) Tavel. Not. Syst. Inst. Bot. V. L. Komarov Acad. Scient. URSS 20: 429. 1960.

Based on *Elymus ugamicus* Drob.

Leymus vancouverensis (Vasey) Pilger, Bot. Jahrb. 74: 6. 1945.

Based on *Elymus vancouverensis* Vasey

Vancouver Isl., J. Macoun 1887.

Leymus villosissimus (Scribn.) Tavel. Not. Syst. Inst. Bot. V. L. Komarov Acad. Scient. URSS 20: 429. 1960.

Based on *Elymus villosissimus* Scribn.

Libertia arduennensis Lejeune, Nov. Act. Nat. Cur. 12: 757. t. 65. 1825.

"Patria ...circa Aciaville in Provincia Leodiensi. Belgique."

"Michel Agrostol. Belg. Cent. 1. Nro. 51."

= *Bromus arduennensis* Dumort.

Belgium

Libyella cyrenaica (Dur. & Barr.) Pampin. Bull. Soc. Bot. Ital. 1925: 151. fig. 1925.

Based on *Poa cyrenaica* Dur. & Barr.

Africa

Libyella marocana Maire, Bull. Soc. Hist. Nat. Afr. Nord 21: 76. 1930.

"Hab. in pascuis arenosis Imperii Marocani occidentalis: inter urbem Saffi et promontorium Soloqia (Cap Cantin) (Jahandiez et Maire, 1924); prope Lixum (Larache) ad Bou-Charen (Font-Quer et Maire, decembri 1929)."

Africa

Limnas arkansana (Nutt.) Trin. ex Steud. Nom. Bot. ed. 2. 2: 45. 1841; Steud. Syn. Fl. Glum. 1: 153.1854.

Based on *Greenia arkansana* Nutt.

= *Limnoda arkansana* (Nutt.) L. H. Dewey

Arkansas

Man. U. S.

Limnas pilosa (Trin.) Steud. Syn. Fl. Glum. 1: 421. 1854.

Based on "*Sclerachne pilosa* Trin."

= *Limnoda arkansana*

Man. U.S.

Limnas stelleri Trin. Fund. Agrost. 116. pl. 6. 1820.

"(Planta Camschatkae, facie Leersiae)."

Asia

Limnas veresozagini Kryl. & Schischk. Animadv. System. Herb. Univ. Tomsk. No. 4: 1. 1927.

"Hab.: Prov. Semipalatinsk. Montes Altaj austro-occident. In jugo Narymense, prope pag. Katon-Karagai. 12-24. VI. 1920 fl. Leg. Veresozagin. In jugo "Katon'skiy belok" ad fontes rivi "Suphaja" prope pag. Katon-Karagai. 16. VII. 1927 fl. Leg. W. Veresozagin et G. Sumnevich."

Russia - Asia

Limneta cynosuroides L. Rich. in Pers. Syn. Fl. 1: 72. 1805.

"Dact. cynosuroides Lin."

= *Spartina cynosuroides*

Man. U.S.

Limnetis glabra Mutt. Gen. Pl. 1: 38. 1818, name only;
Eaton & Wright, N. Amer. Bot. 301. 1840.

Presumably based on *Spartina glabra* Muhl.

Man. U. S.

Limnetis glomerata (L.) Eaton, Man. Bot. North. States
14. 1817.

Based on *Dactylis glomerata* L.
Europe

Limnetis juncea L. Rich. in Pers. Syn. 1: 72. 1805.

Based on "*Trachynotia juncea* Michaux"
= *Spartina juncea* Man. U. S.

Limnetis juncea var. *monogyna* M. A. Curtis, Boston
Journ. Nat. Hist. 1: 136. 1835.

"Grows abundantly on the sandy beach at the mouth of
Cape Fear river."
= *Spartina patens* var. *monogyna* (M. A. Curtis) Fernald
[Plants around Wilmington, N. C. From title]
Man. U. S.

Limnetis polystachia L. Rich. in Pers. Syn. Pl. 1: 72.
1805.

"*Trachynotia* Michaux."
= *Spartina cynosuroides* Man. U. S.

Limnetis pungens Rich. in Pers. Syn. 1: 72. 1805.

Based on *Dactylis stricta* Smith
Spartina stricta Roth.
Europe
= *Spartina*

? *Limnolobos caduciflora* Turcz. ex Trin. Mém. Acad. St.
Petersb. VI. Sci. Nat. 34: 185. 1840.

as doubtful synonym of "*Hydropyrum esculentum* L. k.
ht. reg. Berol. 1. p. 252."

[= *Zizania aquatica* L.] but short description
differentiating Asiatic from
American plant.

"In lacubus Am. bor. et Dahuriae," for both "in
lacubus inter fluv. Schilka et Argun" for "*Limnolobos*
caduciflora Turcz."

= *Zizania latifolia* (Griseb.) Turcz. ex Stapf.

Limnolobos arkansana (Nutt.) Dewey, Contr. U. S. Nat.
Herb. 2: 518. 1894.

Based on "*Greenia Arkansana* Nutt."
Arkansas Man. U. S.

Limnolobos arkansana var. *pilosa* (Trin.) Scribn. U. S.
Dept. Agr. Div. Agrost. Bull. 7 (ed. 3.): 139. 1900.

Based on "*Solersachne pilosa* Trin."
Texas Drummond
= *L. arkansana* Man. U. S.

Limnolobos Meeboldii (C.E.C. Fisch.) C. E. Hubb. in Hook.
Icon. Pl. 35: pl. 3432. 1943.

Based on *Coelachne Meeboldii* C.E.C. Fischer
India. Cochin State---Meebold 12520.

Lingnania atra McClure, Journ. Arn. Arb. 23: 98. 1942.

"Type: W. T. Tsang 30546, collected Sept. 29, 1940,
near Kau Kasi Ts'uen, at the foot of Kau Nga Shan."

French Indo-China

Lingnania aerosissima (McClure) McClure, Lingnan Univ.
Sci. Bull. No. 9: 35. 1940.

Based on *Bambusa aerosissima* McClure
Kwangtung---McClure 13313

Lingnania Chungii (McClure) McClure, Lingnan Univ. Sci.
Bull. No. 9: 35. 1940.

Based on *Bambusa Chungii* McClure
Type species of *Lingnania* McC.
Kwangsi.....13413 McClure
S. E. China

Lingnania fimbriatigulata McClure, Lingnan Univ. Sci.
Bull. No. 9: 35. 1940.

"Hainan: Lung Mo Shan and vicinity, Aug. 22-27, 1929,
LU 18330 (P. S. Fung), and BG 1984 (living type)
established in Lingnan University Bamboo Garden, from
which additional specimens under H. Fung 20729 (type),
were collected Sept. 8, 1933."

Lingnania Funghomii McClure, Lingnan Univ. Sci. Bull.
No. 9: 36. 1940.

"Kwangsi: Hsing-an Dist., 6 li from Hsing P'ing Ts'uen,
Hua Chiang Hsiang, plants 3 m tall, wild on moist,
gentle slope near stream; culms used for weaving,
July 27, 1937, H. Fung 21073 (type)."

Lingnania parviflora McClure, Lingnan Univ. Sci. Bull.
No. 9: 37. 1940.

"Hainan Island: K'lung-shan Dist., cultivated in the
edge of Kiung-chow City, Apr. 13, 1932, McClure
20026 (type)."

Lingnania remotiflora (Kuntze) McClure, Journ. Arn. Arb.
23: 101. 1942.

Based on *Arundinaria remotiflora* Kuntze
"Turong in Anam."
Cochinchina

Lingnania scandens McClure, Lingnan Univ. Sci. Bull.
No. 9: 38. 1940.

"Hainan: Yai Dist., Yeung Lam Shan, near Yeung Lam
village, May, 1936, S. K. Lau, 6289 (type). Unfortu-
nately the collector's notes are very brief and do
not reveal even the size of the plant. In the ab-
sence of culm sheaths, and in view of the climbing
habit indicated, the identification of this specimen
as belonging to *Lingnania* is somewhat uncertain."

Lingnania sesquiflora McClure, Journ. Arn. Arb. 23: 99.
1942.

"Type: W. T. Tsang 30102, collected June 30, 1940, at
Lung Waan."
French Indo-China

Lingnania Tsiangii McClure, Sunyatsenia 6: 41. pl. 9.
1941.

"Kweichow: Between Tsun-Yi and Kwei-Yang, April-June
1930, Y. Tsiang 6495, Type in Herb. Bot. Inst., SYS."

Lintonia brizoides (Chiov.) C. E. Hubb. in Hill, Fl.
Trop. Afr. 10: 149. 1937.

Based on *Joannegria brizoides* Chiov.
Abyssinia

Lintonia nutans Stapf in Hook. Icon. Pl. 30: pl. 2949.
1911.

"British East Africa: Nairobi, Linton, 193."

Lintonia nutans var. *melicoides* Chiov. Webbia 8: 116.
1951.

Based on *Negria melicoides* Chiov. Ann. di Botan. 10.
411. (1912).

Cangiaro, 28 Apr. (n. 456), El Banno, 30 Apr. (n. 605)
Southern Abyssinia

Lipeocercis annulata Nees Fl. Afr. Austr. 1: 98. 1841.

Based on "*Andropogon annulatus* Vahl, Symb. II. p. 102.
R. & S."

"Herb. Radd. ex Aegyptio." S. Veg. II. p. 820.---
(Drège.) Namaqualand.

= *Andropogon annulatus* Forsk fide Hack. Monogr. p. 572
"Ex India Orientali misit Dn. Königius."

Lipeocercis mollicoma (Kunth.) Nees, Edinb. New Phil.
Journ. 18: 185. 1835.

Based on *Andropogon mollicoma* Kunth.

= *A. cariosus* L. ssp. *mollicoma* (Kunth) Hack.

"insulis Franciae et Timor"
Indian Ocean

Lithachne axillaris Beauv. Ess. Agrost. 135, 166. t. 24.
f. 2. 1812. (specific name given in index p. 166,
only)

In index (p. 168) sub *Olyra* "*pauciflora* Sw. Vid.
Lithachne" is given.

no reference to *O. axillaris* Lam. is given.

= *Lithachne pauciflora* (Sw.) Beauv. in Poir.
Jamaica Man. W. I.

Lithachne horizontalis Chase, Journ. Washington Acad.
Sci. 25: 189. f. 1. 1935.

"Type in the U. S. National Herbarium no. 1,255,920,
collected on a moist gentle slope above streamlet,
near Bello Horizonte, Minas Geraes, Brazil, March
25, 1925, by Agnes Chase (no. 9057). Known only
from the type collection."

Lithachne pauciflora (Swartz) Beauv. in Poir. Dict.
Sci. Nat. 27: 60. 1823.

Based on Beauvois' citation of *Olyra pauciflora* Sw.
Jamaica

Lithachne pineti (Wright) Chase, Proc. Biol. Soc.
Washington 21: 182. July 1908.

Based on *Olyra pineti* Wright,
Eastern Cuba, Wright.

Lithagrostis lacryma jobi Gaertn. Fruct. et Sem. 1: 7.
t. 1. f. 10. 1788.

Based on *Coix lacryma jobi* L.

= " " " "
Orient, cult.

Littledealea alaiica (Korsh.) Petr. ex Komarov, Fl. U.R.S.S. 2: 553. pl. 43. fig. 8 a-e. 1934.

Based on *Bromus alaiicus* Korsh.
Turkestan.

Littledealea racemosa Keng, Contr. Biol. Lab. Sci. Soc. China 9: 136, fig. 15. 1934.

"Type in the Herbarium of the Biological Laboratory, the Science Soc. of China, Nanking, China, collected on grassy slope, Sungpan H sien, Szechuan Province, Aug. 9, 1928, by W. P. Fang (no. 4096); dupl. type in the U. S. Nat. Herb. no. 1526627."

Littledealea tibetica Hemsley, Kew Bull. Misc. Inf. 1896: 215. 1896; Hook. Icon. Fl. t. 2472. May 1896.

"Hab. Central Tibet; Ooring Valley, ... St. George R. Littledeale, July and August 1895."

Littledealea tibetica var. *paucispica* Keng, Claves gram. prim. Sinicorum 173. 1957. nom. nud.

China

Lodioularia capensis (Trin.) Nees, Fl. Afr. Austr. 128. 1841.

Based on *Hemarthria capensis* Trin.
Cape Good Hope

Lodioularia fasciculata (Desf.) Beauv. Ess. Agrost. 108, 166. pl. 21. f. 6. 1812.

Based on *Rottboellia fasciculata* Desf.
= *Manisuris altissima* (Poir.) Hitchc.
North Africa

Lodioularia hamiltoniana Nees ex Steud. Syn. Fl. Glum. 1: 358. 1854, (species not mentioned, only "mpt. sub: *Lodioularia*"); Jacks. Ind. Kew 108. 1894.

Hemarthria hamiltonia Nees ex Steud. Syn. Fl. Glum. 1: 358. 1854 (mpt. sub. *Lodioularia Rottboellia compressa* Hamilt. in Wall. cat. nr. 8870C. Ind. or.

Lodioularia laxa Nees ex Steud. Syn. Fl. Glum. 1: 358, 455. 1854, as syn. *Hemarthria laxa* Nees ex Steud.

India. Wall. Cat. nr. 8871.

Lodioularia peruviana Nees in Meyen, Reise Erde 2: 71. 1835, nom. nud.

referred to *Rottboellia compressa* var. *fasciculata* (Lam.) Hack. p. 286. this = *Manisuris altissima* (Poir.) Hitchc.

Lodioularia protensa Nees ex Steud. Syn. Fl. Glum. 1: 359. 1854, (species not mentioned only "mpt. sub: *Lodioularia*"); Jacks. Ind. Kew 108. 1894.

sub *Hemarthria protensa* (Nees) Steud. l.o.
"Wall. cat. nr. 8872. Ind. Or."

India

Lolium orientale (Boiss.) Kresz & Bobr. in Komarov, Fl. U.R.S.S. 2: 544. 1934.

Based on *Nardurus orientalis* Boiss.
Aleppo, Syria

Lolium aechicum Rouv. Monogr. Lolium 35. 1853, error for *oechicum*, which see.

Lolium aegyptiacum Bell ex Rouv. Monogr. Lolium 43. 1853, as syn. of *L. speciosum* Bieb.

Lolium agreste Hort. ex Roem. & Schult. Syst. Veg. 2: 748. 1817, as syn. of *L. perenne*.

Lolium album Steud. Nom. Bot. ed. 1. 491. 1821; as syn. of *L. temulentum* L.

Lolium ambiguum Desp. Fl. Sarth & Mayenne 329. 1838.

Gallia

Lolium annuum Lam. Fl. Franc. 3: 620. 1778.

"Bauh. Pin. 9."

"*Lolium temulentum* L." cited.

Europe

Lolium annuum Gilib. Exerc. Phyt. 2: 520. 1792. not Lam. 1778.

"*Lolium perenne* L. ... prope Grodnam [Lithuania]... Lugduna cited.
[Lyons, France -- herb. here]
Lithuania, Eur.
France

Lolium annuum Bernh. Sem. Hort. Erf. 1801. cf. Lam. 1778.

Europe

Lolium appenninum Brouss. Cat. Hort. Monsp. 35. 1804, nom. nud.

[Italy]

Lolium arenarium Rouv. Monogr. Lolium 38. pl. 2. f. 9, 10. 1853

"Vivit in locis arenosis: Ports-Cros, Toulon et les Îles d'Hyères."

France

Lolium aristatum (Willd.) Lag. Gen. & Sp. Nov. 5. 1816.

Based on "*L. perenne* Linn. var. *aristatum* Willd. Sp. Plant. 1: p. 462. [without descr.]--Vall. Paris pag. 80. tab. 17. f. 3. bona." [prelinnaean]

"Venit inter segetes in Gallogrecia, unde semina missit D. Santamarina."

Europe

Lolium arvense With. Bot. Arr. Veg. Brit. ed. 3. 2: 168. 1796.

British. No loc. cited.

= *L. temulentum* var. *leptochaeton* A. Br. Man. U. S.

Germany

Lolium arvense Schrad. Fl. Germ. 399. 1806.

Schrad. cites With. Brit. 3: 168. [1796] but in Ind. Kew 2: 109. 1894. listed as new = *L. remotum*.

Schrader cites *L. remotum* Schrank. as syn.

Europe

Lolium arvense var. *complanatum* (Schrad.) Mutel, Fl. Franc 4: 141. pl. 91. f. 640. 1837.

Based on *L. complanatum* Schrad.

"Bot. Garten zu Göttingen im Jahr 1809 geblüht haben"
From title

Lolium arvense var. *complanatum* Schrad. Linnaea 12: 463. 1838.

"Europe, Asia occidentalis, Americ."

Lolium arvense var. *speciosum* Gaudin, Fl. Helv. 1: 354. 1828.

"misit Schleicherus."

Switzerland

Lolium arvense var. *tenuis* G. Meyer, Chloris Hanov. 613, 614. 1836.

Lüneburg: bei Medingen."

[Germany]

Lolium asperum Roth ex Kunth, Raum. Fl. 1: 436. 1833; as syn. of *L. arvense* With.

Europe

Lolium berteronianum Steud. Syn. Fl. Glum. 1: 340. 1854.

"*L. temulentum* var. *Berter. hrbr. nr. 1108*" in T

Chile

= *temulentum* L.

Lolium Boucheanum Kunth, Rév. Gram. 2: 665. pl. 220. 1834.

"Crescit in Italia."

Lolium brasilianum Nees, Agrost. Bras. 443. 1829.

"Habitat ad Monte Video. (Sellow) (Vidi in Herb. Reg. Berol.)"

Uruguay

= *perenne* L.

Man. U. S.

Lolium bromoides Huds. Fl. Angl. ed. 2. 1: 55. 1778.

"Habitat in littoribus maritimis, in arena mobili. Anglia."

England

Lolium canadense Michx. ex Roem. & Schult. Syst. Veg. 2: 893. 1817.

[Michx. ex Brouss. Elench. Fl. Hort. Monsp. 35. 1805 nom. nud. Mr. Killip saw this in Eur. He says name only, no description.]

"Ex H. Monspelienis."

["descr. suggests a tall plant of *L. perenne*"--Man. U.S. basis of *L. temulentum* var. *canadense* (Michx.) Wood]

Lolium canadense Bernh. ex Rouv. Monogr. Lolium 27. 1853, as syn. of *L. perenne* L.
of Michx. ex Brouss. 1805.

Lolium canariense Steud. Syn. Fl. Glum. 1: 340. 1854.

"Ins. Canar."

Isl. Atlantic Ocean
Africa

Lolium oechicum Opiz ex Bercht. Oekon.-Techn. Fl. Böhmens 1: 379. 1836; Opiz, Seznam, Rostl. České 60. 1852.

"In Böhmen, Opiz."

Europe

Lolium coeloraohis Forst. ex Steud. Nom. Bot. ed. 2.
2: 64. 1841, as syn.

"Forst. in hrb. Paris. *Lepturus repens*."

Lolium complanatum Schrad. Neu. Journ. Bot. Schrad.
4: 73. 1810.

["bot. Garten zu Göttingen im Jahr 1809 geblüht
haben." From title.]

Germany

Lolium compositum Thuill. Fl. Env. Paris n. ed. 62. 1799

"Habitat in agris cultis." Paris

France

Lolium compressum Boiss. & Orph. ex Nyman, Consp. Fl.
Eur. 845. 1882, as syn. of *L. rigidum* Gaudin.

Europe

Lolium crassiculme Rech. Denkschr. Akad. Wiss. Math.-
Naturw. (Wien) 105 (Halbband 2, Abt. 1): 175. f. 14.
1943.

"*L. loliaeum* Rech. fil., Fl. Aeg. 788 p.p."

Rhodos: Sandstrand am Kap Vodi (8390).--Sitia: Sand-
strand bei Limin Sitias, 2. Mai 1942 (12.481, Typus),
Strand unterhalb Aohladi (12.753).

Flora von Kreta

Rhodes, Crete

Lolium cristatum Pers. Syn. Fl. 1: 110. 1805; Ind.

Kew. 2: 108. 1894. See *Lolium perenne* var. *crista-*
tum Pers. ipse.

Lolium cuneatum Nevski in Malz. Sorn. Rast. U.R.S.S.

1: 271. 1934, in Russian; Nevski, Acta Inst. Bot.
Acad. Sci. U.R.S.S. I. 2: 40. 1936, Latin descr.

See also: Nevski in Komarov, Fl. U.R.S.S. 2: 547.
pl. 44. f. 3a,b. Aug. 24. 1934, in Russian.

"*L. temulentum* var. *semiglabrum* Litw." cited.

"Typus spec.: in valle kuhitang-darja, lg. S. Nevski
18. VI. 1931, no. 311." Asia media

Lolium cylindricum K. Koch, Linnaea 21: 434. 1848.

"Auf Mergel,in der schirwan' sehen Ebene."

Caucasia

Lolium cylindricum (Willd.) Aschers. & Graebn. Syn.
Mitteleur. Fl. 2: 762. 1902.

Based on "*Rottboellia cylindrica* Willd."

= *Monerma cylindrica*

Nan. U. S.

Lolium decipiens Dum. Obs. Gram. Belg. 98. pl. 2. f. 8.
1823.

Belgium

Lolium distachyum L. Mant. Fl. 187. 1771.

"Habitat in Malabarica. Koenig."

India

Lolium distachyum Willd. "hrb." ex Steud. Nom. Bot.

ed. 2. 2: 65. 1841 [not L. 1771] as syn. of
"*Leptochloa monostachya* [Beauv.] ex Roem. & Schult.
Syst. Veg. 2: 581. 1817] R. & S. p. 581, cite
"*Cynosurus monostachyus* Vahl, Symb. II p. 20. [1791];
Willd. Spec. 1: 415 *Chloris monostachya* Poiret,
Suppl. II, p. 238. no. 14, non no. 9." 1811. Not
Michx. 1803.

= *Chloris tenella* Roxb?

India Dr. König

Lolium durum K. Koch, Linnaea 21: 434. 1848.

"In Schirwan auf Mergel und Kalk." Old World

"caucasia"

U. S. S. R.

Lolium elegans Steud. Syn. Fl. Glum. 1: 341. 1854.

"Prov. Oran. Afr. bor."

N. Africa

Lolium elongatum Hort. ex Rouv. Monogr. Lolium 35. 1853,
as syn. of *L. multiflorum* Lam.

Europe

Lolium felix Rouv. Monogr. Lolium 25, pl. 1. f. 1a 7.
1853.

Europe

Lolium festuca Rasp. in Saig. & Rasp. Ann. Sci. Obs.
2: 244. 1829.

Based on "*Festuca elatior*" [L.]

=

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Europe

Lolium festuca Rasp. ex Mutel, Fl. Franç. 4: 111. 1837,
as syn. of *Festuca pratensis*

Festuca

Lolium festucaeum Link, Handb. Gewächse 1: 819. 1829.

Based on "*Festuca loliaeum* Huds."

prope Vauxhall,

England

Lolium festuroides Rasp. in Saig. & Rasp. Ann. Sci.

Obs. 2: 79. 1829. ex Mutel, Fl. France 4: 112. 1834
[in Bradley]

Europe

Lolium festuroides Rasp. ex Mutel, Fl. Franç. 4: 112.
1837, as syn. of *F. loliaeum*.

France

Lolium flagellare Sprun. ex Boiss. Fl. Orient. 5: 680.
1884, as syn. of *Lolium rigidum* Gaudin.

"Sprun. pl. exs."

Lolium gaudini Parl. Fl. Ital. 1: 532 in obs. 1848.

Lolium multiflorum Gaud. not Lam. nor De Candolle
Europe

Lolium Gaudini var. *aristatum* (Post) Dinsm. in Post, Fl.
Syria, Palest. & Sinai ed. 2. 2: 790. 1933.

Based on *L. multiflorum* var. *aristatum* Post

Syria

Lolium gaudini var. *breviaristatum* Aschers. & Graeb. ex
Lojac. Fl. Sicul. 3: 382. 1909.

"P. Asch. Gr. [syn II 758]" but this not in Aschers.
& Graebn. Syn. Mitteleur. Fl. 2: 758 nor elsewhere
in Asch. & Graeb.

Lolium gaudini var. *longiaristatum* Aschers. & Graeb. ex
Lojac. Fl. Sicul. 3: 381. 1909.

[*L. multiflorum* var. *longiaristatum* Aschers. &
Graeb.]

Lolium gaudini var. *pseudo-rigidum* Lojac. 3: 382. 1909.

"Palermo, Trapani, Gurgu S. Ciro, Gurgu Saraceno,
Dingoli Tin. in Herb. Pan."

Sicily

Lolium Gaudini var. *pumilum* (Boiss.) Dinsm. in Post, Fl.
Syria, Palest. & Sinai ed. 2. 2: 790. 1933.

Based on: *L. multiflorum* var. *pumilum* Boiss.

in arenosis Syriae littoralis ad Sidonem (Gaill. no.
829!) ad Nahr el Kasimieh (Barbey!)"

Asia

Lolium giganteum Hort. ex Roem. & Schult. Syst. Veg.
2: 750. 1817, as syn. of *L. maximum* Willd.

Lolium glumosum Plan.-Gir. Ensayo Fl. Gallega 409. 1852.

"Crece en los Agros de Carreiro y en los campos de
las márgenes del Sarela."

Spain

Lolium Gmelini Honck. Vollst. Syst. Verz. Aller Gew.
Teutschl. 328.

Germany

= *L. perenne*?

Lolium gracile Dum. Obs. Gram. Belg. 99. 1823.

Belgium

Lolium gracile Parl. in Webb. & Berth, Hist. Nat. Phyt.
Canar. 3: 423. 1836-50. Not Dum. 1823.

Canary Isls.

"Hab. in Paso del Pino, Barranco dell' Acqua
Grainar. Species Canariensis."

Lolium gracile Hegetschw. & Heer, Fl. Schweiz 105. 1840.
Not Dum. 1823.

Schweiz

Switzerland

Lolium gussonei Nyman, Consp. Fl. Eur. 844. 1882,
without descr.

Nyman cites only: "*L. Gussonei* nob. *L. arvense* Cuss.
syn.--Sicil."

Gussone credits *L. arvense* to Smith, Brit. 1. p. 150.
Smith credits to With. p. 168.

Lolium halleri K. Gmel. Fl. Badens. 1: 271. 1805.

Based on "*L. perenne*...Hall. Stirp. helv. n. 1418."
Switzerland

Lolium X hubbardii Jansen & Wachter, Fl. Neerl. 1: Afl.
2: 110. 1951.

"sine descr. lat."

Holland

Lolium humile Rouy, Fl. France 14: 309. 1913.

L. strictum var. *tenue* Gren. & Godr. Fl. Fr. 616.

France

Lolium Husnoti Sennen, Bull. Soc. Bot. France

74: 408. 1927, nom. nud.

[Cerdagne]

Spain

Lolium Husnoti var. *rigidum* Sennen, Bull. Soc. Bot.

France 73: 678. 1927, nom. nud.

"Hab. Llivia, Ur, Estavar, etc., champs."
(No. 3269 Sennen)

Spain

X *Lolium hybridum* Hausskn. Mitt. Bot. Ver. Jena

5: 32. 1887.

Germany

Lolium infelix Rouv. Monogr. *Lolium* 39. pl. 3. f. 1, 9.

1853.

"Habitat in agris Europae."

Lolium italicum A. Br. Flora 17: 241. 1834.

[Carlsruhe]

Germany

L. multiflorum acc. to A.S.H. Man. U. S.

Lolium italicum var. *aristatum* Alefeld, Landw. Fl.

358. 1866.

Cult.

Lolium italicum var. *aristatum* Goiran, Bull. Soc. Bot.

Ital. 1899: 288. 1899, without descr.

Gives "mh." = mihi

"in Campomarzo di Verona!"

Italy

Lolium italicum var. *laxum* Sickenb. Mém. Inst. Egypt

4: 314. 1901, without descr.

[Nile Delta Region] Ile Rodah

Lolium italicum var. *microstachyum* Hack. in Goiran,

Bull. Soc. Bot. Ital. 1899: 287. 1899, without descr.

"Hack. in lit!"

"la var. che s'incontra mutica ed aristata, presso Verona a S. Michele e Centore, a Montorio, a Monteforte d'Alpone, alle Mole della Ferrara di monte Baldo!"

Italy

Lolium italicum var. *muticum* Parl. Fl. Ital. 1: 531.

1848.

Italy

Lolium italicum var. *muticum* Doell. in Mart. Fl. Bras.

2^v: 237. 1880. Not Parl. 1848?

"Habitat ad Monte Video; utraque varietas (Sello)..."

Uruguay

Lolium italicum var. *muticum* Goiran, Bull. Soc. Bot.

Ital. 1899: 287. 1899, without descr.

see Parl. 1848. Given: "mh." = mihi

"la var. piuttosto rara, nei fossi della città di Verona e nella val d'Adige presso Domegliara!"

Italy

Lolium italicum var. *ramosum* Parnell, Grasses of Britain

302, pl. 151. 1845.

Islay "In almost every field of Italian Rye-Grass specimens of this branched variety are frequently met with."

3 branches, each with 4 spikelets, all awned.

Britain

Lolium italicum var. *ramosum* Goiran, Bull. Soc. Bot.

Ital. 1899: 288. 1899, without descr.

see Parnell 1845. "mh." = mihi

"le var. in Campomarzo di Verona"

Italy

Lolium italicum var. *strictum* Sickenb. Mém. Inst. Egypt

4: 314. 1901, without descr.

[Nile Delta Region] Cairo. Pfd [Dr. Pfund] Ile Rodah! Kasr el Aini!

Egypt

Lolium italicum var. *tenue* Sickenb. Mém. Inst. Egypt

4: 314. 1901, without descr.

[Nile Delta Region] Ile Rodah!

Egypt

Lolium jechelianum Opiz, Lotos 2: 229. 1852.

[Seznam. Rostl. Ceskí 60. 1852, without descr.]

"Krumau 1851. Jechl Frankfurt a. M. Bagge." [From Lotos]

"L. perenne Bagge" [from Seznam] cited

Europe

Lolium latum Roth ex Steud. Nom. Bot. ed. 1. 492. 1821,

as syn. of *L. perenne* L.

Europe

Lolium lepturoide Lojac. Fl. Sic. 3: 373. 1909.

Not *L. lepturoides* Boiss. 1853.

Sicily

Lolium lepturoides Boiss. Diagn. Fl. Orient. Nov. I.

2(fasc. 13): 67. 1853.

"Rottbolla loliacea Bory et Chaub." cited

"Hab. in Peloponneso circa Modon."

Greece

Lolium lepturoides Boiss. f. *maritima* (Gren. & Godr.)

Trabut, Bull. Soc. Hist. Nat. Afr. Nord 9, p. 17.

1918.

North Africa

Lolium Lesdaini Senn. Mem. Acad. Cienc. Barcelona III.

20th: 10. 1928, in obs.

Spain

Lolium linicola Sonder, A. Braun, Ind. Sem. Hort. Berol.

4: 4. 1857. nom. nud.

Q

Lolium linicola var. *complanatum* (Sohrad.) Koch, Syn.

Fl. Germ. Helv. ed. 2. 957. 1843.

Based on "*L. complanatum* Schrad. Reichb. D. F. t. ex. f. 230."

["bot. Garten zu Göttingen im Jahr 1809 geblut haben"

--from title.]

Lolium linicola var. *pseudo-linicola* (Germ.) Richt. Fl.

Eur. 1: 121. 1890.

L. pseudo-linicola Germ.

"a Caprera in mezzo ai seminati"

Isl. Mediterranean

Italy

Lolium linicolum A. Br. Flora 17: 258. 1834.

Sond. in Koch, Syn. Fl. Germ. Helv. ed. 2. 957. 1843.

"In agris inter Linum."

Germany

[*L. linicola* Sond. Benth. (Fl. Austral. 7: 667. 1878) as syn. of *L. temulentum* var. *linicola* *L. linicola* Sonder. A. Braun, Ind. Sem. Hort. Berol. 4. 1857.

Lolium linicolum var. *aristatum* Doell. Fl. Bad. 1: 113.

1857.

"habe ich im Jahr 1838 in nicht beträchtlicher Entfernung, nämlich im Taurus zwischen Hefttrich und Croftel gesammelt."

Germany

Lolium loliaceum (Bory & Chaub.) Hand.-Mazz. Ann.

Naturhist. Hafmus. Wien 28: 32. 1914.

Based on *Rottboellia loliacea* Bory & Chaub.

Modon, Greece

Lolium loliaceum var. *aristatum* (Lindb. f.) Hayek,

Repert. Sp. Nov. Fedde Beih. 30^v: 299. 1932.

Based on *L. subulatum* var. *aristatum* Lindb. f.

Lolium longiglume St. Lager in Carlot, Stud. des fl.

ed. VIII. 2: 955. 1889.

Lolium Loweii Menezes, Gramin. Arch. Madeira 47. 1906.

Lolium lucidum Dumort. Obs. Gram. Belg. 98. 1823.

Belgium

Lolium macilentum Delastre, Fl. Départ Vienne 498. 1842.

"Entre Mauvillaint et l'île-Jourdain"

[France]

Lolium marschallii Steven, Bull. Soc. Nat. Moscou

30^v: 103. 1857.

"In Tauria meridionali."

Russia, Eur.

Lolium maximum Willd. Sp. Pl. 1: 462. 1797.

"Habitat in Jamaica."

= *L. temulentum* Man. W. I.

Lolium maximum Guss. Fl. Sic. Syn. 1: 60. 1842.

See Willd. 1797.

Sicily

= *L. temulentum*

Lolium multiflorum Lam. Fl. Frang. 3: 621. 1778.

"J'ai trouvé cette plante sur le bord des prés & des champs, dans les environs de Péronne."

Man. U. S.

France

Lolium multiflorum Lam. misappl. by Gaudin, Fl. Helv.
1: 354. 1828.

Basis of *L. gaudini* Parl.
Switzerland

Lolium multiflorum Lam. misappl. by? Guss. Fl. Sic. Syn.
1: 58. 1842.

Sicily

Lolium multiflorum var. *aristatum* Mutel, Fl. Frang.
4: 139. 1837.

This is given as "variation" in habitat p. 140 and probably is same as form as he also mentions "var. b. c. and d."

Only descr. given is: "3°. toutes munies d'arêtes, les intermédiaires plus longues, égalant ou dépassant la fl.: aristatum."

"Bone" [France]

Lolium multiflorum var. *aristatum* Post, Fl. Syria,
Palestine & Sinai 896. [1896]

"Sands; Nahr-el-Ghadîr."

West Asia

Lolium multiflorum var. *aristatum* (Lag.) Brand in Koch,
Syn. Deutsch. Schweiz. Fl. ed. 3. 3: 2805. 1907.

Based on *Lolium aristatum* Lag. [published without descr.]

"Venit inter segetes in Gallogrecia, unde semina missit D. Santamarina."

Lolium multiflorum var. *Boucheanum* (Kunth) Beck, Fl.
Nieder-Oesterr. 1: 112. 1890.

Based on *Lolium boucheanum* Kunth
Italia

Lolium multiflorum var. *brachypodiatum* Aschers. &
Graebn. Syn. Mitteleur. Fl. 2: 758. 1902.

Based on *L. italicum* var. *brachypodiata* Stebl. &
Schrot. Schw. Gräs. V. No. 240! [1895]

St. Luc im Einfischthal Ct. Wallis (Stebler u.
Schröter!)

Schw. B. G. VIII. 119. [1898]

Lolium multiflorum var. *complanatum* Mutel, Fl. Frang.
4: 139. 1837.

Description: "o. Epi aplani dans le haut en masse,
large de 9-10 l. sur une longueur de 3 po., à
épillet très-rapprochés, presque longs de 1 po.:
complanatum."

"Bone" [France]

Lolium multiflorum var. *compositum* (Thuill.) Mutel, Fl.
Frang. 4: 140. pl. 91. f. 638. 1837.

"d. Epi rameux a la base: compositum Mut. t. 91.
f. 636. L. compositum Thuill."

Based on *L. compositum* Thuill.

Cult. Paris

Lolium multiflorum var. *decompositum* Breb. Fl. Norm.
ed. 2. 322. 1849.

"Rouen, Lisieux, Falaise, etc."

France

Lolium multiflorum var. *diminutum* Mutel, Fl. Frang.
4: 139. 1837.

Description:

"b. Epillets à 5-10 fl. munies d'arêtes: diminutum.
L. Boucheanum Kunth gram. t. 220."

"Bone" [France]

Lolium multiflorum var. *excelsum* Griseb. Spic. Fl.
Rum. 2: 430. 1844.

"In insula Tassos: in arvis pr. Kanajia!"

Jugoslavia

Lolium multiflorum ssp. *gaudini* (Parl.) Schinz & Keller,
Fl. Schw. ed. 2. 1: 65. 1905.

var. *gaudini* (Parl.) Asch. & Graeb. Syn. Fl.

Mittelleur. 2: 758. 1902.

Based on *L. gaudini* Parl.

Sicily

Lolium multiflorum var. *Gaudini* Aschers. & Graebn.
Syn. Mitteleur. Fl. 2: 758. 1902.

"L. Gaudini Parl." cited. [*L. multiflorum* Lam.
misappl. by Gaudin]

Lolium multiflorum ssp. *gaudini* var. *gaudini* Maire &
Weiler, Flore Afrique Nord. 201. 1955.

"f. *macrathetrum* Maire & Weiler, n. nom. -L. multi-
florum var. *gaudini* f. *longiaristatum* Pamp. Fl.
Trip. 28. "Type de la variété."

f. *brachyatherum* Maire & Weiler n. nom. -L. m.
var. *gaudini* f. *submuticum* Pamp. Fl. Trip. 28.

f. *anatherum* Maire & Weiler n. nom. -L. m. f.
muticum Asch. & Graeb. pro parte.

f. *ramosum* Guss. Fl. Sic. Syn. 1: 59. 1842.

Lolium multiflorum ssp. *italicum* (A. Br.) Schinz &
Keller, Fl. Schweiz ed. 2. 1: 65. 1905.

Based on *L. italicum* A. Br.

Lolium multiflorum ssp. *italicum* Volk in A. & Doris Löve,
Dept. Agr. Reports, Ser. B. No. 3: 29. 1952.

Nom. nud. In a list of grasses: Löve, A. and Doris
Löve, Chromosome Numbers of Northern Plant Species.

[Finland]

Lolium multiflorum var. *italicum* (A. Br.) Beck, Wiss.
Mitt. Bosn. Herzeg. 9: 459. 1904.

"[A. Braun in "Flora" (1834), 259, als Art]."

Carlsruhe, Germany

Lolium multiflorum var. *longearistatum* Merino, Fl.

Desor. Illustr. Galicia 3: 396. 1909.

f. *distachyum* Merino l.c.

"(var. *aristatum*, Contr à la Fl. de Gal. Supl. I,
pág. 13)." cited.

Spain

Lolium multiflorum var. *longiaristatum* Aschers. &
Graebn. Syn. Mitteleur. Fl. 2: 758. 1902.

Europe

Lolium multiflorum f. *microstachya* Uechtritz, Jahresb.
Schles. Ges. Vaterl. Cult. 1876: 334. 1880.

Germany

= *Lol. multiflorum* Lam. Man. U. S.

Lolium multiflorum ssp. *multiflorum* (Husnot) Becher.
Bericht. Schweiz Bot. Gesell. 38: 156. 1929.

Based on "L. perenne ssp. *multiflorum* Husnot, Gram.
de France 4^e livr. p. 85. 1899."

France

Lolium multiflorum var. *muticum* DC. Fl. Frang. ed. 3,
enl. 5: 286. 1815.

"aux environs de Montpellier."

France

Lolium multiflorum var. *muticum* Mutel, Fl. Frang.
4: 139. 1837.

[This is given as "variation" in habitat p. 140 and
probably is same as form "var. b, c, and d." are
also mentioned]

Only descr. given: "varie à fl. 1.^o toutes sans are-
tes: muticum."

"Bone" [France]

Lolium multiflorum var. *muticum* St. Lager in Cariot
Étude des Fleurs ed. 8. 2: 954. 1889. Not Mutel
1837.

France

Lolium multiflorum var. *peremans* Aschers. & Graebn.
Syn. Mitteleur. Fl. 2: 757. 1902.

Europe

Lolium multiflorum var. *pumilum* Boiss. Fl. Orient.
5: 679. 1884.

"Hab. in arenosis Syriae littoralis ad Sidonem
(Gaill. no. 829!) ad Nahr el Kasimieh (Barbey!)."

Syria

Lolium multiflorum var. *ramosum* (Guss.) Parl. Fl. Ital.
1: 532. 1848.

(same comb. made by Arcang. Comp. Fl. Ital. 799.
1882.)

Based on *L. temulentum* var. *ramosum* Guss.

Sicily

Lolium multiflorum var. *ramosum* Lange, Bot. Tidsskr.
[10]: 189. 1877-79, nom. nud.

"[Jylland?]: Skibildgaard ved Herning (Lind)."

Scandinavia

Lolium multiflorum var. *robustum* Sickenb. Mém. Inst.
Egypt. 4: 314. 1901, without descr.

[Nile Delta Region] Cairo. Pfd. [Dr. Pfund] Ile
Rodah!

Lolium multiflorum var. *seabrum* Bouly de Lesd. Publ.
Soc. Dunk. 1934: 90. 1934.

[Dunkerque]

France

Lolium multiflorum var. *sioulum* (Parl.) Maire, Cat.
Plantes du Maroc IV: 945. 1941.

Presumably based on *L. sioulum* Parl.

Italy

Lolium multiflorum var. *subaristatum* Mutel, Fl. Frang.
4: 139. 1837.

This is given as "variation" in habitat p. 140 and
probably is same as form since "var. b.c. and d." are
also cited.

Only descr. given: "2.^o les sup. seulement de chaque
épillet munies de courtes arêtes: subaristatum."

"Bone" [France]

Lolium multiflorum submuticum Mutel, Fl. Frang. 4: 139. 1837.

Description:

"Varie à épillet presque sans arêtes: submuticum. L. Brasilianum Nees Esenb. in Mart."

Mutel cites localities for 3 "variations" and for "var. b, c. and d." species multiflorum.

L. m. submuticum not mentioned in localities. The 3 other "varie" he calls variations, and are numbered 1, 2, 3. This varie is unnumbered.

Above trinomial is cited in Aschers. & Graebn. Fl. Mitteleur.

Lolium multiflorum var. *submuticum* Celak. Prodr. Fl. Bohm. 728. 1881.

See Mutel, 1837. Aschersen & Graebn. cites both.

Only description given is: "Deckspelzen fast alle grannenlos oder einige mit ganz kurzer Granne."

"So auf Wiesen bei Karlsbad (E. Hackel)!"

Czechoslovakia

Lolium multiflorum var. *tenue* Sickenb. Mém. Inst. Egypt. 4: 314. 1901, without descr.

[Nile Delta Region]

Ile de Rodah! Egypt

Lolium oechium Rouv. Monogr. *Lolium* 53, error for *Oechium*, which see

Lolium osiridis Fig. & Delile ex Rouv. Monogr. *Lolium* 47. pl. 2. f. 2, 3. 1853, as syn. of *L. italicum*

Lolium parabolicae Sampaio, Bol. Soc. Broteriana II: 1: 125. 1922.

Described in Portuguese.

[In Pinto da Silva, Agron. Lusit. Flor. Lusit. Comment. fasc. 4: 88. 1948, cited as *Sennen ex Sampaio* (1922)]

Vila do Conde, Portugal

Lolium perenne L. Sp. Fl. 83. 1753.

In Europa ad agrorum versuras solo fertili.
Man. U. S.

Lolium perenne Aitch. Journ. Linn. Soc. 19: 194. 1882.

"*Agropyron repens* B. & S. distributed as *Lolium perenne* L." listed in Ind. Kew.

Fl. Kuram Valley, Afghanistan

Lolium perenne var. *angustifolium* Parnell, Grasses Scotl. 14: 142. 1842.

[Scotland]

Lolium perenne var. *aristata* Willd. Sp. Fl. 1: 462. 1797, without descr.

"Vaill. p. 80. t. 17. f. 3." [1727, pre Linnaean.] cited.

Lolium perenne var. *aristatum* Schrad. Linnaea 12: 463. 1838.

"*Lolium Boucheanum* Kunth." cited.

Italy

Lolium perenne *aristatum* Bab. Man. Brit. Bot. 377. 1843. see Schrad. 1838.

Eng. Scot. Ireland

Lolium perenne var. *aristatum* Coss. & Germ. Fl. Env. Paris 2: 656. 1845.

see Schrad. 1838.

"Gazons du jardin du Luxembourg (Sagot)."

France

Lolium perenne var. *aristata* Lange, Bot. Tidsskr. [10]: 189. 1877-79.

see Schrad. 1838.

J[ylland?]: Drejens Odde ved Koldingfjord (Bostr.).
[Denmark]

Lolium perenne var. *aristata* Munro in Aitch. Journ. Linn. Soc. Bot. 18: 110. 1880, nom. nud.

"Fields, Karohatal; June." Aitchison 1261.

Afghanistan

Lolium perenne var. *aristulatum* Schur, Enum. Fl. Transsilv. 812. 1866.

"Auf Aeckern zwischen Klee und Luzerne bei Kronstadt. Jun. Jul."

Rumania

Lolium perenne var. *asperum* Opiz, Sennen Rostl. Časop. 60. 1852. nom. nud.

Lolium perenne ssp. *atlaticum* Senn. & Mauric. Cat. Fl. Rif. Or. 135. [1933], nom. nud.
[error for *atlanticum*]

"Telata de Ketama." Morocco. Africa

Lolium perenne var. *auriculatum* Hack. Oesterr. Bot. Zeitschr. 27: 124. 1877.

"In Wäldern bei Huéjar de Sierra am Jenil."

Europe

Lolium perenne var. *brasilianum* (Nees) Kuntze, Rev. Gen. Fl. 3³: 355. 1898.

Based on *Lolium brasilianum* Nees

Monte Video (Sellow)

Uruguay

Lolium perenne var. *commune* Alefeld, Landw. Fl. 357. 1866.

"In Mitteleuropa"

Lolium perenne var. *compactum* Beck, Fl. Nieder-Oesterr. 1: 112. 1890.

"bei Fahrtafeld. VI. IX."

Austria

Lolium perenne var. *compositum* S. F. Gray, Nat. Arr. Brit. Fl. 2: 93. 1821.

No loc. [Great Britain]

Lolium perenne var. *compositum* Schlecht. Fl. Berlin. 1: 88. 1823.
See S. F. Gray 1821.

"non infrequens in solo fertiliori. Fl. ab exeunte vere per totam aestatem. 4. (Sehr gemein!)"

Berlin

Lolium perenne var. *compositum* (Thuill.) Kunth, Rev. Gram. 1: 142. 1829.
See S. F. Gray 1821.

Based on "*Lolium compositum* Thuill."

Lolium perenne var. *compositum* Parl. Fl. Ital. 1: 530. 1848.

"L. perenne compositum Smith fl. brit. 1: 143. var. unnamed" and others. cited.

Europe

See S. F. Gray, 1821.

Lolium perenne var. *compositum* Sond. Fl. Hamb. 76. 1851. See S. F. Gray 1821.

Reichb. D. Fl. t. CXII. 237.

Lolium perenne var. *compressum* Sibth. ex Druce, Fl. Oxfordshire Ed. 2. 500. 1927.

[description from Moris. Hist. 111. 182, 1699.]

England

Lolium perenne var. *condensatum* Schur, Enum. Fl. Transsilv. 812. 1866.

"Auf Aeckern."

[Rumania]

Lolium perenne var. *confertum* Spenner, Fl. Friburg 1: 157. 1825.

"Hagenb. fl. bas." cited.

[Friburg. Germany]

Lolium perenne var. *oristatum* Pers. Syn. Fl. 1: 110. 1805.

Cites: "Scheuchz. Agrost? 2. Passim cum præore." [Scattered as first --referring to preceding *L. perenne* sp. which says, "Ubique vulgare."]

Europe

In Ind. Kew 2: 108. 1894 cited as *Lolium oristatum* Pers. Syn. 1: 110. 1805.

Lolium perenne var. *oristatum* Pers. 4/Oren. & Godr. Fl. France 3: 612. 1855.

"L. oristatum Pers." cited, but in Pers. Syn. Fl. 1: 110. 1805, the name is *Lolium perenne* var. *oristatum*.

Lolium perenne var. *oristatum* Doell, ex Druce, List Brit. Fl. 84. 1908.

No basis nor description given. See Pers. 1805.

Lolium perenne var. *festucaeforme* Wimm. & Grab. Fl. Siles. 1: 101. 1827.

"bei Leobschütz."

[Silesia. Germany]

Lolium perenne var. *furcatum* Billot ex Gren. & Godr. Fl. France 3: 612. 1855.

"Hab. Prairies, bords des chemins, commun dans toute la France."

Lolium perenne var. *gaudini* (Parl.) Fiori, Fl. Anal. Ital. 1: 104. 1896.

Based on *Lolium gaudini* Parl. in obs.

Italy

Lolium perenne var. *geniculatum* Hallier, Bot. Zeit.
21: App. 1: 8. 1863.

"Nähe des Armenhauses." Helgoland
Germany

Lolium perenne var. *humile* Gaudin, Fl. Helv.
1: 352. 1828.

"Neviduni." Switzerland

Lolium perenne var. *italicum* (A. Br.) Parnell, Grasses
Scotl. 14: 142. pl. 65. 1842.
(as n. comb.) Scribn. Mem. Torr. Bot. Club. 5: 57.
1894.

Based on *Lolium italicum* A. Br.
Man. U. S.

Lolium perenne var. *italicum* (A. Br.) Coss. & Dur. Expl.
Sci. Alger. 2: 193. 1855.
See Parn. 1842.

Based on *L. italicum* A. Braun
Carlsruhe, Germany

Acc. to Stearn, date as above. Only one vol. of
flowering plants

Lolium perenne var. *laxiusculum* Podpéra, Kyténa Moravy
6: 123. 1926; Acta Soc. Sci. Nat. Morav. 2: 393.
1926.

"Brno: 2a Mokrou... Soběšicím (Pilkuka)!"
Brum, Czechoslov.

Lolium perenne var. *longiglume* Grantzow, Fl. Uckerm. 351.
1880. Not verified
same, Rouy, Fl. France 14: 307. 1913.

Lolium perenne var. *marshallii* (Steven) Trautv. Acta
Hort. Petrop. 1: 24. 1871.

Based on *Lolium marshallii* Steven
Tauria. Russia.
Europe

Lolium perenne var. *monstrosum* Hallier, Bot. Zeit.
21: App. 1: 8. 1863.
Helgoland Germany

Lolium perenne var. *multiflorum* Parnell, Grasses Brit.
302. pl. 140. 1845.

"The accompanying figure was drawn from a specimen
gathered in the neighborhood of Edinburgh."

= *L. multiflorum* Man. U. S.

Lolium perenne var. *multiflorum* K. Koch, Linnaea
21: 435. 1848, without descr.
See Parnell, 1845; Coss. 1861.

Presumably based on *L. multiflorum* Lam.

"Auf höher gelegenen Matten der schirwan'schen Vor-
höhen auf Molasse und tertiärem Kalk, ... auf Wald-
wiesen in der Herrschaft Kuba, auf secundärem Kalk
und auf angeschwemmtem Boden." Old World

Lolium perenne var. *multiflorum* Sord. Fl. Hamburg. 76.
1851.
See Parnell, 1845.
Hamburg Germany

Lolium perenne var. *multiflorum* (Lam.) Coss. & Dur.
Expl. Sci. Alger. 2: 194. 1855.
see Parnell, 1845.

Based on *L. multiflorum* Lam. [Lam.]
France

*Acc. to Stearn, date as above. Only one vol. of
flowering plants completed and this called vol. 2.

Lolium perenne ssp. *multiflorum* Husnot, Gram. de France
4: 85. 1899.

See Parnell 1845.

Presumably based on *L. multiflorum* Lam.

X *Lolium perenne* X *multiflorum* Aschers. & Graebn. Syn.
Mitteleur. Fl. 2: 759. 1902.

Europe

Lolium perenne var. *orgiale* Doell, Fl. Grossh. Baden
116. 1857; ex Alefeld, Landw. Fl. 357. 1866.

c. *oristatum* Doell l.c.

d. *paleaceum* Doell l.c. names, not proposed as
vars. or forms. Not cited by Alefeld.

Baden, Germany

Lolium perenne var. *Pacyi* Sturtev. N. Y. Exp. Sta.
Rep. 1882¹: 77. 1883.
Name only

N. Y. Exp. Sta., Geneva, N. Y.
= *L. perenne* Man. U. S.

Lolium perenne var. *paleaceum* Doell, ex Alefeld, Landw.
Fl. 357. 1866.

Germany

Lolium perenne var. *paniculatum* S. F. Gray, Nat. Arr.
Brit. Fl. 2: 93. 1821.

No loc. [Great Britain]

Lolium perenne var. *pauciflorum* Aschers. & Graebn. Syn.
Mitteleur. Fl. 2: 754. 1902.

Europe

Lolium perenne [var. *perenne*] subvar. *compressum*
(Boiss. & Heldr.) Perez-Lara, Anal. Soc. Espan. Hist.
Nat. 15: 427. 1886.

Based on *L. strictum* var. *compressum* Boiss. & Heldr.

"Hab. in Graeciae agro Corinthiaco cl. Prof.
Orphanides." Greece

Lolium perenne var. *planellae* Merino, Fl. Desor. Illustr.
Galicia 3: 393. 1909.

"*L. glumosum* Planellas" [Plan.-Gir.] cited.

Spain

Lolium perenne var. *polyanthum* Beck, Fl. Nieder-Oesterr.
1: 112. 1890.

"Auf der Turkenschanze."

Austria

Lolium perenne var. *purpurascens* S. F. Gray, Nat. Arr.
Brit. Fl. 2: 93. 1821.

[Great Britain]

Lolium perenne var. *racemosum* Parnell, Grasses Scotl.
14: 142. pl. 65. 1842.

[Scotland]

Lolium perenne var. *ramosa* Schumach. Enum. Fl. Saell.
1: 36. 1801.

"Insulae Saelandiae." Denmark.

Lolium perenne var. *ramosum* Pers. Syn. Fl. 1: 110. 1805
See Schumach. 1801.

Pers. cites: "Leers, l.c." under var. *ramosum* which
refers to "Leers, herb. t. 12. f. 1." There are 2
figs. under t. 12 in Leers. The one which is cited
by Mutel in his Fl. France, 1837, under his *L.*
perenne d. *ramosum* [later than Pers. same basis] as
"Leers, t. 12. f. 1. inf." is marked with the cross,
†, and is referred in text by Leers p. 48 as var.
β.

Lolium perenne var. *ramosum* Guss. Fl. Sic. Prodr.
1: 151. 1827.

Only descr.: "spica ramosa." see Schumach., 1801.

[Sicily]

Lolium perenne var. *ramosum* Parnell, Grasses Brit.
302. pl. 141. 1845.
See Schumach. 1801.

"The accompanying figure was drawn from a specimen
gathered in Islay."

Inner Hebrides, Scotland

Lolium perenne var. *ramosum* Schur, Enum. Fl. Transsylv.
812. 1866.
See Schumach. 1801.

"An Gräben und feuchten Orten."

[Rumania]

Lolium perenne var. *ramosum* Schult. ex Fedtsch. Bull.
Jard. Bot. Pierre Grand 14(Suppl. 2): 92. 1915,
nom. nud.
See Schumach. 1801.

Lolium perenne var. *rigidum* (Gaudin) Coss. & Dur. Expl.
Sci. Alger. 2: 194. 1855.

Based on *Lolium rigidum* Gaudin

Switzerland

*Acc. to Stearn, date as above. Only one vol. of
flowering plants completed and this called vol. 2.

Lolium perenne var. *rigidum* subv. *aristatum* Perez-Lara,
Anal. Soc. Españ. Hist. Nat. 15: 428. 1886, without
descr.

"Fl. Gaditana"

[Spain]

Lolium perenne var. *rigidum* subv. *maritimum* (Gren. &
Godr.) Perez-Lara, Anal. Soc. Españ. Hist. Nat.
15: 428. 1886.

Based on *L. strictum* var. *maritimum* Godr. [Gren. &
Godr.] Flor. franc. 3. p. 626 [613]

Dans les sables maritimes, Hyères, Cette
France

Lolium perenne var. *rigidum* subv. *tenue* (Gren. & Oodr.)
Perez-Lara, Anal. Soc. Españ. Hist. Nat. 15: 428.
1886.

Based on "*L. strictum* var. *tenue* Oodr. Gr." which
is based on "*L. tenue* Guss. (non *L. nec* Moullet)."
[*L. misappl. by Guss.*]

[Sicily]

Lolium perenne var. *sioulum* (Parl.) Fiori, Fl. Anal.
Ital. 1: 104. 1896.

Based on *Lolium sioulum* Parl.

Sicily

Lolium perenne var. *speirostachyum* Fourn. ex Masters,
Journ. Bot. Brit. & For. 1: 8. 1863.

No loc. given. Europe

Lolium perenne var. *sphaerostachyum* Masters, Journ.
Bot. Brit. & For. 1: 8. 1863.

England

Lolium perenne var. *spicata* Schumacher, Enum. Fl. Saell.
1: 36. 1801.

"*Insulae Saelandiae*". Denmark

Lolium perenne var. *submuticum* Parnell, Grasses Brit.
300. pl. 139. 1845.

"The accompanying figure was drawn from a specimen
gathered in field of Italian Rye Grass in the
neighbourhood of Edinburgh."

Scotland

Lolium perenne var. *tenue* (L.) Huds. Fl. Angl. Ed. 2.
55. 1778.

Based on *Lolium tenue* L.

Same comb. made by Hartm. Handb. Skand. Fl. 65. 1820.
Schübl. & Martens, Fl. Württemberg
50. 1834.

France

Lolium perenne var. *tenue* (L.) Schrad. Fl. Germ. 397.
1806.

Based on *L. tenue* L. Sp. Fl. ed. 2. 122. 1762.

Lolium perenne var. *tenue* Schlecht. Fl. Berlin. 1: 88.
1823.

"var. *rarius*" Berlin

Lolium perenne var. *tenue* Parnell, Grasses Scotl.
142. 1842.

See Huds. 1778.

Scotland

Lolium perenne var. *tenue* K. Koch, Linnaea 19: 6. 1847.
See Huds. 1778.

"No. 11 b." Kleinasien. Dr. Thirke, collector.

Asia Minor

Lolium perenne var. *tenuis* Schult. ex Fedtsch. Bull.
Jard. Bot. Pierre Grand 14(Suppl. 2): 92. 1915,
nom. nud.

of. *tenue* Huds. 1778.

Lolium perenne var. *typicum* Fiori, Fl. Anal. Ital.
1: 154. 1923.

f. *normale* Maire & Weiller n. nom.-

Type de l'espèce

Lolium perenne var. *typicum* f. *cristatum* (Pers.)

Aschers. & Graebn. Fl. Syn. Mitteleur. 2: 754. 1902

Based on *L. cristatum* Pers.

Lolium perenne var. *typicum* f. *viviparum* Koch, Syn.
ed. 2: 956. 1844.

f. *ramosum* Smith, Fl. Brit. 1: 149. 1800.

Great Britain

Lolium perenne var. *viviparum* S. P. Gray, Nat. Arr.
Brit. Fl. 2: 93. 1821.

No loc. [Great Britain]

Lolium perenne var. *viviparum* Mutel, Fl. Franco. 4: 139.
1837.

See Gray 1821.

[France]

Lolium perenne var. *viviparum* Hein, Graeserfl. 136.
1877.

See Gray 1821.

[Europe]

Lolium perenne f. *viviparum* Junge, Jahrb. Hamb. Wiss.
Anst. 22(Beih. 3): 68. 1905, without descr.

"Mit in aufwärts gekrümmte Laubspresse umgewandelten
Ähren."

L. = Lübeck. Niendorf a. O. (Hirth)"

See Gray 1821.

Germany

Lolium perenne var. *vulgare* Schlecht. Fl. Berlin.
1: 88. 1823.

Berlin

Lolium perenne var. *vulgare* Roth, Enum. Fl. Phaen.
Germ. 1: 275. 1827.

See Guss. 1827.

"in pratis, pascuis, ad vias, muros, in vineis."

[Germany]

Lolium perenne var. *vulgare* Guss. Fl. Sic. Prodr.
1: 150. 1827.

See Roth, 1827.

Cites: "Io. Host gram. Aust. 1. t. 25. Lam. 111. gen.
t. 48. f. 1. ...Moris. hist. 3 s. 8. t. 2. f. 2."

Only description: "culmis caespitosis ascendentibus,
spica simplicibus."

[Sicily]

Lolium perenne var. *vulgare* Sond. Fl. Hamburg. 76. 1851.

See Roth, 1827.

Hamburg, Germany

Lolium perenne var. *vulgare* Coss. & Dur. Expl. Sci.
Alger. 2: 193. 1855.*

see Roth 1827.

"Constantine! Melila! Batna! Lambéze! Médina!
Djebel Tougour! prope Batna. In montibus Aurasiis
Djebel Cheliah! In monte Ouarsenis!"

Algeria, Afr.

*Acc. to Stearn, date as above. Only one vol. of
flowering plants completed and this called vol. 2.

Lolium perenne var. *vulgare* subv. *laeve* Opiz, Seznam.
Rostl. České 60. 1852. nom. nud.

Lolium persicum Boiss. & Hohen. in Boiss. Diagn. Fl.
Orient. Nov. I. 2 (fasc. 13): 66. 1853.

"in pl. Pers. bor. 1846."

"Hab. in uliginosis montis Elbrus prope Darband
Kotschy no. 278."

Persia

Lolium phoenice Rouv. Monogr. Lolium 36. pl. 1. f. 8, 9.
1853.

"Ivraie, Margal (partim), Celliae meridionalis."

France

Lolium procumbens Hall. ex Beauv. Ess. Agrost. 166.
1812, as syn. of *Sclerocloa dura* Beauv.

Europe

Lolium pseudo-italicum Schur, Enum. Fl. Transsilv. 812.
1866, as syn. of *L. perenne* var. *aristulatum* Schur.

Roumania

Lolium pseudo-lincolnum Genn. Nuov. Giorn. Bot. Ital.
2: 97. 1870.

"L'ho raccolto a Caprera in mezzo ai seminati."

Italy

Lolium ramosum (Leers) Beauv. Ess. Agrost. 166. 1812.

Based on *Lolium perenne* var. *ramosum* Leers ex Pers.
= *L. perenne ramosum* Leers ex Pers.

Europe

Lolium remotum Schrank, Baier, Fl. 1: 382. 1789;
Hoffm. Deutschl. Fl. ed. 2. 1: 63. 1800.

"In agris (Bavar. Burghaus. Schrank: *Lolium remotum*)
[From Hoff. Deutschl. Fl.]

[Bavaria, Germany]

Lolium remotum var. *aristatum* (Doell) Aschers. Fl.
Brand. 1: 876. 1864.

Presumably based on *L. lincolnum* var. *aristatum*
Doell.

"habe ich im Jahr 1828...im Taurus zwischen Heftrich
und Croftel gesammelt"

Germany

Lolium remotum var. *complanatum* (Schrad.) Aschers. Fl.
Brand. 1: 876. 1864.

Based on *L. complanatum* Schrad.

"Bot. Garten zu Oettingen im Jahr 1809 geblüht
haben"....from title

Germany

X Lolium remotum *X multiflorum* Aschers. & Graebn. Syn.
Mitteler. Fl. 2: 759. 1902.

Lolium remotum var. *oliganthum* Beck, Fl. Nieder-Oesterr.
1: 113. 1890.

"in Leinfelderz und in deren Nähe. VI, VII."

Austria

Lolium remotum var. *rodriguezii* f. *polystachyum* Merino,
Fl. Desor. Illustr. Galicia 3: 395. 1909.

"(Herbar. Num. 2.070)."

Spain

Lolium remotum var. *submuticum* Celak. Prodr. Fl. Böhm.
728. 1881.

The only description given is: "Deckspelzen ungegrannet
oder mit ganz kurzer Granne. Halm oben etwas rauh
oder glatt."

"Um Opočno mehrfach (Freyn)." first cited.

[Czechoslovakia]

Lolium repens Honok. Vollst. Syst. Verz. Aller Gew.
Tentsehl. 328. [1782]

= *L. perenne*

Lolium rieffelianum De Moor, Traite Gram. 98. 1854..

o Belgium.

Lolium rieffelii Demoor, Gram. belg.

Lolium rigidum Gaudin, Agrost. Helv. 1: 334. 1811.

"Augustae Praetoriae ad vias apricas anno 1809
inveni.---" Helvetia

Switzerland

Lolium rigidum Weiss ex Nyman, Consp. Fl. Eur. 845.
1882, as syn. of *L. subulatum* Vis.

Europe

Lolium rigidum f. *angustifolium* Ginzb. Oesterr. Bot.
Zeitschr. 70: 248. 1921.

Tiny rocky islets off the coast of Dalmatia [Yugo-
slavia]

Lolium rigidum var. *aristatum* Goiran, Bull. Soc. Bot.
Ital. 1899: 288. 1899, without descr.,
"mh." = mihi

"nella Valpantena, Naso, Montecchio, Monteforte
dell'Alpo!"

Italy

Lolium rigidum var. *aristatum* Sickenb. Mém. Inst.
Égypt. 4: 314. 1901, without descr.

[Nile Delta Region] "N. Ile de Rodah, Caire!"
[Oases of the Libyan Desert] "O. Siwah. Roth."

Africa

Lolium rigidum var. *aristatum* Hack. in Stuck. Anal. Mus.
Nac. Buenos Aires 13: 530. Dec. 1906.

Sickenb. 1901, nom. nud.

Stuckert herb. arg. 14,432.

Colonia Marcos Juárez, Prov. Cordoba.

Argentina.

Lolium rigidum var. *corsicum* Hack. in Briq. Prodr. Fl.
Corse 1: 180. 1910.

"1907.--Garigues à Bastia, 16 mai, fl. fr.!"

Corsica

Lolium rigidum var. *Duthiei* Hack. in Hook.f. Fl. Brit.
Ind. 7: 364. 1896. "Hack mss."

"Kashmir; near Sirinagar...Duthie (no. 10,846)."

India

Genus *Lolium* by Hook., but "Hack. mss." after
above sp.

Lolium rigidum var. *genuinum* (Gren. & Godr.) Briq. Fl.
Corse 1: 180. 1910.

Based on *L. strictum* var. *genuinum* Gren. & Godr.

France

Lolium rigidum var. *glabrum* Grossh. Trudy Bot. Inst.
Azerbaidzh, Fil. Akad. Nauk S.S.S.R. 8: 319. 1939,
in Russian.

Caucasus. Russia. Eur.

Lolium rigidum f. *latifolium* Ginzb. Oesterr. Bot. Zeit-
schr. 70: 248. 1921.

Sooglio = islets, coast of Dalmatia [Yugoslavia]

Lolium rigidum ssp. *lepturoides* (Boiss.) Senn. &
Maurio. Cat. Fl. Rif. Oriental 135. 1934.

Based on *L. lepturoides* Boiss.

Greece

Lolium rigidum var. *lepturoides* (Boiss.) Fiori, Fl.
Anal. Ital. 1: 104. 1896.

Based on *L. lepturoides* Boiss.

Greece

Lolium rigidum var. *lepturoides* (Boiss.) Fiori, Fl.
Anal. Ital. 1: 104. 1908.

Based on *Lolium lepturoides* Boiss. 1853.

Greece

Lolium rigidum var. *loliaceum* (Bory & Chaub.) Halao.
Consp. Fl. Graec. 3: 446. 1904.

Based on *Rottboellia loliacea* Chaub. & Bory. [Bory &
Chaub.]

environs de Modon
Greece

Lolium rigidum var. *longiglume* Held. Ark. für Bot.
2: 299. 1952.

Galilaea inferior

Lolium rigidum var. *maritimum* Godr. in Merino, Fl.
Desor. Illustr. Galicia 3: 394. 1909.

Presumably based on *L. strictum* var. *maritimum*
Gren. & Godr.

["viven en tierras fértiles y entre las mieses tanto
en la última cuenca del Miño como en el Rosal,
Pontevedra" Habitat given by Merino, Spain]

[Hyères, CetteGren. & Godr. habitat]

France

Lolium rigidum var. *maritimum* (Gren. & Godr.) Briq.
Prodr. Fl. Corse 1: 179. 1910.

of. Godr. 1909.

Based on "*L. strictum* var. *maritimum* Gr. et Godr."
Hyères, Cette....Gren. & Godr. habitat.

France

Lolium rigidum ssp. *maroccanum* Senn. & Maurio. Cat. Fl.
Rif. Or. 135. [1933], nom. nud.

[ium presumably error]

"Hidum; Sammar; Targuist." Morocco. Africa

Lolium rigidum var. *muticum* Sickenb. Mém. Inst. Égypt
4: 314. 1901, without descr.

[Mediterranean Region] "M. el Arich. Aschers. Ramleh!
Alexandrie!" [Nile Delta Region] "N. Caire!"

Egypt

Lolium rigidum var. *oliganthum* (Godr.) Maire & Weiller
in Maire, Fl. Afrique Nord 3: 295. 1955.

Based on *L. temulentum* var. *oliganthum* Godr. in
Gren. & Godr.

France

Lolium rigidum var. *perenne* Grossh. Trudy Bot. Inst.
Azerbaidzh. Fil. Akad. Nauk S.S.S.R. 8: 319. 1939,
in Russian.

Caucasus. Eur. Russia

Lolium rigidum var. *ramosum* Druce, Brit. Fl. List
Ed. 2. 134. 1928, nom. nud.

Britain

Lolium rigidum var. *rottboelliioides* Heldr. in Boiss. Fl.
Orient. 5: 680. 1884. "Heldr. Mss."

Based on "*Rottboellia loliacea* Bory et Chaub."

Greece

Lolium rigidum var. *sabulicolum* Lojac. Fl. Sicul.
3: 382. 1909.

"Palermo----"

Sicily

Lolium rigidum var. *strictum* (Presl) Halao. Consp. Fl.
Graec. 3: 445. 1904.

Based on "*Lolium strictum* Presl."

"montis Caputi prope Panormum"

Sicily

Lolium rigidum var. *subteres* Gatt., Maire & Weiller,
Bull. Soc. Hist. Nat. Afr. Nord 31: 208. 1941,
without descr.; Maire & Weiller, op. cit. 32: 223.
1941. "n. nom."

L. lepturoides Boiss. f. *maritima* (Gren. & Godr.)
Trabut, Bull. Soc. Hist. Nat. Afr. Nord 9, p. 17.
1918. cited.

"Maroc: Plage de Bouznika, dans le Lentiscetum, avril
1938 (Gatt. et Weiller)."

aff. "var. *maritimum* (G.G.) Maire (*L. strictum* Presl
var. *maritimum* G. & G.)
Morocco, Africa

Lolium rigidum var. *tenue* (Godr.) Dur. & Schinz. Conspect.
Fl. Afr. 5: 933. 1894.

Based on *L. strictum* var. --[*tenue*] Godr. which is
based on "*Lolium tenue* Guss. ...non *L. nec Noulet*"
[Guss. misappl. by]

Sicily?

Lolium rigidum var. *teres* (Lindb.) Maire in Jah. &
Maire, Cat. Fl. Maroc 3: 866. 1934.

Based on *Lolium teres* Lindb.

Morocco. "Mogador, in ripa fluminis Oued Kasb."
Africa

Lolium robustum Reichenb. Fl. Germ. Excurs. Index 74.
nom. nud.; Icon. Fl. Germ. 1: 2. pl. 4. f. 1340.
1834.

Europe

Lolium romanum Sang. Atti. Acad. Pont. Lucasi Ser. I.
18: 221. pl. 4. n. 1. 1865.

"Alla Cafarella, attorno i prati di Tor di Quinto."
Italy

Lolium rosettanum Fig. & Delile ex Rouv. Monogr. *Lolium*
31. 1853, as syn. of *L. perenne*

Europe

Lolium soabrum Presl, Bel. Haenk. 1: 267. 1830.

"Hab. in montanis Peruviae 4." Haenke.

= *L. multiflorum* Lam.

Peru Man. U. S. Andes Grasses

Lolium siculum Parl. Fl. Palermo. 1: 252. 1845; Giorn.
Bot. Ital. 2: 90. 1846.

Based on "*Lolium multiflorum* Guss. syn. fl. sic."

Sicily

Lolium siculum var. *aristatum* Lojac. Fl. Sicul. 3: 381.
1909. No description.

Sicily "Dingoli, Piana Greci"

Lolium siculum var. *aristatum* Lojac. Fl. Sicula
3: 381. 1909.

"Ustica, Tin!"

Sicily

Lolium siculum var. *ramosum* Lojac. Fl. Sicul.
3: 381. 1909.

Sicily: "Trapani, Oreto, Palermo----"

Lolium sonderi Rouv. Monogr. *Lolium* 47. pl. 3. f. 7, 10.
1853.

"Ex herb. Dunal, ubi hocce *Lolium* ipseus Sonderi
mam sub nomine '*Lol. arvense* With.' inscriptum"

Europe?

Lolium speciosum Steven ex Marsch-Bieb. Fl. Taur.
Cauc. 1: 80. 1808.

"Habitat in Iberia. D. Steven."

Eur. Russia

Lolium strictum Presl, Cyp. Gram. Sicul. 49. 1820.

"Hab. in sterilibus montis Caputi prope Panormum."

[Sicily]

Lolium strictum Decker ex Steud. Nom. Bot. ed. 2.
2: 65. 1841, as syn. of *L. rigidum* Gaudin.
Not Presl 1820.

Lolium strictum var. *angustifolium* (Ginzb.) Hayek,
Repert. Sp. Nov. Fedde Beih. 307: 298. 1932.

Based on *Lolium rigidum* var. *angustifolium* Ginzb.
Oesterr. Bot. Zeitschr. 70: 248. 1921.

Islets of coast of Dalmatia

Lolium strictum f. *aristatum* Maire, Bull. Soc. Hist.
Nat. Afr. Nord 30: 369. 1939.

"Issu à Alger de semences amassées par les Fourmis
dans le Zemmour (Sahara occidental) et récoltées par
Murat."

Africa

Lolium strictum var. *compressa* Boiss. & Hald. in
Boiss. Diagn. Fl. Orient. Nov. II. 34: 144. 1859.

"Hab. in Graeciae agro Corinthiaco cl. Prof.
Orphanides."

Greece

Lolium strictum var. *latifolium* (Ginzb.) Hayek, Repert.
Sp. Nov. Fedde Beih. 307: 298. 1932.

Based on *L. rigidum* f. *latifolium* Ginzb.

Islets off coast of Dalmatia

Yugoslavia

Lolium strictum var. *maritimum* Gren. & Godr. Fl. France
3: 613. 1855.

"....dans les sables maritimes, Hyères, Cette."

France

Lolium strictum var. *tenue* Gren. & Godr. Fl. France
3: 613. 1855.

"*L. tenue* Guss. ... (non *L. nec Noulet*)."

[*L. misappl. by Guss.*]

[Sicily]

Lolium subulatum Visiani, Fl. Dalm. 1: 90. pl. 3. 1842.

"Hab. in satis circa Bergato prope Ragusa [now
Dubrovnik] D. Neumayer."

Dalmatia, Yugoslavia

Lolium subulatum Degen ex Lojac. Fl. Sic. 3: 373. 1909.
of. Vis. 1842.

Sicily

Lolium subulatum var. *aristatum* Lindb. f. It. Austro-
Hung. Öfv. Finsk. Vet. Soc. Förh. 48: 13. 12.

Lolium subulatum var. *rottboelliioides* (Hald.) Fedtsch.
Bull. Jard. Bot. Pierre Grand 14(Suppl. 2): 92.
1915, nom. nud.

U.S.S.R.

Lolium suffultum Sieber ex Huter, Oesterr. Bot. Zeitschr.
58: 33. 1908.

"Gesammelt auf Cypern, prope Larnaka 4. III. 1880.
Sintenis et Rigo."

Lolium temulentum L. Sp. Pl. 83. 1753.

"In Europae agris inter Hordeum, Linnaeus."

Lolium temulentum Bert. ex Steud, Nom. Bot. ed. 2.
2: 65, partim. Not L. 1753.

as synonym of *L. soabrum* [Presl] this = *multiflorum*

Peru

Lolium temulentum var. *aristatum* Sickenb. Mém. Inst.
Égypt. 4: 314. 1901, without descr.

M. [Mediterranean Region] el Arich. Aschers. Aboukir!
Montazah! Alexandrie!

N. [Nile Delta Region] Abou Kebir! Kafr Hakim.
Sfth [Schweinfurth]

Africa

Lolium temulentum var. *arvense* (With.) Bab. Man. Brit.
Bot. 377. 1843.

Based on "*L. arvense* With."

[Great Britain]

Lolium temulentum var. *arvense* f. *robustum* (Reichenb.)
Brand in Koch, Syn. Deutsch. Fl. ed. 3. 3: 2806. 1907.

Based on *Lolium robustum* Reichenb.

Europe

Lolium temulentum var. *arvense* f. *speciosum* (Stev.)
Brand in Koch Syn. Deutsch Fl. ed. 3. 3: 2806. 1907.

Based on *Lolium speciosum* Steven ex Marsch.-Bieber.

Lolium temulentum var. *canadense* (Mx.) Wood, Amer. Bot.
& Flor. Ft. 2. 406. 1871.

Lolium canadense Mx. ex Roem. & Schult.

Unidentified Man. U. S.

Lolium temulentum var. *crispalis* Opiz, Seznam. Rostl.
Česke. 60. 1852.

γ *pauciflorum* Opiz l.o. nom. nud.

Bohemia

Lolium temulentum var. *dissitum* Mutel, Fl. Frang.

4: 142. 1837.

"Cranz, Calève et Nyon (Gaudin et Monnard exsicc. sous le nom de *L. arvense*)."

[France]

Lolium temulentum var. *gracile* Regel, Acta Hort. Petrop.

7: 593. 1881.

"In valle fluvii Sarawoschan inter Dscham et Aksai."

Russian Turkestan

Lolium temulentum ssp. *gussonei* (Parl.) Pign. Arch.

Bot. Biogr. Ital. 34: 9. 1958.

Lolium temulentum var. *gussonii* Parl. Fl. Ital.

1: 535. 1848.

"*Lolium arvense* Guss. Prodr. Fl. Sic. 1. p. 152. et Syn. fl. sic. 1. p. 59 excl. syn." Guss. cites Smith, Fl. Brit. 1. p. 150 for this. Smith credits it to With. So this must be based on *L. arvense* With.

Lolium temulentum var. *laevigatum* Mutel, Fl. Frang.

4: 142. pl. 91. f. 643. 1837.

"*L. arvense* Gaud. helv. et exsicc. non With." cited.

"var. d et e. Cranz, Calève et Nyon (Gaudin et Monnard exsicc. sous le nom de *L. arvense*)."

France

Lolium temulentum var. *leptochaeton* A. Br. Flora

1: 252. 1834.

[Carlsruhe] Germany Man. U. S.

Lolium temulentum var. *leptochaeton* E. Desv. in C. Gay,

Fl. Chil. 6: 455. 1853.

See A. Braun 1834.

"...Santiago (Gay); Antuco (Poeppig, in herb. Zuccarini)."

Chile

Lolium temulentum var. *leptochaeton* subv. *robustum*

(Reichenb.) Goiran, Bull. Soc. Bot. Ital. 1899: 288. 1899.

Based on *L. robustum* Reichenb.

Europe

Lolium temulentum var. *leptochaeton* subv. *speciosum*

(Bieb.) Goiran, Bull. Soc. Bot. Ital. 1899: 288. 1899

Based on *Lolium speciosum* Steven ex Bieberst.

"Habitat in Iberiâ. D. Steven."

Asia Minor

Lolium temulentum var. *linicola* (Sond.) Benth. Fl.

Austral. 7: 667. 1878.

Based on "*L. linicola* Sond."

In agris inter Linum

[Australia]

Lolium temulentum var. *longiaristatum* Parnell, Grasses

Brit. 304. pl. 142. 1845.

"Cantire"

[Scotland]

Lolium temulentum var. *macrochaeton* A. Br. Flora

17(1): 252. 1834.

[Carlsruhe] Germany

Lolium temulentum var. *macrochaeton* E. Desv. in C. Gay,

Fl. Chil. 6: 455. 1853. Not Braun 1834?

"Quillota (Bertero, no. 1108)."

U.S.

Lolium temulentum var. *macrochaeton* subv. *laeve* Thell.

Vierteljahrs. Nat. Ges. Zürich 52: 440. 1908.

Lüscher, 1905.

"Solothurn," Switzerland

Lolium temulentum var. *multiflorum* (Lam.) Kuntze, Rev.

Gen. Fl. 2: 779. 1891.

Based on *Lolium multiflorum* Lam.

= *L. multiflorum* Lam. Man. U. S.

Péronne, France

Lolium temulentum var. *multiflorum* f. *glaberrimum*

Kuntze, Rev. Gen. Fl. 2: 779. 1891.

"San Francisco in Californien (eingeschleppt?) und Insel Porto Santo bei Madeira, wild."

California

Lolium temulentum var. *muticum* Coss. & Germ. Fl. Rev.

Paris 2: 655. 1845.

"*L. speciosum* Steven." cited.

"St. Leger! Coulommiers."

France

Lolium temulentum var. *muticum* Reut. Cat. Fl. Vaso.

Ed. 2. 248. 1861. Not Coss. & Germ. 1845.

"au Brizon près du village, à Nyon et près de Gaillard, M. Rapi, etc."

[Switzerland]

Lolium temulentum var. *muticum* Boiss. Fl. Orient.

5: 681. 1884. Not Coss. & Germ. 1845.

"Hab. in cultis, Zacyanthus (Marg!)...(first cited)

Zante, Greece

Lolium temulentum var. *muticum* Sickenb. Mém. Inst.

Egypt. 4: 314. 1901, without descr.

Only information is place.

"M." = Région Méditerranéenne

Montazah

Lolium temulentum var. *muticum* Zapal. Cons. Fl. Galic.

Crit., Rozpr. Wdz. Mat.-Przyr. Akad. Umiej. Krakow III. 4, B. 195. 1904. Aug. 11.

? Not Coss. & Germ. 1845.

Rabozoye na południowym podnózu Babiej Góry (Zapalowiec)."

Galicja, Poland

At L.C.
Call no. AS 142
K 87

Zapal. Cons. Fl. Galic. Crit. 1: 82 which contains same subject matter was not published until 1906.
At Arnold Arboretum.

Lolium temulentum var. *oliganthum* Gren. & Godr. Fl.

France 3: 615. 1855.

"*L. subulatum* Vis." cited.

"a l'Estérel (Loret)."

France

Lolium temulentum var. *pauciflorum* K. Koch, Linnaea

21: 434. 1848.

"Aus der Kria durch Rögner erhalten."

Crimea, Russia

Lolium temulentum var. *prostratum* Kuntze, Act. Hort.

Petrop. 10: 252. 1887.

"Auf Dünen bei Lenkoran"

Rossica-orientalis

Lolium temulentum var. *pseudolinicola* (Gemm.) Aschers.

& Graebn. Syn. Mitteleur. Fl. 2: 751. 1902.

Based on *Lolium pseudolinicola* Gemm.

Italy

Lolium temulentum var. *ramosum* Guss. Fl. Sic. Prodr.

1: 152. 1827.

"prope Palermo"

Sicily

Lolium temulentum var. *remotum* (Sohrank) Fiori, Fl.

Anal. Ital. 1: 103. 1896.

Based on *Lolium remotum* Sohrank.

Germany

Lolium temulentum var. *robustissimum* Mutel, Fl. Frang.

4: 142. t. 91. f. 642. 1837.

"récoltées ensemble avec le type dans les champs de blé à Montelimar (Mut.)"

France

Lolium temulentum var. *robustum* Mutel, Fl. Frang.

4: 142. 1837.

(Same comb. made by Koch, Syn. Fl. Germ. Helv. ed. 2. 957. 1843)

Based on *L. robustum* Reichenb.

[Germany]

Lolium temulentum var. *semiglabrum* Litw. Schedae ad

Herb. Fl. Ross. a Mus. Bot. Acad. Imp. Sci. Petrop.

V: 135. 1905.

"Turkestan. Dominium Buchara. Ad. fl. Amu-darja... pr. Farab. 15 Maji 1902. Legit N. Androssow."

Exsicc. Herb. Fl. Ross. No. 1547

Lolium temulentum var. *speciosum* (Steven) Koch, Syn.

Fl. Germ. Helv. ed. 2. 957. 1843.

(Same Coss. & Dur. Expl. Sci. Alger. 2: 195. 1855.)

Based on *L. speciosum* Steven ex Bieberst.

Habitat in Iberia. D. Steven

[Georgia, Russia, Eur.]

Lolium temulentum var. *subbivalve* St. Amans, Fl. Agen.

50. 1821.

France. Agen

Lolium temulentum var. *submuticum* Stokes, Bot. Mat.
Med. 1: 162. 1812.

"Specimen from Withering, probably from Curtis's garden."

England

Lolium temulentum var. *submuticum* G. Meyer, Chlor. Hanov.
614. 1836, without descr.

Lolium speciosum Link cited.

"Osnabrück: ...die Spielart bei Osnabrück."

[Germany]

Lolium temulentum var. *submuticum* Haussm. Fl. Tirol.
2: 1023. 1852; see Stokes 1812.

L. speciosum Koch; *L. robustum* Reichenb. cited.

"Aecker am Fusse des Ifinger (Viehweider) Klobenstein am Ritten: auf Bohnen- und Hanfäckern bei Unterkematen, nicht jedes Jahr (Hm.). Trient: im Getreide am monte Margone (Hfl.), und Doss Trento (Lbd.). Judicarien: auf Aeckern bei Tione (Bon.)."

Austria

Lolium temulentum var. *tenuis* Schult. ex Fedtsch. Bull.
Jard. Bot. Pierre Grand 14(Suppl. 2): 91. 1915,
nom. nud.

U.S.S.R.

Lolium tenellum L. ex Beauv. Ess. Agrost. 166.
1812, nom. nud.

Lolium tenue L. Sp. Fl. ed. 2. 122. 1762.

"Habitat in Gallia."

France

Lolium tenue L. (misapplied by?) Marsch.-Bieb. Fl.
Taur. Cauc. 1: 80. 1808.

Basis of *Lolium marschallii*

Lolium tenue L. [misappl. by Guss.] Fl. Sic. Syn.
1: 59. 1842.

[Sicily]

Lolium teres Lindb. Acta Soc. Sci. Penn. N. Ser. B.
1²: 19. f. 4a. 1932.

Morocco. "Mogador, in ripa fluminis Oued Ksob."

Lolium trabuti Hochreut. Ann. Conserv. Jard. Genève
7-8: 123. 1904.

"Hab.: Oran, Duveyrier, au sommet du Ras ed. Dib...
[Hochreutiner] (n. 621). [sud-ouest de l'Algérie]"

Lolium triticoides Janka, Linnæa 30: 622. 1859-60.

"frequens in agris cultis supra pagum Felső-Váradja
prope Karlsburg Transsilvanias, ubi d. 27, Juli 1856
detexi."

[Rumania]

Lolium vulgare Host, Icon. Gram. Austr. 1: pl. 25. 1801.
Not published here.

= *L. perenne* fide Host in Roemer, Coll. Bot. 230.
1809. "25 *Lolium perenne*."

Europe

Lolium westernwoldicum Breakw. Grass & Fodder Pl.
N.S.W. 171. 1923, as syn. of *Lolium italicum*.

See economic index (*L. westernwoldicum*)

Australia

Lophocoma digitata Stapf, Hook. Icon. Pl. 27: 2611. pl.
1899.

South Africa: Transvaal, near Rhönoster Poort, Nelson
32.*

Lophocoma incompleta (Roth) Chiov. Ann. Ist. Bot.

Roma 8: 350. 1908, in obs.

Based on *Chloris incompleta* Roth.

= *C. dolichostachya* Lag. fide Bor, Kew Bull.
1954: 547.

India

Lophatherum annulatum Franch. & Savat. Rhum. Fl. Jap.

2: 180, 605. 1879.

"Hab. in monte Mitake, provinciae, Senano, alt.
4500 ped. (Savatier, n. 3774)."

Japan

Lophatherum dubium Steud. Syn. Fl. Glum. 1: 300. 1854.

"Wight. hrbr. nr. 1090 sine fructu....Ind. or."

India

Lophatherum elatum Zoll. & Moritz in Moritz, Syst. Verz.

Zoll. 102. 1845-46.

"Juxta sylvia prope Passir Madang. Aug. 1843.
No. 1467. Java."

Lophatherum geminatum Baker, Journ. Linn. Soc.

20: 300. 1883.

"Central Madagascar, Baron 1061!"

Basis of *Poecilostachys geminata* (Baker) Hack.

Lophatherum gracile Brongn. in Duperrey, Bot. Voy.

Coquille 2^e: 50. 1831.

East Indies

"Amboine, dans les Moluques."

Lophatherum gracile var. *annulatum* (Franch. & Sav.)

Hack. Bull. Herb. Boiss 7: 707. 1899.

Based on "*L. annulatum* Franch. et Sav."

Japan

Lophatherum gracile var. *occhinahinense* A. Camus, Bull.

Mus. Hist. Nat. 25: 496. 1919.

"Cochinchine (Thorel)."

Lophatherum gracile var. *elatum* (Zoll. & Moritz) Hack.

Bull. Herb. Boiss 7: 707. 1899.

"*L. elatum* Zoll. et Mor."

Java

Lophatherum gracile var. *hispidum* A. Camus, Bull. Mus.
Hist. Nat. 25: 495. 1919.

"Chine: Ningpo (Faber), Nouvelle-Guinée."

Lophatherum gracile var. *intermedium* A. Camus, Bull.

Mus. Hist. Nat. 25: 496. 1919.

"Annam: pr. Thua tien, haute vallée du Song thuy cam
(Eberhardt, no. 3141)."

Lophatherum gracile var. *multiflorum* (Steud.) A. Camus,

Bull. Mus. Hist. Nat. 25: 495. 1919.

Based on *L. multiflorum* Steud.

Java

Lophatherum gracile var. *pilosulum* Hack. Bull. Herb.

Boiss 7: 708. 1899.

Based on "*L. pilosulum* Steud."

Japan

Lophatherum gracile var. *pilosum* A. Camus, Bull. Mus.

Hist. Nat. 25: 495. 1919.

"Annam: vallée de la haute rivière de Ou bi, pr.
Quang tri (Eberhardt, no. 2044); Philippines: Mont
Halcon (Elm. McGill, no. 5543)."

Lophatherum gracile var. *zeylanicum* (Hook.f.) A. Camus,

Bull. Mus. Hist. Nat. 25: 496. 1919.

Based on *L. zeylanicum* Hook.f.

Ceylon

Lophatherum gracile var. *zeylanicum* (Hook.f.) Bor,

Grasses of Burma, Ceylon, India and Pakistan 460.

1960. See A. Camus 1919.

Exsicc.-Thwaites C. F. 920, Ceylon; Walker,
Ceylon.

Lophatherum humile Miq. Ann. Mus. Bot. Lugd. Bat.

2: 282. 1866.

"Prope Nangasaki detexit Oldham n. 948."

[Japan]

Lophatherum japonicum Steud. Syn. Fl. Glum.

1: 300. 1854.

Based on "*Acroelytrum japonicum* Steud. Hrbr. Goering
nr. 2.Japonia."

Lophatherum lehmanni Nees ex Steud. Syn. Fl. Glum. //

300. 1854.

"Hrbr. Lehm. Nepal."

Asia

Lophatherum multiflorum Steud. Syn. Fl. Glum.

1: 300. 1854.

"*L. elatum* Zoll. ...ex parte. Java."

Lophatherum pilosulum Steud. Syn. Fl. Glum. 1: 428.

1855.

"Sec. specimen mutilatum Hrbi. Mus. Lugd. Bat.
Japon."

Lophatherum sinense Rendle, Journ. Linn. Soc. Bot.

36: 421. 1904.

"Kiangsi: Kiukiang (Shearer!) Herb. Kew."

Lophatherum zeylanicum Hook.f. Fl. Ceylon 5: 303. 1900.

"Ceylon (Walker), Woods of the S. of the Island (Thwaites), Pasdun Korale (Gardner)."

Lophochlaena californica Nees, Ann. Nat. Hist. I.
1: 283. 1838.

"California, Douglas."

= *Pleuropogon californicus* (Nees) Benth. ex Vasey
Man. U. S.

Lophochlaena refracta A. Gray, Amer. Acad. Sci. Proc.
8: 409. 1872.

= *Pleuropogon refractus* (A. Gray) Benth.
[Oregon] Man. U. S.

Lophochloa cristata (L.) Hylander, Nord. Kärleväx. 1: 283.
1953.

Based on *Festuca cristata* 1753.

= *Koeleria cristata* (L.) Pers.

Lophochloa obtusiflora (Boiss.) Gontsch. in Komarov,
Fl. U.R.S.S. 2: 338, pl. 25, f. 20. 1934.

Based on *Koeleria obtusiflora* Boiss.

Persia

Lophochloa paradoxa Scheele, Flora 27: 61. 1844.

= *K. phleoides* (Vill.) Pers.
Istria, Sieber

Lophochloa phleoides (Vill.) Reichb. Fl. Germ. Exours.
42. 1830.

Based on *Festuca phleoides* Vill.

= *Koeleria phleoides* (Vill.) Pers.

Lophochloa villosa Fourr. Ann. Soc. Linn. Lyon, N. S.
17: 184. 1869.

Based on *Koeleria villosa* Pers.
Mediterranean, Europe

Lopholepis ornithocephala (Hook.) Steud. Syn. Fl. Glum.
1: 112. 1854.

Based on "*Holboellia ornithocephala* Hook."
East Indies - montes Maduræ.
= *Holboellia ornithocephala* Hook.

Lophopogon duthiei Stapf in Bor, Grasses of Burma, Ceylon,
India and Pakistan¹⁹⁰ 689. 1960.

Ind. Or.: J. F. Duthie 8490, Madhya Pradesh
(holotypus in Herb. Kew.).

One collection only

Lophopogon intermedius A. Camus, Bull. Mus. Hist. Nat.
25: 285. 1919.

"Tonkin: Ouombi (Balansa, no. 394); Sept. Pagodes
(Mouret, no. 542); Phu quoc (Pierre, Godefroy,
no. 935)."

Lophopogon kingii Hook.f. Fl. Brit. Ind. 7: 149. 1896.

"Behar; at Monghir, Herb. Hort.
Calcutt."
India

Lophopogon tenax Balansa, Journ. de Bot. 4: 83. 1890.

"Recueilli par le Docteur Harmand sur les bords de
sable du fleuve de Bassac (Laos)." 1'Indo-Chine
française.

Basis of *Sclerandrium tenax* Pilg.
Indo-China

Lophopogon tridentatus (Roxb.) Hack. in DC. Monog.
Phan. 6: 254. 1889.

Based on *Andropogon tridentatus* Roxb.
Hort. Beng. 82. 1814, nom. nud.; Fl. Ind. 1: 261.
1820.

India

Lophopogon truncatiglumis (F. Muell.) Hack. in DC.
Monog. Phan. 6: 255. 1889.

Based on "*Ischaemum truncatiglume* F. Muell."
ex Benth. Fl. Austr. 7: 578. 1878.

= *Sclerandrium truncatiglume* (Muell) Stapf & Hubb.
Australia

Loretia delioatula Willk. Suppl. Prod. Fl. Hisp. 24.
1893, without description.

"*Festuca delioatula* Link" cited as syn.; error, there
is no *F. delioatula* Link. Error in Ind. Kew Suppl.
I: 255. 1901-1906.

F. delioatula Lag. 1805.
Savi 1832.

Loretia geniculata (L.) Duval-Jouve, Rev. Sci. Nat. II.
2: 36, 42. 1880.

Based on *Bromus geniculatus* L.

Loretia gypsophila Willk. Illustr. Fl. Hisp. 1: 125.
pl. 76b. 1881-85; et Suppl. Prod. Fl. Hisp. 24.
1893.

Based on *Festuca gypsophila* Hack. 1877.

Loretia incrassata (Lam.) Duval-Jouve, Rev. Sci. Nat. II.
2: 37, 41. 1880.

Based on *Bromus incrassatus* Lam.

Loretia ligustica (All.) Duval-Jouve, Rev. Sci. Nat. II.
2: 35, 43. 1880.

Based on *Bromus ligusticus* All.

Loretia setacea Duval-Jouve, Rev. Sci. Nat. II.
2: 38, 40. 1880.

Based on *F. setacea* Guss. which is based on *Vulpia*
setacea Parl. non Vair.

Loretia tenuis Hack. ex Willk. Illustr. Fl. Hisp. 127.
pl. 77/a. 1881-85.

Based on "*Vulpia tenuis* Parl."
= *Festuca tenuis* Nym.
Italy Spain

Loudetia acuminata (Stapf) C. E. Hubb. Kew Bull. Miso.
Inf. 1934: 429. 1934.

Based on *Trichopteryx acuminata* Stapf
Africa

Loudetia ambiens (Schum.) C. E. Hubb. Kew Bull. Miso.
Inf. 1934: 431. 1934.

Based on *Trichopteryx ambiens* Schum.
Africa

Loudetia angolensis C. E. Hubb. Kew Bull. Miso. Inf.
1934: 426. 1934.

"Angola: Benguela; country of the Ambuellas and
Ganguellas, Gossweiler 2458A (type)"

Africa

aff. *L. arundinacea* Steud.

Loudetia annua (Stapf) C. E. Hubb. Kew Bull. Miso. Inf.
1934: 429. 1934.

Based on *Trichopteryx annua* Stapf
Africa

Loudetia anomala C. E. Hubb. & Schweick. Kew Bull. Miso.
Inf. 1936: 324. 1936.

"South West Africa: Damaraland: Auros, near Groot-
fontein, on dolomitic soil, Schoenfelder 892 (Type
in Nat. Herb. Pretoria no. 19710)

aff. *L. ramosa* (Stapf) Hubbard.

Loudetia arundinacea (Hochst.) Steud. Syn. Fl. Glum.
1: 238. 1854.

Based on *Tristachya arundinacea* Hochst. ex Rich.
"(Hrbr. un it nr. 1214)"...."Abyssinia."

Loudetia arundinacea Steud. [Franch. in Bull. Soc. hist.
nat. Autun 8: 372. 1893; error for *Loudetia arundi-*
nacea Steud. q.v.]

Loudetia arundinacea var. *Hensii* (De Wild.) C.E. Hubb.
ex Pichi-Serm., Miss. Studio Lago Tana 7: 180. 1951.

Sous-district de la plaine de lave et des formations
sclerophylles: entre Kisenyi et Sake, savane, 1928,
Soaetta 248; id 1939, Zappelli 187.

Loudetia arundinacea var. *hensii* (De Wild.) C. E. Hubb.
Revised List of Kenya Grasses 36. 1958.

Loudetia arundinacea var. *trichantha* C. E. Hubb. ex
Hutch. in Hutch. & Dalziel, Fl. West Trop. Afr.
2: 544. 1936, English descr. only.

"Sierra Leone: Kanya, 1500 ft.; Kaballa, 1200 ft.;
Also in French Cameroons and other parts of tropical
Africa. Exsicc.--Thomas 3043; 2266."

Loudetia baldwinii C. E. Hubb. Kew Bull. 1949: 356. 1949

FRENCH GUINEA: Macenta, frequent on open rock hill,
660-830 m., October 14-15, 1947, J. T. Baldwin Jr.
9757.

Loudetia barbata A. Braun, Flora 24⁶: 714. 1841, comb.
implied here.
This reference cited by Steud. Syn. Fl. Glum. 1: 238.
1854, as syn. of *Tristachya barbata* Nees
South Africa

Loudetia Bequaertii (De Wild.) C. E. Hubb. Kew Bull.
Miso. Inf. 1934: 431. 1934.

Based on *Trichopteryx Bequaertii* De Wild.
Africa

Loudetia bidentata Berhaut, Bull. Soc. Bot. France
Mém. 1953: 9-12. 1954.

Senegal, Africa

Loudetia camerunensis (Stapf) C. E. Hubb. Kew Bull.

Misc. Inf. 1934: 431. 1934.

Based on *Trichopteryx camerunensis* Stapf

Africa

Loudetia capillipes C. E. Hubb. Kew Bull. Misc. Inf.

1934: 432. 1934.

"French Guinea: Timbo, ...Pobéguin 1757."

Africa

aff. *L. ambientii* (Schum.) C. E. Hubb.

Loudetia cerata (Stapf) C. E. Hubb. Kew Bull. Misc.

Inf. 1934: 429. 1934.

Based on *Trichopteryx cerata* Stapf

Africa

Loudetia coarctata (A. Camus) C. E. Hubb. Kew Bull.

Misc. Inf. 1934: 428. 1934.

Based on *Tristachya coarctata* A. Camus

Africa

Loudetia crassipes C. E. Hubb. Kew Bull. 1934: 430. 1934.

"Angola: Benguella; country of the Ganguellas and Ambuellas, Gossweiler!"

Africa

aff. *L. Demeusei* (De Wild.) C. E. Hubb.

Loudetia Demeusei (De Wild.) C. E. Hubb. Kew Bull. Misc.

Inf. 1934: 429. 1934.

Based on *Trichopteryx Demeusei* De Wild.

Africa

Loudetia densispica (Bendle) C. E. Hubb. Kew Bull.

Misc. Inf. 1934: 428. 1934.

Based on *Trichopteryx densispica* Bendle

Africa

Loudetia echinulata C. E. Hubb. Kew Bull. 1949: 354.

1949.

FRENCH EQUATORIAL AFRICA: Oubangui-Chari; Ouaka (Waka) District, on wet gneiss rocks at Marama, 30 km. south of Ippy, October 10th, 1928, C. Tisserant 2712 (Herb. G. le Testu).

Loudetia elegans Hochst. Flora Intell. 24: 20. 1841,

nom. nud.; ex Rich. Tent. Fl. Abyss. 2: 418. 1851.

as syn.; *Tristachya elegans* Rich. ex Steud. Syn. Fl.

Glum. 1: 238. 1854 date of publication of *L. elegans*

Hochst. *Loudetia* not validly published until 1854.

Hochst. ex Steud. Syn. Fl. Glum. 1: 238. 1854.

= *L. simplex*

[u] *Loudetia elegans* Hochst. [Franoh. in Bull. Soc. hist.

nat. Autun 8: 373. 1893 --error for *Loudetia elegans*

Hochst.]

Loudetia eriopoda C. E. Hubb. Kew Bull. Misc. Inf.

1934: 433. 1934.

"Cameroons: Tibati Highland; Assum, Tessenmann 2728."

Africa

aff. *L. simplicis* (Nees) C. E. Hubb.

Loudetia esculenta C. E. Hubb. Kew Bull. 1949: 352. 1949.

Anglo-Egyptian Sudan: Equatoria Province; Abu Satta

Hills, Tambura, Sept. 20, 1947, Mrs. Culwick 26

(85).

Africa

Loudetia falsipes C. E. Hubb. Kew Bull. 1957: 61. 1957.

Liberia: Western Province; Kolahun District, on rock outcrop near Genna-Loffa, 2 Nov. 1947, Baldwin 10085. Vonjama District, rock outcrop near Soplina, 1 Nov. 1947, Baldwin 10058 (type)."

Africa

Loudetia filifolia Schweick. Kew Bull. Misc. Inf.

1935: 207. 1935.

"Transvaal, Zoutpansberg District; Zoutpan, frequent in rock crevices on northern slopes of the Zoutpansberg, Schweickherdt and Verdoorn 523."

Africa

aff. *L. flavida* (Stapf) C. E. Hubb.

Loudetia filifolia ssp. *humbertiana* A. Camus, Bull.

Soc. Bot. France 102: 533. 1955.

"Madagascar Nord (W): vallée de la Mahavavy du Nord environs de Manambato---(dist. d'Ambilobe), alt. 150-800 m., Humbert et Capuron 25.595."

"Supports les feux annuels."

Loudetia flammida (Trin.) C. E. Hubb. Kew Bull. Misc.

Inf. 1936: 321. 1936.

Based on *Arunelinella flammida* Trin.

Brazil

Loudetia flavida (Stapf) C. E. Hubb. Kew Bull. Misc.

Inf. 1934: 429. 1934.

Based on *Trichopteryx flavida* Stapf

Africa

Loudetia glabrata (Schum.) C. E. Hubb. Kew Bull. Misc.

Inf. 1934: 431. 1934.

Based on *Trichopteryx glabrata* Schum.

Africa

Loudetia Gossweileri C. E. Hubb. Kew Bull. Misc. Inf.

1934: 428. 1934.

"Angola: Benguella; country of the Ganguellas and Ambuellas, Gossweiler 2734, 3760."

Africa

aff. *L. coarctata* (Camus) Hubbard.

Loudetia grisea (Schum.) Pilger, Notizbl. Bot. Gart.

Berlin 14: 94. 1938.

Based on *Trichopteryx grisea* Schum.

Africa

Loudetia Hitchcockii C. E. Hubb. Kew Bull. Misc. Inf.

1935: 309. 1935.

"Southern Rhodesia: Victoria Falls, Hitchcock 24193, 24229 (type)"

Africa

aff. *L. lualabaensis* (De Wild) Hubbard

Loudetia hordeiformis (Stapf) C. E. Hubb. Kew Bull.

Misc. Inf. 1934: 431. 1934.

Based on *Trichopteryx hordeiformis* Stapf

Africa

Loudetia jaegerianus A. Camus, Journ. Agr. Trop. & Bot.

Appliquée 1: 212. 1954.

Sierra Leone: Mont Loma, prairie d'altitude formant un tapis ras sur la pente S.--S.E. du Sérelen-Kouko, ---Jaeger no. 1705. 15 sept. 1945.

Loudetia kagerensis (Schum.) C. E. Hubb. in Hutch. &

Dalziel, Fl. West Trop. Afr. 2: 544. 1936, short

Engl. descr. only.

Based on *Trichopteryx kagerensis* Schum.

Africa

Loudetia lanata (Stent & Rattray) C. E. Hubb. Kew Bull.

Misc. Inf. 1934: 429. 1934.

Based on *Trichopteryx lanata* Stent & Rattray

Africa

Loudetia longipes C. E. Hubb. Kew Bull. Misc. Inf.

1934: 430. 1934.

"Angola: Benguella, country of the Ganguellas and Ambuellas, Gossweiler 4033."

Africa

aff. *L. lanata* (Stent & Rattray) Hubbard

Loudetia lualabaensis (De Wild.) C. E. Hubb. Kew Bull.

Misc. Inf. 1935: 309. 1935.

Based on *Trichopteryx lualabaensis* De Wild.

Africa

Loudetia migiurtina (Chiov.) C. E. Hubb. Kew Bull. Misc.

Inf. 1934: 429. 1934.

Based on *Trichopteryx migiurtina* Chiov.

Africa

Loudetia pedicellata (Stent) L. Chippindall,

Grasses and Pastures of South Africa 280. f. 251, 1955.

Based on *Tristachya pedicellata* Stent.

South Africa

Loudetia pennata (Chiov.) C. E. Hubb. Kew Bull. Misc.

Inf. 1934: 428. 1934.

Based on *Trichopteryx pennata* Chiov.

Africa

Loudetia perrieri A. Camus, Bull. Soc. Bot. France

106: 20. 1959.

Madagascar, Centre: Antsirabe, alt. 1,500 m. Perrier de la Bathie, peu répandu; herb. Mus. Paris.

[distinguished from *L. stipoides* Hack. by the panicle narrower, less lax, the spikelets larger, the upper floret to 5mm. long----]

Loudetia phragmitoides (Peter) C. E. Hubb. Kew Bull.

Misc. Inf. 1934: 428. 1934.

Based on *Trichopteryx phragmitoides* Peter.

Africa

Loudetia pilgeriana Conert, Bot. Jahrb. Engler 77:

257. pl. 18. 1957.

Viguier et Humbert 1745 Madagascar. Holotypus (B).--Viguier et Humbert 1286, Madagascar (B) (s. Taf. 1).

Loudetia pusilla Chiov. Atti Reale Accad. d'Italia

Memor. Classe Sci. Fisic. Math. Nat. 11: 64. 1940.

"(Lophanthera)"

"Tanganika: Vetta del monte Pangulidale---3 luglio 1935 (P. Natalie M. Enselio, n. 1.)"

Africa

Loudetia ramosa (Stapf) C. E. Hubb. Kew Bull. Misc.

Inf. 1936: 321. 1936.

Based on *Trichopteryx ramosa* Stapf

Africa

Loudetia simplex (Nees) C. E. Hubb. Kew Bull. Misc.
Inf. 1934: 431. 1934.

Based on *Tristachya simplex* Nees

Cape Good Hope, Africa. Drege

Loudetia simulans C. E. Hubb. Kew Bull. 1949: 353. 1949.

FRENCH EQUATORIAL AFRICA: Oubangui-Chari; Bozoum Region, summit of the rock of Yaoyam, 20 km. east of Bozoum (Bosum), 1100 m., in clefts in the rock, Nov. 11, 1937, U. Tisserant 3601 (Typus) (Herb. G. Le Testu).

Africa

Loudetia stipoides (Hack.) Conert, Bot. Jahrb. Engler
77: 256. 1957.

Based on *Arundinella stipoides* Hack. 1884.

Hildebrandt 3999, Zentral-Madagaskar, Holotypus (B)
--Humbert 7129, Zentral-Madagaskar (B).

Trichopteryx stipoides (Hack.) Hack. 1891.

Loudetia stipoides ssp. *pallida* A. Camus, Bull. Soc.
Bot. France 106: 21. 1959.

2 varieties which see

Madagascar

Loudetia stipoides ssp. *pallida* f. *fiheranensis* A. Camus
Bull. Soc. Bot. France 106: 22. 1959.

Madagascar. Sud-Ouest: forêt d'Analafanja au N. du
Fiheranana, alt. 950-1,000 m., Humbert 14285.

Loudetia stipoides ssp. *pallida* f. *typica* A. Camus,
Bull. Soc. Bot. France 106: 22. 1959.

Madagascar: Centre (Sud-Ouest): 1 kalamarong,
Distr. d'Ambohimahasoa, Humbert 30231.

Loudetia stipoides var. *pseudarundinacea* A. Camus,
Bull. Soc. Bot. France 106: 22. 1959.

Madagascar: Centre, S-W: plateaux et vallées de
l'Isalo à l'W de Ranohira, grès et sables siliceux,
alt. 800-1,250 m. Humbert 28648, type 29785.

Loudetia superba De Not. Ind. Sem. Hort. Genuens.
24. 1852; Ann. Sc. Nat. Ser. III. 19: 369. 1853.

[*Loudetia* Hochst. ex Steud. Syn. Fl. Glum. 1: 238.
1854 valid publication of genus *Loudetia*]

[see generic card]

"In Nubia superiori legit Figari."

Africa

Loudetia ternata (Stapf) C. E. Hubb. Kew Bull. Misc.
Inf. 1934: 431. 1934.

Based on *Trichopteryx ternata* Stapf

Africa

Loudetia thomasi C. E. Hubb. Kew Bull. Misc. Inf.
1934: 427. 1934.

Uganda: Toro District; Kyegegwa, ...Thomas 1027.

Africa

aff. *L. arundinacea* Steud.

Loudetia thoroldii C. E. Hubb. Kew Bull. 1957: 62. 1957.

Gold Coast: Northern Territories; Damonge, in orchard
grassland near old Rest House, Nov. 1948, Thorold
285 (type). Tamale, 8 Oct. 1949, Baldwin 13565.
Kpandae, swampy places and along rivers, 27 Nov. 1953,
Alesi SLUS/443.

Africa

Loudetia tisserantii C. E. Hubb. Kew Bull. 1949: 357.
1949.

FRENCH EQUATORIAL AFRICA: Oubangui-Chari; Ouaka
(Waka) District, at the foot of gneiss rocks at
Keyorede, 20 km. south of Ippy, October 8th 1928,
C. Tisserant 2713 (Herb. G. Le Testu).

Loudetia togoensis (Pilger) C. E. Hubb. Kew Bull. Misc.
Inf. 1934: 431. 1934.

Based on *Trichopteryx togoensis* Pilger

Africa

Loudetia trigemina C. E. Hubb. Kew Bull. Misc. Inf.
1934: 432. 1934.

"Northern Nigeria: Wana...Hepburn."

Africa

aff. *L. capillipes* Hubbard

Loudetia Vanderystii (De Wild.) C. E. Hubb. Kew Bull.
Misc. Inf. 1934: 428. 1934.

Based on *Trichopteryx Vanderystii* De Wild.

Africa

Loudetia villosipes C. E. Hubb. Kew Bull. 1949: 355.
1949.

NIGERIA: Ondo Province and District; Idanre, summit
of Carter's Peak, in tufts in crevices of flat granite
top, Nov. 20, 1946, R. M. J. Keay & C. F. Onochie in
Forest Herbarium, Ibadan 21563.

Africa

Loudetiopsis ambiens (K. Schum.) Conert, Bot. Jahrb.
77: 281. 1957.

Based on *Trichopteryx ambiens* K. Schum.

Tristachya parviflora Hack.
Loudetia ambiens (K. Schum) C.E. Hubb. } as syns.

"Baumann 353, holotypus"

West Africa

Loudetiopsis capillipes (C.E. Hubb.) Conert, Bot. Jahrb.
Engler 77: 284. 1957. (f. 8. p. 286)

Based on *Loudetia capillipes* C. E. Hubb.

"Probéguin [error for Pobéguin] 1727 II, Franz.
Guinea (K).

Africa

Loudetiopsis chevalieri (Stapf) Conert, Bot. Jahrb.
Engler 77: 290. 1957.

Based on *Tristachya chevalieri* Stapf.

Chevalier 6358, nördliches Zentral-Afrika (K)

Loudetiopsis ohrysothrix (Nees) Conert, Bot. Jahrb.
Engler 77: 285. 1957.

Based on *Tristachya ohrysothrix* Nees
Troll 1031, Bolivia (B).--Sellow, Brasilia,
Leototypus (B).

Loudetiopsis fulva (C. E. Hubb.) Conert, Bot. Jahrb.
Engler 77: 287. 1957.

Probéguin [error for Pobéguin] 1798, Franz.
Guinea. Holotypus (K)

Based on *Tristachya fulva* C. E. Hubb.

Africa

Loudetiopsis glabrata (K. Schum.) Conert, Bot. Jahrb.
Engler 77: 287. 1957.

Based on *Loudetia glabrata* (K. Schum.) C. E. Hubb.
1934; *Trichopteryx glabrata* K. Schum. Bot. Jahrb.
24: 336. 1897 in obs.

Zenker 545, Kamerun (B)

Africa

Loudetiopsis glabrinodis (C.E. Hubb.) Conert, Bot. Jahrb.
Engler 77: 288. 1957.

Based on *Tristachya glabrinodis* C.E. Hubb. Kew Bull.
1949: 358.

"Hinde 3853, Goldküste, Holotypus (K)."

Loudetiopsis kerstingii (Pilger) Conert, Bot. Jahrb.
Engler 77: 289. 1957.

Based on *Trichopteryx kerstingii* Pilger.
Kersting 621, Togo, Type

Tristachya kerstingii (Pilger) C.E. Hubb.

Africa

Loudetiopsis purpurea (C.E. Hubb.) Conert, Bot. Jahrb.
77: 292. 1957.

Based on *Tristachya purpurea* C.E. Hubb.

"T. minuta Chevalier, Rev. Bot. Appl. Agric. Trop.
(1934) 43, pro parte." *Danthoniopsis purpurea*
(C.E. Hubb.) Jacques-Félix in B.I.B.A. no 333-334
(1950) 423.

"Probéguin 1796, Franz. Guiana (K). error for
Pobéguin

Loudetiopsis ternata (Stapf) Conert, Bot. Jahrb. Engler
77: 282. 1957. (f. 9 p. 286)

Based on *Trichopteryx ternata* Stapf in Morot, Journ.
de Bot. 19(1905) 106."

= *Loudetia ternata* (Stapf) C.E. Hubb. 1934.

Africa. Kersting 575, Togo.

Africa

Loudetiopsis trigemina (C.E. Hubb.) Conert, Bot. Jahrb.
Engler 77: 283. 1957.

"Hepburn 1931, Flora of Nigeria; Wana, Holotypus (K)."

Africa

Loudetiopsis tristachyoides (Trin.) Conert, Bot. Jahrb.
Engler 77: 291. 1957.

Based on *Panicum tristachyoides* Trin. 1836.
Deighton 3035 A, Sierra Leone (K).

Tristachya tristachyoides (Trin.) C.E. Hubb. 1935.
"microstachya Nees ex Steud. 1854.

"tuberculata Stapf, 1897.

Danthoniopsis tristachyoides (Trin.) Jacques-Félix 1950.
"tuberculata (Stapf) Jacques-Félix 1950.

Africa

Loudetiopsis villosipes (C.E. Hubb.) Conert, Bot. Jahrb.
Engler 77: 283. 1957.

Based on *Loudetia villosipes* C. E. Hubb.

"Klay et Onochie 21563, Flora of Nigeria, Holotypus
(K)

Africa

Louisiella fluitans C. E. Hubbard & J. Léonard, Bull.
Jard. Bot. Brux. 22: 317. 1952.

Type: District of the Central Forest: Yangambi, près
de Stanleyville, prairie aquatique, herbe avec
une tache rouille au-dessus de la ligule, dec.
1947, J. Léonard 1558! (Herb. Brux., Pretoria,
Yangambi): ibid, marais au centre d'une île,
herbe rampant au-dessus des *Fistia stratiotes*,
juill. 1948. J. Léonard 1798! (Holotype Hb.
Brux., Kew, Yangambi).

Africae Centrali Incola

Loxostachys lachnanthus Peter, Repert. Sp. Nov. Pedde
Beih. 40: 204, (Anhang 55), pl. 14. f. 1. 1930.

"Deutsch Ost Afr. Handel: Uw bei Maramba ... (Peter
20524); Maramba, Uw → Maneno Mbangu (Peter 20960)

Japan

(Jahl.) Fl.
Manisuris hirsuta Kuntze, Rev. Gen. 1: 780. 1891.

Based on *Rottboellia hirsuta* Vahl.
 Alexandria Egypt.

Manisuris impressa (Griseb.) Kuntze, Rev. Gen. Fl.
 1: 780. 1891.

Based on *Rottboellia impressa* Griseb.
 Cuba, Wright 3904 Man. U. S.

Manisuris latifolia (Steud.) Kuntze, Rev. Gen. Fl.
 1: 780. 1891.

Based on *Rottboellia latifolia* Steud.
 Japan Göring.

Manisuris latifolia var. *foliata* (Steud.) Honda, Bot. Mag.
 Tokyo 39: 275. 1925.

Based on *Rottboellia foliata* Steud.
 Japan

Manisuris leonina Hitchc. & Chase, Contr. U. S. Nat.
 Herb. 18: 275. 1917.

"Type in U. S. National Herbarium, no. 950205, col-
 lected in pine barren, San Julian, south of Guane,
 Province of Pinar del Rio, Cuba, December 27, 1916,
 by Brother León (no. 6981)."

Manisuris loricata (Trin.) Kuntze, Rev. Gen. Fl.
 1: 780. 1891.

Based on *Rottboellia loricata* Trin.
 Brazil

Manisuris mollicoma (Hance) Kuntze, Rev. Gen.
 1: 780. 1891.

Based on *Rottboellia mollicoma* Hance
 Ins. Danorum, Whampoa, Hance exsicc. 7558.
 China

Manisuris myurus L. Mant. Fl. 2: 300. 1771.

"Habitat in India."
 [type species of *Manisuris* L. 1771.
Peltophorus Desv. 1810.]

Manisuris nigrescens (Thwaites) Kuntze, Gen. Fl.
 1: 780. 1891.

Based on *Rottboellia nigrescens* Thwaites
 [Ceylon]

Manisuris polystachya Beauv. Fl. Oware et Benin.
 1: 24. t. 14. 1804.

"Je l'ai trouvée, à Chama, à Oware et à Benin, dans
 les prairies humides."
 = *Hackelochloa granularis* (L.) Kuntze
 Africa Man. U. S.

Manisuris porifera Hack. in Oest. Bot. Zeitschr. 41: 48.
 1891.

"Sikkim: Dikeeling...C. B. Clarke nr. 975."
 Basis of *Hackelochloa porifera* (Hack.) Rhind
 India
 Sikkim, Naga Hills, Burma, Tonkin, China

Manisuris protensa (Steud.) Hitchc. Brittonia 2: 127.
 1936.

Based on *Hemarthria protensa* Steud.
 list
 Ind. or. (Wall. cat. nr. 8872)

Manisuris ramosa (Fourn.) Hitchc. Proc. Biol. Soc.
 Washington 40: 88. 1927.

Based on *Apogonia ramosa* Fourn.
 Rio Blanco, Julio (Bourg. n. 2647); Orizaba
 (Botteri 146 in part; F. Muell. n. 1398); Mirador
 (Schaffn.) Mexico

Manisuris rottboellioides (R. Br.) Kuntze, Rev. Gen. Fl.
 1: 779. 1891.

Based on *Ischaemum rottboellioides* R. Br.
 N. Holland [Australia]

Manisuris rugosa (Nutt.) Kuntze, Rev. Gen. Fl.
 780. 1891.

Based on *Rottboellia rugosa* Nutt.
 Man. U. S.
 Florida, Baldwin

Manisuris rugosa var. *chapmani* (Hack.) Scribn. Mem.
 Torrey Club 5: 28. 1894.

Rottboellia rugosa Chapm. Not Nutt.

Based on "*Rottboellia rugosa* var. *chapmani* Hack."
 = *Manisuris rugosa* (Nutt.) Kuntze Man. U. S.
 Fla. -- N. Car.

Manisuris selloana (Hack.) Kuntze, Rev. Gen. Fl.
 1: 780. 1891.

Based on *Rottboellia selloana* Hack.
 Brazil (Sello)

Manisuris speciosa (Steud.) Kuntze, Rev. Gen. Fl.
 1: 779. 1891.

Based on *Androp. speciosus* Steud., Syn. Fl. Glum.
 1: 375. 1854.
 "Nees (mpt. sub *Ischaemum*)"
 Royle hrbr. nr. 263. Nepal
 [India]

Manisuris striata (Nees) Kuntze, Rev. Gen. Fl.
 1: 780. 1891.

Based on *Rottboellia striata* Nees
 List
 Ind. or. (Wall. Cat. nr. 8876 & 8877)

Manisuris sulcata (Stapf) Dandy, Journ. Bot. Brit. &
 For. 69: 54. 1931.

Based on *Peltophorus sulcatus* Stapf
 = *Heteropholis sulcata* (Stapf) C. E. Hubb.
 Belgian Congo: Katanga;... (Homblé 56)

Manisuris talbotii (Hook.f.) Bor, Grasses of Burma,
 Ceylon, India and Pakistan 192. f. 4. 1960.

Based on *Rottboellia talbotii* Hook.f.
 Goa District, Bombay, endemic.
 Exsicc. - W. A. Talbot 2572, Goa.

Manisuris tessellata (Steud.) Scribn. U. S. Dept. Agr.
 Div. Agrost. Bull. 20: 20. f. 9. 1900.

Based on *Rottboellia tessellata* Steud.
 Louisiana, Riehl 60. Man. U. S.

Manisuris tessellata var. *areolata* (Hack.) Scribn.
 U. S. Dept. Agr. Div. Agrost. Bull. 17. ed. 2: 9.
 1901.

Presumably based on *Rottboellia corrugata* var.
areolata Hack.
 Mobile, Ala. C. Mohr. Man. U. S.
 = *Manisuris tessellata* (Steud.) Scribn.

Manisuris thyrsodea (Hack.) Kuntze, Rev. Gen. 41.
 1: 780. 1891.

Based on *Rottboellia thyrsodea* Hack.
 Ind. or: mont. Khasia (Hook. & Thoms no. 5.)

Manisuris tuberculosa Nash, Bull. N. Y. Bot. Gard.
 1: 430. 1900.

G. V. Nash, No. 1074, June 16-30. 1894.
 Rustis, Fla.

Manularis [error for *Manisuris*] *granularis* Baron in
 Rev. Madagasc. 8: 838. 1906.

that = *Hackelochloa granularis*

Massia trisetia (Nees) Balansa, Journ. de Bot. 4: 165.
 1890.

Based on *Eriachne trisetia* Nees
 Indo China

Matrella juncea Pers. Syn. 1: 73. 1805.

Based on "*Agrostis matrella* Linn. Willd. Sp. Pl. 1.
 p. 367?"
 = *Zoysia matrella* (L.) Merr.

Matudacalamus laxus F. Maekawa, Journ. Jap. Bot. 36(10):
 345. 1961.

"Hab. Mexico, Chiapas, Sierra Madre del Sur, propo:
 Mapastepec, ca. 2200 m. alt. in sylvia Querol, (F.
 Maekawa et Tateoka, No. 60318) Nov. 1960)
 (Typus in TI)."

Mays americana Baumg. Enum. Stirp. Transs. 3: 281. 1816

Based on *Zea mays* Pal. [de Beauv.]
 = *Zea mays* L. Man. U. S.

Mays sativa Mathieu, Fl. Générale Belg. 1: 638. 1855.

"M. sativa Tourn. Inst. 353" [pre Linnaean]
 = *Zea mays*

Mays vulgaris Seringe, Melanges bot. 1: 182. 1818.

= *Zea mays* L.

Mays zea Gaertn. Fruct et Sem. 1: 6. t. 1. f. 9. 1788.

"Zea. Linn. Syst. Veg. 841." cited.
 = *Zea mays* L. Man. U. S.

Mays zea var. *compressa* DC. Hort. Monsp. 123. 1813.

"insulis Mauritianis"
 = *Zea mays* L.

Mays zea var. *microstachya* DC. Hort. Monsp. 123. 1813.

Said to be from China

Mays zea var. *purpurea* DC. Hort. Monsp. 123. 1813.

Common in gardens
 = *Zea mays* L.
 Cult. France

Megastachya infirma (H.B.K.) Roem. & Schult. Syst. Veg.
2: 585. 1817.

Based on "*Poa infirma* Humb. et Bonpl."

regni Novogranatensis, inter Fontibon, Suba et Santa Fe de Bogota

Colombia, South Amer.

Man. U. S.

= *Poa annua* L.

Megastachya leersoides Presl, Cyp. Gram. Sicul. 44. 1820

"Hab. in arenosis maritimis Panormi."

Basis of *Poa leersoides* Guss.

Palermo, Sicily

Europe

Megastachya maxima Boj. ex Baker, Journ. Linn. Soc. Bot.

21: 454. 1885, as syn. of *Eragrostis maxima* Baker

Madagascar

= *Eragrostis*

Boj. = Bojer?
wrote in Hort. Maurit. 1837.

Megastachya maypurensis (H.B.K.) Roem. & Schult. Syst.

Veg. 2: 588. 1817.

Based on "*Poa maypurensis* Humb. et Bonpl."

"in opacatis sylvarum Orinocensium inter Cataractam Sanoti Josephi Maypurensium et confluentem Sipapum"

Venezuela, S. Amer.

= *Eragr. maypurensis*

Megastachya montufari (H.B.K.) Roem. & Schult. Syst. Veg.

2: 586. 1817.

Based on "*Poa montufari* Humb. et Bonpl."

= *Eragrostis montufari*

"in alta planitie Chillensi prope la Hacienda de Don Carlos Montufar: item juxta Puenbo et San Antonio de Lulumbamba ... (Regno Quitensi)."

Chillo, Ecuador

= *Eragr. montufari* (H.B.K.) Steud.

Ecuador, etc.

Megastachya mucronata (Beauv.) Beauv. Ess. Agrost. 74,

167. 1812.

Based on "*Poa mucronata* fl. Ow." *

*In Florè d'Oware 1805 Beauvois describes the species from his own collection, without reference to Poirët's description of it under the same name the year before, but Poirët's epithet (*mucronata*) is accepted. Beauvois' description probably based on the same specimen in Herb. Jussieu, Beauvois having sent his African collections to Jussieu.

Basis of *Centotheca mucronata* (Poir.) Kuntze

Africa

= *Megastachya mucronata*

Megastachya mucronata var. *pilosula* Pilger, Notizbl. Bot.

Gart. Mus. Berlin 15: 61. 1940.

"Deutsch-Ostafrika: Sachsenwald bei Dar es Salam, an schattigen Stellen (Stuhlmann n. 43 --August 1901 Typus!)"

Megastachya multiflora (Forsk.) Beauv. Ess. Agrost. 74,

167. 1812.

Presumably based on *Poa multiflora* Forsk. [*Eragrostis multiflora* (Forsk.) Schweinf. & Aschers. 1867 (not Trin. 1830)] Beauvois gives *Briza multiflora* Forsk. but Forsk. did not publish that name.

Probably *E. cilianensis* (All.) Link

Megastachya nigricans Roem. & Schult. Syst. Veg.

2: 586. 1817.

Based on "*Poa nigricans* Humb. et Bonpl."

prope Conocoto, Chillo et Salgolqui
Ecuador, S. Amer.

Originally described from Ecuador.--fide A.S.H.

[The Archipelago of Chiloe is situated in the southern part of Chile.]

= *Eragrostis nigricans* (H.B.K.) Steud.

Andes

Megastachya oblonga (Moench) Beauv. Ess. Agrost.

74, 167, 175. 1812.

Based on "*Poa oblonga* Moench" [error for *Briza oblonga* Moench. Based on a garden plant]

= *Eragrostis*

Megastachya obtusa (Nutt.) Schult. Mant. 2: 326. 1824.

Based on "*Poa obtusa* Nutt."

= *Eragrostis cilianensis* Man. U. S.

Collected in the neighborhood of Philadelphia by Dr. W. Barton

Megastachya olmedi (H.B.K.) Roem. & Schult. Syst. Veg.

2: 586. 1817.

Based on "*Poa olmedi* Humb. et Bonpl."

Basis of *Eragrostis olmedi* Steud.

in montibus Peruanis et Loxae ad vias, juxta domum botanici hispani Don Vicente Olmedo

South Amer.

Type specimen not located
Eragrostis (from the description may be same as
E. montufari) See Grass. Ecuador etc. p. 343.

Megastachya Owariensis Beauv. Ess. Agrost. pl. 15,

f. 5. 1812.

[in text this is *M. mucronata* (Beauv.) Beauv.]

= " " " "

Africa

Megastachya oxylepis (Torr.) Fourn. Mex. Pl. 2: 118.

1886.

(Fourn. ex Hemsl. Biol. Centr. Amer. Bot. 3: 574. 1885, as syn. of *Eragrostis oxylepis* Torr.)

Based on *Poa oxylepis* Torr. which is based on *P. interrupta* Nutt. Not Lam.

= *Eragrostis oxylepis* (Torr.) Torr. U.S. Man. II.

Sandy banks of the Arkansas [Nuttall]

[*Eragros. secundiflora* Presl in Man. I. but that is rare Mexican sp., not known from U. S.]

Megastachya oxylepis var. *capitata* Fourn. Mex. Pl.

2: 118. 1886.

Cites "*Eragrostis verae* Cruis Rupr." [Publ. as nom. nud. and syn.]

= *Eragrostis oxylepis* (Torr.) Torr.

Vera Cruz, Mex.

Man. U.S. II.

Megastachya panamensis (Presl) Fourn. in Hemsl. Biol.

Centr. Amer. Bot. 3: 574. 1885, as syn. of *Eragrostis maypurensis* Steud. Mex. Pl. 2: 118. 1886.

Based on *Eragrostis panamensis* Presl

Panama

= *Eragr. maypurensis* (H.B.K.) Steud.

Megastachya panicoides Presl, Rel. Haenk. 1: 283. 1830.

"Hab. in Mexico ad Acapulco, verosimiliter in lutosi."

= *Leptochloa panicoides* (Presl) Hitchc.

Man. U. S.

Megastachya ? papposa Roem. & Schult. Syst. Veg.

2: 585. 1817.

"*Poa papposa* Dufour in litt."

"In monte Saguntino regni Valentiae" cited.

Basis of *Eragrostis papposa* (Roem. & Schult.) Steud.

[Sagunto, near Valencia]

Spain

Megastachya pastoensis (H.B.K.) Roem. & Schult. Syst.

Veg. 2: 587. 1817.

Based on *Poa pastoensis* H.B.K.

= *Eragrostis pastoensis* (H.B.K.) Trin.

in regni Novogranatensis...prope urbem Pasto, in radicibus montis Arandensis.

Colombia, South Amer.

Megastachya patula (H.B.K.) Roem. & Schult. Syst. Veg.

2: 585. 1817.

Based on *Poa patula* H.B.K.

= *Eragrostis patula* (H.B.K.) Steud.

"in regni Quitensis juxta pagum Conocoto"

Ecuador, South Amer.

Megastachya ? polymorpha (R. Br.) Beauv. Ess. Agrost.

74, 167, 175. 1812.

Based on *Poa polymorpha* R. Br.

= *Eragr. brownii* (Kunth) Nees

"apud Portum Jackson, ...Hunter's River vel Coal River."

Australia

Megastachya prostrata (H.B.K.) Roem. & Schult. Syst.

Veg. 2: 590. 1817.

Based on "*Poa prostrata* H.B.K."

= *Distichlis prostrata* (H.B.K.) E. Desv.

in valle ... Caripensi ... (Prov. Novae-Andalusiae.)

Venezuela

Megastachya pulchella (Steven ex Marsch.-Bieb.) Roem. &

Schult. Syst. Veg. 2: 591. 1817.

Based on "*Poa pulchella* Steven" ex Marsch.-Bieb.

"in Tauriae ... ad littora maris nigri."

Russia. Eur.

Megastachya purpurascens (Muhl.) Schult. Mant.

2: 326. 1824.

Based on "*Briza purpurascens* Mühlenb."

Carolina

= *E. cilianensis* (All.) Link Man. U. S.

Megastachya ? reptans (Michx.) Beauv. Ess. Agrost.

74, 167, 175. 1812.

Based on *Poa reptans* Michx.

Illinois, Michaux

= *Eragrostis reptans* (Michx.) Nees Man. U. S.

Megastachya ? rigida (L.) Beauv. Ess. Agrost. 74, 167,

175. 1812.

(as new in Roem. & Schult. Syst. Veg. 2: 591.

1817, same basis)

Based on *Poa rigida* L.

France; England

= *Soleropoa rigida* (L.) Griseb.

Megastachya rigida var. *maritima* S. F. Gray. Nat. Arr.

Brit. Pl. 2: 102. 1821.

Triticum maritimum Wulf in Jacq. Collect 3, 24." cited

Wulf. cites: "*Gramen...maritimum* Schweinh. agrost. pag. 274. num. 3. tab. 6. fig. 5."

Megastachya riparia (Willd.) Roem. & Schult. Syst. Veg.

2: 593. 1817.

Based on *Poa riparia* Willd.

Madras India

= *Eragrostis riparia* (Willd.) Beauv.

Megastachya rupestris Roem. & Schult. Syst. Veg.
2: 592. 1817.

Poa rupestris Roth, nov. plant. spec. Ms.--
"In India orientali. Benj. Heyne."
= *Eragrostis rupestris* (Roth) Steud.

Megastachya simpliciflora Presl, Rel. Haenk.
1: 283. 1830.

Hab. in Mexico

= *Eragrostis simpliciflora* (Presl) Steud.

T

Megastachya spectabilis (Pursh) Roem. & Schult. Syst.
Veg. 2: 589. 1817.

Based on "*Poa spectabilis* Pursh"

New York to Carolina

= *Eragr. spectabilis* Man. U. S.

Megastachya swainsoni Raddi, Agrost. Bras. 52. 1823.

"Species rarissima, quam mihi benevole communicavit
D. Swainson red. ex itinere Pernambucano ad Urbem
Rio Janeiro."

Brazil

= *E. cuspidata* Link fide Pilger

Megastachya tenax (H.B.K.) Roem. & Schult. Syst. Veg.
2: 587. 1817.

Based on "*Poa tenax* H.B.K."

= *Eragrostis tenax* (H.B.K.) Steud.

regni Quitensis, prope Chillo et Rio Quangopolo

Q., Ecuador, Peru & Bol.

Megastachya tenella (L.) Bojer, Hort. Maurit. 369. 1837.

Based on "*Poa tenella* L."

Basis of *Eragrostis tenella* (L.) Beauv. ex R. & S.

India

Megastachya thalassioa (H.B.K.) Roem. & Schult. Syst.
Veg. 2: 590. 1817.

Based on *Poa thalassioa* H.B.K. [1816]
Roem. & Schult. cite "H. & B."

["In littore Oceani pacifici prope el Callao de Lima
Quamang et Santa Peruvianorum." Same place cited
by H.B.K.]

= *Distichlis thalassioa* (H.B.K.) Desv.

Peru

Megastachya triticea Presl, Cyp. Gram. Sicul. 45. 1820.

"Hab. in arvis Panormi." [ancient name of Palermo.
Sicily]

Basis of *Eragrostis triticea* (Presl) Steud.

Sicily

Megastachya uninervia Presl, Rel. Haenk. 1: 283. 1830.

Hab. in Mexico Haenke

= *Leptochloa uninervia* (Presl) Hitchc. & Chase

Megastachya unioloides (Ait.) Presl, Cyp. Gram. Sicul.
44. 1820.

Based on "*Triticum unioloides*" Ait.

= *Halopyrum mucronatum* (L.) Stapf

Italy

Melanocenchris abyssinica (R. Br.) Hochst. Flora
38: 274. 1855, in obs.

Based on *Eutriana abyssinica* R. Br.

Africa

Melanocenchris jacquemontii Jaub. & Spach Illustr.

4: 36, pl. 325. 1850-53.

"India tam oistropica (in provincia Delhi) quam
australiori (inter urbes Bombay et Poonah) legit
Jacquemont! (Herb. Mus. Par.)."

Melanocenchris monoica (Roth) Kuntze, Rev. Gen.

18: 780. 1891.

[Fischer in Gamble, Fl. Pres. Madras 10: 1831. cites
Melanocenchris monoica as a n. comb. and says "non
O. Ktz." He gives *gracile mutans* Koen. as syn.]

Based on *Pommereullia monoica* Roth.

[See M. monoica (Rottler) Fisch. 1934 in Gamble, Fl.
Pres. Madras 10: 1831. 1934]

[Fischer says, "Roth's name is invalid, and, in con-
sequence also O. Ktze's combination under *Melanocen-
chris*. Rottler's name was validly published and the
correct combination becomes *Melanocenchris monoica*
(Rottler)" Fisch. which see] C.D.N.

Melanocenchris monoica (Rottler) Fisch. in Gamble, Fl.

Pres. Madras 10: 1831. 1934.

[Based on *Pommereullia monoica* Rottl. 1803. [but not
cited by Fischer l.c.]]

Trankebar nach Madras

[See note by C. D. Miles on card for M. monoica
(Roth) Kuntze.]

Melanocenchris perrottetii Jaub. & Spach, Illustr. 4:

38, pl. 326. 1850-53.

"India, in montibus Nelligherry dictis legit Perrot-
tet! anno 1840 (Herb. Mus. Par.)."

Melanocenchris plumosa (Steud.) Hochst. Flora

38: 273. 1855.

Based on *Ptiloneilema plumosum* Steud.

"Fennisetum plumosum Hrbr. un. it. nr. 794.---
Arab. fel. Abyssinia

Melanocenchris rothiana Nees, Proc. Linn. Soc.

1: 95. 1841.

Based on *Pommereulla monoica* Roth

Madras India

Melanocenchris royleana Nees, Proc. Linn. Soc.

1: 95. 1841.

"Indian herbarium of Dr. Royle"

India

Melanocenchris royleana var. *abyssinica* (R. Br.) Lanza

& Mattei Boll. Orto Bot. Giard. Palermo 9: 57. 1910.

"(in speciminibus Schimper!)"

Melica acuminata Boland, Proc. Calif. Acad. Sci.

4: 104. 1870.

"Mendocino County, May 1866. Number 4698 of Catalogue
1867."

California

= *M. subulata*

Man. U. S.

Melica adhaerens Hack. Repert. Sp. Nov. Fedde

6: 158. 1908.

"leg. Dr. O. Buchtien (no. 851)."

"Bolivia: ---La Paz"

Andes Grasses

Melica adhaerens var. *tenuis* Papp, Notizbl. Bot. Gart.
Berlin 10: 412. 1928. (Dec.)

Based on *Melica weberbaueri* var. *tenuis* Papp op. cit.
p. 355. 1928.

Bolivia: Umgebung von La Paz, 3300 m. u. d. M.
(Plantae Boliviae, a N. L. Britton et H. Rusby distri-
buitae s. n.; Herb. Wien)" [coll. M. Bang.]

Melica aequiglumis f. *pilosa* Papp, Bot. Jahrb. Engler

65: 294. 1932.

Spanien: Maella, Aragonica (F. Loscos s.n. 1864,
H.B. Typus!) Torla (Bordere s.n. VII. 1874, H.B.)

Spain

Melica alata Nees ex Steud. Syn. Fl. Glum. 1: 290. 1854.

Chile

Melica alata var. *filiculmis* (Desv.) Papp, Repert. Sp.

Nov. Fedde 25: 111. 1928.

Based on M. *filiculmis* Desv.

Chile (Gay)

Melica alata var. *mollis* Papp, Repert. Sp. Nov. Fedde

25: 111. 1928.

"Chile: Santiago (Philippi s. n. 1888, Typus
H. V.)" Herb. Wiener

Melica alba Hitchc. Contr. U. S. Nat. Herb. 17: 367.

1913.

In the U. S. National Herbarium, no. 691233, collect-
ed in "Shaded places, Santa Bulalia Mountains, Chi-
huahua, Mexico, April 6, 1885, by C. O. Fringie
(no. 430)

Chihuahua, Mexico

= *M. montezumae* Piper

Melica altissima L. Sp. Fl. 66. 1753.

"In Sibiria, Canada."
error

Siberia, Russia, Asia

Man. U. S.

Melica altissima Walt. Fl. Carol. 78. 1788.

Not L. 1753.

No locality given. [Flora Caroliniana]

Man. U. S. listed under "Unidentified Names" "(See
Hitchcock, Missouri Bot. Gard. Rep. 16: 47. 1905)."

Melica altissima Sobol. Fl. Petrop. 21. 1799. Not

L. 1753.

"Gmel. Fl. Sibir. 1. t. 20." cited.

"Habitat in sylvis circa urbem Gatorium"
[Petropoli]

Eur. Russia

Melica altissima var. *atropurpurea* Papp, Bot. Jahrb.

Engler 65: 322. 1932.

"Hort. in Herb. Berlin."

"Meist kultiviert, so in: Kneucker, Gram. exsicc. Nr.
893, VII. 1908- 1913, Karlsruhe 1. B."

Germany

Melica altissima var. *interrupta* Pers. Syn. Fl.

1: 78. 1805.

"In hortis subinde colitur."

Siberia

Melica altissima var. *interrupta* Reichenb. Icon. Fl. Germ. Helv. 1: 30. pl. 72. f. 1580. 1834, nom. seminud.; ed. 2. 1: 55. 1850, brief descr. of. Pers. 1805.

"Habitat inter frutices in vineis in Bannatu: Heuffel"
Banat, Rumania

Melica altissima f. *interrupta* Rohb. ex Papp, Bot. Jahrb. Engler 65: 322. 1932. See Reichenb. Icon. 1834.

Based on f. "Reichenb. Ic. Fl. Germ. et Helv. 1: (1850) 55; Schur. Enum. pl. Transsilv. (1866) 764."

[not *Melica altissima* var. *interrupta* Pers. 1805 Siberia.]
Rumania

Melica altissima var. *transsilvanica* (Schur) Schur. Oesterr. Bot. Zeitschr. 9: 328. 1859.

Based on "*Melica transsilvanica* Schur"
[Rumania]

Melica amethystina Fourr. Chloris Narbonensis "extrait" republished in Mém. Acad. Roy. Sci. Toulouse 3: 322. 1788.

[Original published in 1783. Reprinted with annotations by Lagrave, Mel. Fourcettianae, Toulouse, 1885, paging of original not seen]

1788 paging given in Ind. Kew and here.

"A. St. Paul de Fenouilhodes, au pont de la Fons, St. Antoine, 40."
France

Melica ampla R. A. Phil. Linnaea 33: 292. 1864.

"Prope S. Felipe de Aconcagua" reperit orn. Landbeck.

Chile

Melica anceps Lojac. Fl. Sic. 3: 315. 1909.

[At Arnold Arb., but grasses occupy 139 p.; so did not have photostat]

Melica andina Haum. Anal. Mus. Nac. Hist. Nat. Buenos Aires 29: 403. 1917.

Argentina

Melica andina var. *laxissima* Papp, Repert. Sp. Nov. Fedde 25: 136. 1928.

"Argentina: Chilecito, Prov. Rioja (L. Parodi no. 7917, S. II. 1927)."

Melica andina var. *trinervis* Papp, Repert. Sp. Nov. Fedde 25: 136. 1928.

"Argentina: Procordillera de Crucecita, Las Heras, Prov. Mendoza (L. Parodi no. 444, leg. E. Carette, XII. 1906)."

Melica angustifolia Boiss. & Blanch. in Boiss. Diagn. Fl. Orient. Nov. II. 3(fasc. 4): 131. 1859.

"Hab. in declivibus et rupestribus Libani supra Sidonem et supra Tripolim cl. Bianche."
Syria

Melica anomala Scribn. ex Beal. Grasses N. Amer. 2: 311. 1896, as syn. of *Epiochloa anomala* Scribn.

Mex. Chihuahua. Pringle 1423.

= *Muhlenbergia longiligula* Hitchc.
Man. U. S.

Melica aquatica Web. ex Beauv. Ess. Agrost. 167. 1812, as syn. of *Poa aquatica* L.

= *Glyceria maxima*

Europe

Melica aquatica (L.) Loisel, Fl. Gall. Ed. 2. 1: 59. 1828.

Based on *Aira aquatica* L.

= *Catabrosa aquatica* Man. U. S.

Europe

Melica argentata E. Desv. in C. Gay, Fl. Chil. 6: 374. 1853.

"Chile (Gay, Cat. propr., no. 1107); Banoagua (Bertero no. 423)."

Melica argentata var. *breviglumis* Papp, Repert. Sp. Nov. Fedde 25: 120. 1928.

"Chile: Illapel (R. Philippi S. N.), (H. V.)"
[Herb. Wiener]

Melica argentea C. Muell. in Walp. Ann. 6: 1024. 1861-65. [signature 128]
error for *M. argentata* E. Desv. q.v.

Chile, Bertero 423.

Melica argentea Beal, Bull. Torrey Club. 17: 153. 1890.

"Siskiyou Mountains, Oregon, July 18, 1887; also... collected on sea coast, Oregon, by Thomas Howell."

= *Poa pringlei* Scribn. Man. U. S.

Melica argyrea Haek. in Stuck. Anal. Mus. Nac. Buenos Aires 11: 134. 1904.

"Stuckert: Herb. arg. no. 10,275."

Argentina

Melica argyrea var. *pilosa* Papp, Repert. Sp. Nov. Fedde 25: 108. 1928.

"Argentina: Rio, Prov. Córdoba (T. Stuckert no. 15305, 18. XII. 1905 Typus!) (H. V.)."
[Herb. Wiener]

Melica aristata Thurb. ex Boland. Proc. Calif. Acad. 4: 103. 1870.

"(Number 4,861, [Bolander] Catalogue, 1867.) Loose soil in open woods near Clark's, 1866. In a similar habitat, Yosemite Valley, June 1866. In loose soil along the Central Pacific Railroad, from Shady Canon to the Summit, July 1869. Shady Hillside, on the road from Bear Valley to Eureka South, ... July, 1869. [California]"
Man. U. S.

Melica armena Boiss. & Kotschy ex Boiss. Fl. Orient. 5: 585. 1884, as syn. of *Melica ramosa* var. *parviflora* Boiss. of page 590.

Orient

Melica armena Boiss. & Kotschy ex Boiss. Fl. Orient. 5: 590. 1884, as syn. of *M. oupani* var. *inaequiglumis* Boiss. of page 585.

Orient

Melica arrecta Kunze, Flora 29: 740. 1846.

"Gibraltar"

Spain

Melica arundinacea Rauschel, Nom. Bot. ed. 3. 24. 1797, nom. nud.

= *M. caerulea* ?

X *Melica ascherissonii* M. Schulze, Mitt. Bot. Ver. Jena 7: 38. 1889.

"M. mutans X picta"

Germany

Melica aspera Desf. Fl. Atlant. 1: 71. 1798.

"Barrel. t. 95 f. 1." cited.

Africa

Melica asperrima Hort. ex Roem. & Schult. Syst. Veg. 2: 530. 1817, as syn. of *M. exasperata* Roem. & Schult.

Europe ?

Melica atropatana Schischk. Bull. Mus. Géorgie 1: 1. pl. 1. 1922.

"Hab.: Er. Distr. Nachidzevan. In collibus Montosis, inter Ordubad et Akulis. 19. V. 19140. Woronow! (M.O.) Persia bor.-occid. Ad ripas lacus Urmiah prope p. Danalu, 25. V. 1916. Schelkovnikov et Sipdinsky (M.O.)." [Caucasus] and Persia

Melica aurantiaca Desr. in Lam. Tabl. Encycl. 4: 70. 1797.

M. aurantiaca Lam. = this

"Cette plante croît naturellement à Montevideo, dans les prairies sablonneuses. Elle a été rapportée de cet endroit par Commerson. (v.s. in Herb. D. Thouin)."

Uruguay

Melica aurantiaca ssp. *cymbaria* Ekman, Ark. fôr Bot. 11: 44. pl. 1. f. 1. 1912.

"Brasiliae civ. Rio Grande do Sul, Fovo Novo, in campo solo fertilior ad stationem vias ferreas legit G. O. Malme, ... sub numero 388 Exp. II. Regn." U.S.

Melica aurantiaca var. *montevicensis* Papp, Notizbl. Bot. Gart. Berlin 10: 352. f. 4. 1928.

"Uruguay: Montevideo (Nov. 1877--J. Arechevaleta s.n.). Herb. Wien"

Melica aurantiaca var. *muconata* Papp, Repert. Sp. Nov. Fedde 25: 128. 1928.

"Uruguay: Montevideo (Sellow no. 2263 D, Typus!)"

Melica aurantiaca var. *rigida* (Cav.) Papp, Notizbl. Bot. Gart. Berlin 10: 352. 1928.

Based on *M. rigida* Cav.

Montevideo....ab Almacen

Uruguay

Melica aurantiaca var. *tandilensis* Kuntze, Rev. Gen. Fl. 3: 356. 1898.

"Argentina: Tandil." [Kuntze]

Melica australis Coss. ex Parl. Fl. Ital. 1: 306. 1848, as syn. of *Melica major* Sibth. & Smith

= *M. minuta* L.

Italy

Melica baetica Bout. ex Willk. & Lange, Prodr. Fl. Hisp. 1: 84. 1861, as syn. of *M. major* Sibth. Sm.

= *M. minuta* L.

Spain

Melica balansae Boiss. & Bal. in Boiss. Diagn. Fl. Orient. Nov. II. 3: 132. 1859.

"Hab. in monte Alidagh Cappadociae et in monte Boulghas dagh Phrygiae ... cl. Balansa."

Asia minor

Melica barbata Maratti, Fl. Rom. 1: 59. 1822.

[Italy]

Melica barbata Moon, Cat. Fl. Ceyl. 8. 1824, without descr. Not Maratti, 1822.

"hilly, reddish or yellow mould, 4 Korles"

Ceylon

Melica baubini All. Auct. Pedem. 43. 1789.

"Loc. Provenit locis rupestribus aridis in Comitatu Nicaeensi."

Nizza, Pedemontana [Nice, France]

Melica baubini Guss. Fl. Sic. Prodr. 1: 66. 1827. Not All. 1789.

All. auct. p. 43 cited.

Also "Cup. H. Cath. p. 92.

Cup. pamph. 2. t. 183."

= *M. cupani* Guss. fide Guss.

Melica baubini Ten. Syll. Fl. Neapol. 37. 1831, as syn. of *M. ciliata* Not All. 1789.

Italy

Melica Bauhinii var. *acutiglumis* Vayreda, Cavanillesia 4: 61. 1931, nom. nud.

"Alhama, Piedra; mayo. Requiere más estudio."

[Plantas de Cataluña]

Spain

Melica Bauhini var. *carramiana* Papp, Bot. Jahrb. Engler 65: 311. 1932.

"Italien: Bordighera (C. Bicknell s.n. 27. V. 1890, H. R. Typus!)"

Melica Bauhini var. *pyramidalis* Pavillard ex Douin in Bonn. Fl. Compl. 12: 35. 1927-32.

"(Hérault, au Pic Saint-Loup (Crête de Montferrant) près de Montpellier)."

France

Melica Bauhini var. *setacea* (Pers.) Papp, Bot. Jahrb. Engler 65: 312. 1932.

Based on *M. setacea* Pers.

Gallia prope Beaucaire

France

Melica Bauhinii var. *spicata* Vayreda, Cavanillesia 4: 61. 1931, nom. nud.

"Cadaqués; mayo, jul."

[Plantas de Cataluña]

Spain

Melica bella Piper, U. S. Dept. Agr. Div. Agrost. Circ. 27: 10. 1900.

"Type Geyer 11. Upper Platte."

= *M. bulbosa* Geyer Man. U. S.

[Colo.; Wyom. or Nebraska]

Melica bella ssp. *intensa* Piper, Contr. U. S. Nat. Herb. 11: 128. 1906.

Wenas, Griffiths & Cotton 103. June, 1902 (type). [Washington]

= *M. bulbosa* Man. U. S.

Melica benedicti Pau ex Zapater, Mem. Soc. Españ. Hist. Nat. 2: 336. 1903, nom. nud.

Spain ?

Melica berteriana R. A. Phil. Anal. Univ. Chile 94: 159. 1896.

"A Bertero prope Rancagua lecta."

Chile

Melica berteriana var. *exaltata* (R. A. Phil.) Papp, Repert. Sp. Nov. Fedde 25: 115. 1928.

Based on *M. exaltata* R. A. Phil.

Prov. Atacama Chile

Melica berteriana var. *pilosula* Papp, Repert. Sp. Nov. Fedde 25: 114. 1928.

"Chile: (Pöppig no. 316, Typus!)"...

Melica berteriana var. *puberula* Papp, Repert. Sp. Nov. Fedde 25: 114. 1928.

"Chile: Valparaíso (Bertero no. 422, IX. 1830, Typus! H. G.)."

Herb. Genfer = Geneva

Melica boissieri Reut. ex Boiss. Fl. Orient. 5: 589. 1884; as syn. of *Melica ciliata* var. *tomentella* Boiss.

Orient.

Melica bolusii Stapf in Thiseit.-Dyer, Fl. Cap. 7: 685. 1900.

"Central Region: Graaff Reinet Div.; on rocks, below the summit of the Compass Berg....Bolus, 19851."

Cape Colony

Melica bonariensis Faroldi, Darwiniana 9: 358. f. 1. 1951.

Argentina, Buenos Aires, Bahía Blanca, en la estepa cerca de Grunbein, Faroldi No. 13888, 5-XI-1940. (Typus speciei in herb. Faroldi et herb. Washington).

Melica brachyantha Hack. Bull. Soc. Bot. France 32: 396. 1885.

[not in Hackel list taken to Vienna 1922, 1929. A.C.]

Djurdjura

= Jurjura Mts. Algeria

Melica brasiliensis Ard. Animad. Spec. Alt. 2: 17. pl. 6. f. 1, 2. 1764.

Grown in Padova in 1756, from seed from Brazil. Flowered next year, but did not produce good seed.

Specimen sent to Linnaeus.

M. papilionacea L. Mant. 1: 31. 1767. based on this

M. papilionacea L. = *M. brasiliensis* Ard.

Melica breviflora Boiss. Diagn. Fl. Orient. Nov. I. 7: 124. 1846.

"Hab. in rupestribus ad fontem Doheschne Pias montis Kuh-Daena Persiae australis Kotschy No. 754."

Persia

Melica brevifolia Stapf, Kew Bull. Misc. Inf. 1910: 131. 1910.

"S. Africa. Cape Colony: Port Beaufort Division; mountain sides on Great Winterberg, 2220 m., Galpin, 5614."

Melica bromoides Boland. ex A. Gray, Proc. Amer. Acad. 8: 409. 1872.

Based on *Melica Geyeri* Bol. [1870]

"to obviate further confusion, it would be well, and perhaps not too late, for Dr. Bolander to restore to it specifically his appropriate name of *M. bromoides*."

California [Bolander 6119]

= *M. Geyeri* Munro Man. U. S.

Melica bromoides var. *Howellii* Scribn. Proc. Acad. Phila. 37: 47. 1885.

"Oregon (No. 335, 1884). Mr. Howell."

= *M. Geyeri* Munro Man. U. S.

500
F 53
L.C.

Melica bulbosa Geyer ex Port. & Coult. Syn. Fl. Colo. 149. 1874.

Porter & Coulter cite Gray, Amer. Acad. Sci. Proc. 8: 400. 1872. Gray gives no description, but cites *M. bulbosa* Geyer, Journ. Bot. Kew Misc. (Fl. Geyer) 8: 19. 1856. In this Geyer no. 11, Upper Platte is listed without description. The description by Porter & Coulter applies to this collection as represented in the Gray Herbarium.

Man. U. S. ed. 2.

Melica bulbosa Geyer ex Thurb. in S. Wats. Bot. Calif. 2: 304. 1880. Not *M. bulbosa* Geyer ex Port. & Coulter., 1874.

Santa Inez, Calif., Brewer 569.

= *M. californica* Scribn. Man. U. S.

Melica bulbosa var. *caespitosa* Cronquist, Madroño 7: 77. 1943.

"Type. Open rocky granitic slope above West side of Alturas Lake, Blaine Co., Idaho, alt. 7200ft. June 22, 1941, 2603 (No. Bot. Gard.)....Cronquist & Cronquist.

Wyoming. Teton Mountains, Uintah County, August 16, 1899, Nelson and Nelson 6540. [Spec. in U. S. Nat. Herb.]

= *Melica bulbosa* Man. U. S.

Melica bulbosa var. *inflata* (Boland.) Boyle, Madroño 8: 19. 1945.

Based on "*M. poseoides* var. *inflata* Boland."

= *Melica inflata* (Boland.) Vasey

Bolander 6121, Yosemite Valley, California Man. U.S.

Melica bulbosa var. *typica* Cronquist, Madrono 7: 77. 1943.

Nom. nov. for *M. bulbosa* Geyer ex Port. and Coult.
= *M. bulbosa* Geyer.

Upper flatter

Melica caerulea L. ex Jacks. Ind. Kew 2: 197. 1895,
error for *Aira caerulea* L. ex Liljeb. Utk. Svensk
Fl. ed. 2. 39. 1798, in Scandinavian.

"L. Fl. Sv." = Linnaeus Flora Svecica. Ed. 2.

Melica caerulea var. *minor* St. Amans, Fl. Agen.
33. 1821.

".....dans les marécages tourbeux des Landes." Agen.
France."

Melica cafferorum Schrad. Goett. Anz. Ges. Wiss.
3: 2073. 1821.

Cape of Good Hope. Hesse, Collector
So. Africa

Melica cafferorum var. *decumbens* (Thunb.) Nees Fl. Afr.
Austr. 1: 418. 1841.

Based on "*Melica decumbens* Thunb."
Bonae Spei Africae (Thunberg)

Melica cafferorum var. *elatio* Nees, Fl. Afr. Austr.
1: 418. 1841.

"Ecklon n. 803."

"ad Port Elisabeth (Gross Namaqualand), in nemoribus
Advensibus et ad flumen Zwartkopsrivier in sylvis
primaevae montis Olifantshoek ad flumen Boschesman-
rivier...(Uitenhage), Ecklon; in collibus ad Grahame-
town...(Albany), Drege."

S. W. Africa

Melica cajamaroensis Pilger, Notizbl. Bot. Gart. Berlin
8: 454. 1923.

"Ferut. Dep. Cajamarca, Prov. Hualgayoc,(Weber-
bauer n. 4138); Dep. und Prov. Cajamarca, unterhalb
San Pablo,(Weberbauer n. 3864)."

Melica californica Scribn. Proc. Acad. Nat. Sci. Phila.
1885: 46. pl. 1. f. 6. 1885.

Based on *M. poaeoides* as described by Torrey in
Pacific Railroad Report, 4: 157. 1857, the specimen
cited by Torrey, in N. Y. Bot. Gard. being named
M. californica Scribn. in Scribner's script.

Corte Madera, California, Bigelow.

Man. U. S.

Melica californica Scribn. var. *nevadensis* Boyle,
Madrono 8: 17. 1945.

"One-half mile northwest of Central Ferry, Calaveras
County, California, April 25, 1935, J. A. Rutter 163.
(V.T.M.)." = U. S. Forest Service, University of
California

Man. U. S.

Melica callosa (Turcz.) Ohwi, Bot. Mag. Tokyo 45: 195.
1931.

Based on *Avena callosa* Turcz.

Cat. Baikal No. 1295

Siberia baikalensi ad lacum Baikal

(Turcz.)

Melica calycina Raspail, Ann. Sci. Nat. I. 5: 443.
1825, nom. nud.

"Poa Linn." cited, nothing more.

There is no *Poa calycina* L.

Melica canescens (Regel) Lavrenko in Kom. Fl. U.R.S.S.
2: 344, 752. pl. 26. f. 1. 1934. (Aug. 24)

See also Lavrenko in Kevski, Acta Univ. Asiae Med.
VIIIb. Bot. 17: 10. 1934. April 13, same comb.

Based on *M. cupani* var. *canescens* Regel

"In Turkestan in angustis Basmandinsk (O. Fedt-
schenko)."

Turkestan, Asia

Melica capensis Thunb. Prodr. Fl. Cap. 21. 1794.

"Promontorio Bonae Spei Africae collegit Carol. Pet.
Thunberg."

Cape Good Hope, Africa

Melica capillaris [Soland, in] Russell, Aleppo. ed. 2.
2: 243. 1794.

Aleppo.

Syria

Melica cappadocica Boiss. Fl. Orient. 5: 589. 1884;
as syn. of *M. ciliata* var. *tomentella* Boiss.

Cappadocia, Asia Minor

Melica caricina D'Urville Mem. Soc. Linn. (Paris)
1: 263. 1822.

"In pascuis Tauriae frequens, ad littora Bosphorii
Cimmeriani."

Eur. U.S.S.R. and Turkey

Melica cepacea (R. A. Phil.) Scribn. U. S. Dept. Agr.
Div. Agrost. Circ. 30: 8. March 1901.

Based on *Festuca cepacea* R. A. Phil. 1864-65.

In Andibus prov. Colchagua. Landbeck; Philippi,
in Santiago Chile

X ? *Melica ceretana* Sennen, Bull. Soc. Bot. France
74: 407. 1927, without description; 73: 677. 1927
(Jan.) nom. nud.

"*M. Magnolia* x *glauca* = *M. ceretana* ? Sennen."

Cerdagne. "Llivia...Inter parentes."
(No. 3611. Sennen)

Spain

Melica chilensis Presl, Rel. Haenk. 1: 270. 1830.

"Hab. in Cordilleris chilensibus."

Haenke, coll.

Melica ciliata L. Sp. Fl. 66. 1753.

"In Europae collibus sterilibus saxosis."

Melica ciliata var. *aequiglumis* Papp, Bot. Jahrb.
Engler 65: 291, 293. 1932.

"Spanien: Huesca, Aragonia (Bubani s.n. 18. VI. 1857,
H. B. Typus!)"

Melica ciliata var. *aequiglumis* f. *pilosa* Papp, Bot.
Jahrb. Engler 65: 294. 1932.

Spanien: Maella, Aragonia (F. Loscos O. N. 1864, H.B.
Typus!) Torla (Bordere s.n. VII. 1874, H.B.)"

Spain

Melica ciliata f. *aspera* Papp, Acad. Rom. Memor. Sect.
Stintif. III 12(Mem. 9): (21), 207. 1937.

"Russland: Kaukasus---Schelkownikov, s.n. 28 VII
1901, H. V. Typus!)"

Melica ciliata var. *brachyantha* Hack. ex Trabut, Bull.
Soc. Bot. France series 2. 32: 396. 1885.

[not found in Hackel herbarium examined by
A. Chase in 1922 and 1927]

"Ait-Ali (Djurdjura)." Algeria

Melica ciliata var. *caespitosa* Schur, Sert. Fl. Transs.
86. 1853 (ex eod. in Oesterr. Bot. Zeitschr 9: 329.
1859)

Transilvania
Rumania

Melica ciliata var. *cretica* Papp, Jahrb. Bot. Engler
65: 302. 1932.

Cited "var. *cretica* Boiss. et Held. in Flora orient.
V. (1884) 589." In Boiss. & Heldr. 5: 589, "*M.*
cretica Boiss. & Heldr. Diagn. Ser. I, 13, p. 54."
is cited as a synonym of "*M. ciliata* var. *nebrodensis*
Cosson Fl. Alg.;" not as a var. of *M. ciliata* L.

Melica ciliata var. *cretica* f. *major* Held. ex Papp, Bot.
Jahrb. Engler 65: 303. 1932.

"Exico Heldreich, Fl. exico. Graeciae Nr. 3521.
Griechenland: Parnassus---(Heldreich nr. 63, VI-VII.
1887. H.B.); Dirphys, Euboea, ---Heldreich pl. exico.
Graec. 3521,5 VIII. 1856. H.B.---" others without no.

Melica ciliata var. *cupani* (Guss.) Fiori, Nuov. Fl.
Anal. Ital. 1: 125. 1923.

Based on *Melica cupani* Guss.
Italy

Melica ciliata var. *elata* Rouy, Bull. Soc. Bot. France
32(Ser. 2.7): 37. 1885.

"(*M. magnolia* Gren. & Godr.)"
France

Melica ciliata var. *eucliliata* Fodpřra, Květena Moravy
6: 236. 1926; Acta Soc. Sci. Nat. Moravy 2: 506.
1926. Desor. in Czechoslovakia.

Cites: "*M. ciliata* L. Oländska och Gothländska Bess
297. 1745 (e loco!)." "

"Oeland!!; Gotland a snad i na ruském Pobaltí."
Europe

Melica ciliata var. *flavescens* Schur, Enum. Fl.
Transsilv. 764. 1866.

"Auf Kalkfelsen und Mauern bei Kronstadt."
Rumania

Melica ciliata var. *flavescens* f. *violacea* Papp, Bot.
Jahrb. Engler 65: 299. 1932.

Exsicc. Baenitz, Herb. Europaeum Nr. 2863.

Frankreich: Gèdre, Pyrénées (Bordere s.n. in Baenitz,
Herb. Europ. Nr. 2863, H.B. Typus!)

Melica ciliata var. *genuina* Rouy, Bull. Soc. Bot.
France 32 (Ser. 2.7): 37. 1885.

"(*M. nebrodensis* Gren. & Godr., non Parlat)."
France

Melica ciliata ssp. *glauca* (Schultz) P. Fourn. Quatre
Flores France ed. 2.71. 1946.

Based on *Melica glauca* Schultz.
Europe

Melica ciliata *glauca* (F. Schultz) Richt. Fl. Eur.
1: 78. 1890. trinomial based on *Melica glauca*
F. Schultz.

Same comb. by Papp, Bot. Jahrb. Engler 65: 298. 1932.
France

Melica ciliata var. *Holubyana* Aschers. & Graebn. Syn.

Mittleur. Fl. 2: 345. 1900.

Also in Index under *Melica Transsilvanica* Holubyana

"So. bisher nur in Ungarn: Trencsiner comitat: Styrtek im Weingebirg auf Kalk (J. L. Holuby!)."

Hungary

Melica ciliata var. *intermedia* (M. glauca F. Schultz)

Rouy, Bull. Soc. Bot. France 32 (ser. 2. 7): 37. 1885.

"M. glauca F. Schultz (2)" cited.

2° (Je ne suis point d'accord avec M. Hackel sur l'identité des M. ciliata & genuina et M. glauca. J'ai souvent trouvé en Espagne ce dernier croissant seul ou en compagnie du M. magnolii; il est suffisamment reconnaissable par sa panicule allongée, interrompue---")

See Hackel op. cit. 127-130, and Rouy, op. cit. 130.

Melica ciliata var. *latifolia* Papp, Ann. Sci. Univ.

Jassy 18: 457. 1933.

Suede: Siklåd (A. Berlin s.n. 2 VII 1877, Herb. Berol. Typus!)

Sweden

Melica ciliata var. *laxiflora* (Boiss. & Bl.) Papp, Acad.

Rom. Memor. Sect. Stiintif. III 12 (Mem. 9): (20)

206. 1937.

Based on M. laxiflora Boiss. & Bl.

Türkei: Paphlagonien---(P. Sintenis no. 4437, 26 Mo. 6260)---Syrien, Liban (I. Bornmüller 1670)---(Hartmann 39;)---Damascus, Garbi (T. Kotschy 560, 1855)---Hermou (T. Kotschy 706.)

Melica ciliata var. *laxiflora* f. *aspera* Papp, Acad.

Rom. Memor. Sect. Stiintif. III. 12 (Mem. 9): (21),

207. 1937.

"Russland: Kaukasus---Schelkownikov, s.n. 28 VII 1901, H. V. Typus!"

Melica ciliata var. *Linnaei* Hack. ex Hal. & Braun,

Nachtr. Fl. Niederöst. 19. 1882.

Based on *Melica ciliata* Linn.

Europe

Melica ciliata ssp. *Linnaei* var. *typhina* (Bor.) Rusnot

ex Briq. Prodr. Fl. Corse 1: 120. 1910.

Based on "M. typhina Bor."

Rogliano. Corsica

Melica ciliata var. *luana* Terracciano Nuov. Giorn.

Bott. Ital. 14: 217. 1907.

"Traaciolino Niaso, Junio"

"Agri Murensis" Italy

Melica ciliata ssp. *magnoli* P. Fourn. Quatre Flores

France ed. 2. 71. 1946.

See Pantošek 1872.
" (Gren. & Godr.) Richt. 1890.

France

Melica ciliata var. *Magnolii* (Gren. & Godr.) Pantošek

in Pressburg 1872; same var. *Magnoli* (Gren. & Godr.)

Richt. Fl. Eur. 1: 78. 1890.

Based on M. magnolii Gren. & Godr.

[Montpellier. France]

Melica ciliata var. *magnolii* (Gren. & Godr.) Richt. Fl.

Eur. 1: 78. 1890.

Based on M. magnolii Gren. & Godr.

Montpellier. France

Melica ciliata var. *magnolii* f. *pilosa* Papp, Bot. Jahrb.

Engler 65: 300. 1932.

Exsicc: Kralick, Fl. de Corse Nr. 8391.

Spanien:---Huter, Porto, Rigo 769---; Torla (Bordere s.n. VI 1872. H.B.)---Italien: Judicarien, Val di Bono (Porta s.n. VI. 1891, H.B. Typus!---Frankreich---Corsica---

Melica ciliata var. *micrantha* (Boiss. & Heldr.) Boiss.

Fl. Orient. 5: 589. 1884.

Based on M. micrantha (Boiss. & Heldr.) Boiss. & Hack. in Fl. Kotsch. Pers. bor. 1846. Kotsch. Pers. bor. 1846---Kotsch. no. 435. cited.

Persia

Melica ciliata var. *major* Ball, Journ. Linn. Soc.

16: 722. 1878.

"M. magnolii Gren. et Godr." cited.
Fl. Fr. 3: 550.

France

Gren. & Godr. cite: "Gramen montanum avenaceum... Magnol. Bot. monepeliense 122." date 1676 or 1686, Pritzel

Melica ciliata ssp. *nebrodensis* Douin in Bonn. Fl.

Compl. 12: 34. 1927-32.

Based on "M. nebrodensis Auct. (non Parlat.)"

[Parlatore is author of M. nebrodensis]

Europe

Melica ciliata ssp. *nebrodensis* (Parl.) P. Fourn.

Quatre Flores France ed. 2. 71. 1946.

Based on *Melica nebrodensis* Parl.

Sicily

Melica ciliata var. *nebrodensis* (Parl.) Coss. & Dur.

Expl. Sci. Alger. 2: 133. 1855.*

Same, same basis, Coss. & Dur. Fl. Envir. Paris, ed. 2: 818. 1861.

Based on *Melica nebrodensis* Parl.

Sicily

See our date cards

Acc. to Stearn sheets 16-20 (i.e. pp. 121-241) Vol. 2 betw. Apr. 1855 and Oct. 1855.

*Error by Stearn--should be 16-30.

Melica ciliata var. *nebrodensis* (Parl.) Celak. Sitz-

ungsber, Böhm. Ges. Wiss. 59. 1884.

"Guss. sp." [Melica nebrodensis Parl. Parl. cites M. cupani Guss. pro parte]

Sicily

Melica ciliata var. *nebrodensis* f. *glauca* (F. Schultz)

Papp, Bot. Jahrb. Engler 65: 298. 1932.

Based on M. glauca F. Schultz

France

Melica ciliata var. *nebrodensis* f. *pillata* Papp, Ann.

So. Univ. Jassy 18: 457. 1933.

Russland: Kaukasus, Daghestan, Derbent (A. Becker s.n. 1879, H. V.)

Melica ciliata var. *nebrodensis* subvar. *planifolia*

Coss. & Dur. Expl. Sci. Alger. 2: 133. 1855.*

"Hab. In rupestribus montis Min-Telazit! prope Blidah circiter ad 1700 metra."

Algeria, Africa

See Stearn under our Date cards -- Sheets 16-20* (i.e. pp. 121-241) Vol. 2. betw. Apr. 1855 and Oct. 1855.

*err. by Stearn should be 16-30.

Melica ciliata var. *pallida* Lindem. Fl. Chers.

2: 290. 1882.

"M. taurica C. Koch; M. nebrodensis Parlat.; M. ciliata var. nebrodensis Coss. & Germ.; M. glauca Schultz." cited as synonyms.

[Fl. Chersonensis]

Kherson, Russia
[N. Black Sea]

Melica ciliata var. *parlatorei* (Aschers. & Graeb.) Papp,

Bot. Jahrb. Engler 65: 301. f. 137. 1932.

Based on *Melica nebrodensis* Parl. var. *parlatorei* Aschers. & Graebn.

Italien: Sicilia, Palermo (Parlatore, non valid!)"

Melica ciliata var. *persica* Kuntze, Act. Hort. Petrop.

10: 253. 1887.

Based on *Melica persica* Kunth

Persia

Melica ciliata var. *persica* f. *scabrida* Kuntze, Act.

Hort. Petrop. 10: 253. 1887.

Turkmenien

Rossica - orientalis

Melica ciliata var. *phonolithica* Podpéra, Verh. Zool.

Bot. Ges. Wien 54: 316. 1904.

"Phonolithfelsen am Gipfel des Böse in Nordböhmen."

Czechoslovakia

Melica ciliata var. *Schultzii* Papp, Bot. Jahrb. Engler

65: 291, 301. 1932.

"Deutschland: Pfalz, Deidesheim (Fr. Schultz s.n. 30. VI. 1863, H. B. Typus!)."

Germany

Melica ciliata var. *taurica* (Koch) Hack. ex Papp, Bot.

Jahr. Engler 65: 303. 1932.

"Hack. in Herb. Berlin."

Based on M. taurica Koch, Linnaea 21: 395. 1846.

Crimea, U.S.S.R. "Süd-küste der Krim" Koch, 1848.

Melica ciliata var. *tomentella* Boiss. Fl. Orient.

5: 589. 1884.

"Hab. in monte Bulghasdagh Phrygiae 3300' (Bal. 839!) ...collibus Armeniae supra Baibut (Bourg!)."

Asia Minor

Melica ciliata var. *transsilvanica* Hack. ex Halas. &

Braun, Nachtr. Fl. Nieder-Oesterr. 19. 1882.

Based on "Schur sert. n. 3141."

Same comb. P. Fourn. Quatre Flores France 71. 1946.

[Rumania]

Melica ciliata ssp. *transsilvanica* f. *inaequalis* Hack.

in Kneuck. Allg. Bot. Zeitschr. 7: 72. 1901.

Kneuck. Gram. Exs. no. 128. Wien.

Rumania

Melica ciliata var. *trebingensis* (Strobl) Aschers. &

Graeb. Syn. Mittleur. Fl. 2: 346. 1900.

"Hercegovina: Trebinje (Pantošek)."

Based on M. trebingensis Strobl.

Montenegro

Melica ciliata var. *typica* f. *trebinjensis* Beck, Wiss.
Hitt. Bosn. Herzeg. 9: 442. 1904.

"Strobl. Fl. Nebrod. in 'Flora' (1879), 185, SA. 114,
als Art].

Trebinje, Montenegro

Melica ciliata var. *varia* Griseb. in Ledeb. Fl. Ross.
4: 397. 1853.

"Hab. in Tauria! (Led.)."

Russia, Eur.

Melica ciliata subv. *villiculmis* Bornm. Bot. Jahrb.
Engler 61. (Beibl. 140): 166. 1928.

"Üsküb: Am Vodno... (V. 17; B. 2289); im Tal der Tres-
ka bei Sisevo... (VI. 17; B. 2152). Ochrida-See: Bei
Ochrida... (VII. 17; B. 2156)"

[Macedonia]

Melica ciliata var. *violacea* Papp, Bot. Jahrb. Engler
65: 299. 1932.

"Orisohenland: Parnassus (J. Guicciardi s.n. 31. VIII
1855, H.B.)---Rumänien: Deva, Colina Cetătei (M.
Băcescu s.n. 17. VII 1929, H. J. Typus!)
Südslavien---Montenegro---"

Melica ciliata var. *vulgaris* Coss. & Dur. Expl. Sci.
Alger. 2: 132. 1855.

Same comb. same basis--Coss. & Dur. Fl. Envir. Paris
ed. 2: 818. 1861.

"in Algeria interiore rarius obvia, ex. gr.: Alger!
(Jamin pl. Alger. exsicc. n. 108)... Mideah (Monard).
Milianah (Mialhes). Arzew (Bravais). Mostaganem!
Oran! Mascara! In montium Aurasiurum! regione
calida. Tiaret (Delestre)."

Date acc. to Stearn. See our Date cards. Says sheets
16-20 [should be 10] (1.e. pp. 121-241) forming
pt. 2, between Apr. 1855 and Oct. 1855.

Melica cimicina (L.) Salisb. Prodr. Stirp. 20. 1796.

Based on "*Milium cimicinum* Linn."

"*Coridothloa cimicina* (L.) Nees ex Jacks. Ind. Kew
1: 618. 1893, as syn. *Panicum cimicinum* Hetz.; valid
transfer, Chase, Proc. Biol. Soc. Wash. 24: 129. 1911.

Malabar (Koenig 55) India

Melica coerules Auct. ex Jacks. Ind. Kew 2: 197. 1895.

Name only, nothing cited.

Melica colorata Dulac, Fl. Haut. Pyr. 80. 1867.

"*M. nebrodensis* Parl." cited as syn.

"Lieux stériles: Lourdes; Pierrefitte; St. Sauveur,
Luz (G., G.)."

France

Melica oolpodioides Nees, Ann. Nat. Hist. 1: 283. 1838.
(June)

[Steud. Syn. Fl. Glum. 1: 291. 1854. "Nees mpt."
"Hrbr. Lindl. nr. 49 et 42. California"]

"California, Douglas."

= *M. imperfecta* Trin. Man. U. S.

Melica commersoni Nees ex Steud. Syn. Fl. Glum.
1: 290. 1854.

"Ex Hrbo. Lindley. Chili?"

[of. *M. filiculmis* Desv. in Herb.]

Melica commutata Steud. Syn. Fl. Glum. 1: 290. 1854.

"*M. violacea* Bert. hrbr. nr. 1140".... "Chili" cited

Melica cordobensis Hack. ex Stuck. Anal. Mus. Nac.
Buenos Aires 13: 507. 1906.

Stuckert herb. arg. 545. a. b. c.

San Vicente prope Córdoba Argentine

Melica cretica Boiss. & Heldr. Diagn. Fl. Orient. Nov.
2: (fasc. 13.) 54. 1853.*

"in pl. Cret exs. 1847."

"Hab. in saxosis caecuminis Hagios Theodoros montium
Sphacioticorum alt. circ. 7000' rara (Heldreich), in
regione superiori Libani supra Cedros (Boiss.)."

Crete and Syria

* t.p. date 1853.
cover date 1854.

Melica cristata L. ex Trin. Fund. Agrost. 163. 1820.

"(Beauv. T. XIV. f. 4. 5)" "*cristata* L. etc."

There is no *Melica cristata* L. probably error for
M. ciliata L.

In Beauv. Ess. Agrost. pl. 14. f. 4 is "*Melica nutans*
f. 5 is "*papilio-*
nacea."

Melica cupani Cuss. Suppl. Fl. Sic. Prodr. 1: 17. 1832.

"*M. Bauhini*, pr. [Prodr.] 1. [p. 66] exclus. synon-
praeter *Cupani*." cited.
(except)

Europe

Melica cupani var. *breviflora* Parl. Fl. Ital. 1: 301.
1848.

"communicata dall' amico Tineo... nel monte Busambra in
Sicilia."

Sicily

Melica cupani var. *breviflora* Boiss. Fl. Orient.

5: 590. 1884. Not Parl. 1848.

"Hab. in montibus Sohahu, Dalechani, Kellal et Kuh
Nur Kurdistaniae Persiae et Persiae australis...
(Haussk!)...."

Persia

Melica cupani var. *canescens* Regel, Acta Hort. Petrop.
7: 628. 1881.

"In Turkestan in angustis Basmandinsk
(O. Fedtschenko)."

Turkestan

Melica cupani var. *darwasica* Roshev. ex Fedtsch. Bull.
Jard. Bot. Pierre Grand 14 (Suppl. 2): 73. 1915,
nom. nud.

U.S.S.R.

Melica cupani var. *eligulata* (Boiss.) Boiss. Fl.
Orient. 5: 591. 1884.

Based on "*M. eligulata* Boiss."

Persia boreali (Kotschy 718)

Melica cupani var. *Hohenackeri* (Boiss.) Regel, Acta
Hort. Petrop. 7: 628. 1881.

[also Boiss. Fl. Orient. 5: 590. 1884]

Based on *M. Hohenackeri* Boiss.

Russia, Europe
districtu Talisch prov. transcaucasiorum
(Hochstetter)

Melica cupani var. *humilis* (Boiss.) Papp, Bot. Jahrb.
Engler 65: 288. 1932.

Based on *M. humilis* Boiss.

Sierra de Gador. Spain

Melica cupani var. *inaequiglumis* (Boiss.) Regel, Acta
Hort. Petrop. 7: 628. 1881.

[Also Boiss. Fl. Orient. 5: 590. 1884.]

Based on "*M. inaequiglumis* Boiss."

prope urbem Schiraz (Kotschy no. 315)

[Persia, Asia]

Melica cupani var. *lanata* Nees ex Papp, Acad. Rom.

Memor. Sect. Stiintif. III. 12 (Mem. 9): (24), 210.

f. 20, 21. 1937.

M. ciliata var. *lanata* Nees in Herb. Berol.
[unpublished] cited.

Indien: Nepalien, Himalaja, Kunavur (ex. Herb. Boy-
lean No. 378, vid Nees H. B.) [Berlin Herb.]

Melica cupani var. *malacitana* Lojac. Natural. Sicil.
1: 13. 1882.

"*M. nebrodensis* Huter F. et Rigo Fl. exsicc. ex Hisp.
Ann. 1879 n. 765 (non Parl!) Sierra Prieta
supra superf. Mari in Regno Granatense Prov. malacit."

Prov. Malacit

[Spain]

Melica cupani var. *malacitana* Lojac. Fl. Sicul.
3: 318. 1909.

"Lojac. Nat. sic. a. 1885. *M. cup.* var. *breviflora*
Tin. Parl. l.o. [fl. pal. t. p. 120; 300.]

Sicily

Melica cupani var. *malacitana* f. *violacea* Papp, Acad.
Rom. Mem. Sect. Stiintif. Ser. III. 12: 209. f. 119.
1937.

Palestina: Thabor Geb. (Coll. Bossier s.n. H. S.
Typus!)

Melica cupani var. *minor* Ball, Journ. Linn. Soc. Bot.
16: 723. 1878.

"*M. humilis* (Boiss. Voy. Esp. 662, tab. 177)." cited.

Spain

Melica cupani var. *pannosa* (Boiss.) Boiss. Fl. Orient.
5: 591. 1884.

Based on "*M. pannosa* Boiss."

Anti Libani ad Souk Wadi Barrada

Syria

Melica cupani var. *turkestanica* Regel, Acta Hort. Petrop.
7: 627. 1881.

[Turkestan]

Melica cupani var. *vestita* Regel, Acta Hort. Petrop.
7: 628. 1881.

Based on "*M. vestita* Boiss."

"Hab. in monte Gara Kurdistaniae (Ky. 368!) Persia
australi in montibus Sawers et kuh mur... (Haussk!)
Kuh Delu (Ky. 494!) Affghanica (Griff!), Belutsohia
(Stocks!)"

Kuh Delu (Ky. 494) [Kotschy]

Persia

Melica cupani f. *violacea* Papp, Acad. Rom. Memor. Sect. Stiintif. III. 12. (Mem. 9): (23) 209. 1937.

Palestina: Thabor Geb. (Coll. Boissier s.n. H.S. Typus!)"

Melica cupani var. *viridis* Boiss. Fl. Orient. 5: 590. 1884.

"Hab. in Antilibani monte Garhi 4500' (Ky. 560!)." Syria

Melica curtispindula "Mich." ex Beauv. Ess. Agrost. 98. 1812, name only, evidently error for *Chloris curtispindula* Michx.; Steud. Nom. Bot. 1: 91, 519. 1821, as syn. of *Atheropogon apludoides* Muhl.

= *Chloris curtispindula* Man. U. S. Illinois ad Wabash [Wabash]

Melica cynosuroides Herb. L. ex Munro, Journ. Linn. Soc. Bot. 6: 42. 1862, as syn. of *Enteropogon meliocoides* Nees [*Ischaemum meliocoides* König]

Ind. Or.

Melica cyrenaica Viv. Fl. Lib. Spec. 4. pl. 25. f. 1. 1824.

"H. in montibus Cyrenais." Cyrene - Libia, Africa

Melica debilis Bergeret, Fl. Bass.-Fyr. Nouv. ed. 150. 1909.

"dans les haies des environs de Morlaas" France

Melica decumbens (L.) Web. Spic. Fl. Gott. 3. 1778.

Based on *Festuca decumbens* L.
= *Sieglingia decumbens* (L.) Bernh.
Europe

Melica decumbens Thunb. Prodr. Fl. Cap. 21. 1794.

Not Web. 1778, which is *Sieglingia*

Hab. Bonae Spei Africae....collegit Carol. Pet. Thunberg.

= *Melica cafferorum* Schrad. var. *decumbens* (Thunb.) Nees.
Cape Good Hope

Melica decumbens Papp, Repert. Sp. Nov. Fedde 25: 139. pl. 7. 1928. Not Web. 1778.

"M. laxiflora forma macrior Hack." cited.

"Argentina: Lara, Prov. Tucuman (Lillo in herb. Stueckert no. 11180, 13. II. 1912, H. G. [Herb. Genfer]." = Geneva

Melica decumbens var. *racemosa* (Thunb.) Kuntze, Rev. Gen. Fl. 3: 356. 1898.

Based on *M. racemosa* Thunb.

"M. decumbens Thunb. 1794" cited; this = *Sieglingia decumbens* (L.) Bernh.

Cape Good Hope - (Thunberg)
S. Africa

Melica dendroides Lehm. Nov. Stirp. Pugill. 3: 39. [1831]

"Habitat in Promontorio Bonae Spei, in terrae tractu, qui vocatur Beaufort. (v.s.)."

Cape Good Hope

Melica dendroides var. *speciosa* Nees, Fl. Afr. Austr. 1: 420. 1841.

"in saxosis montis Stormberg...(Drège)."

Cape Colony - Africa

Melica diandra Roxb. ex J. E. Smith in Rees's Cycl. 23: *Melica* 17. Dec. 1812.

[Roxb. ex Hort. Beng. 8: Fl. Ind. 1: 329. 1820.
"Poa malabarica Linn. Sp. Fl. ed. Willd. I. 394."
"A native of mountains on the Coromandel coast." cited
1812 ref. gives: "Calcutta."

India

Melica diffusa Pursh, Fl. Amer. Sept. 1: 77. 1814.

"In sandy swamps: Virginia and Carolina."

= *Melica mutica* Walt. Man. U. S.

Melica diffusa var. *nitens* Scribn. (Nutt.) ex Piper, Proc. Acad. Phila. 1885: 44. 1885.

Arkansas, Nuttall. [The type in the Academy of Natural Sciences, Philadelphia, is labeled *M. nitens* Nutt.]

= *M. nitens* (Scribn.) Nutt. ex Piper Man. U. S.

Given as Vol. 37 in Gray cards
L.C. card says: Vols. 1857-1900 are unnumbered.

Melica digitata Roxb. Hort. Beng 82. 1814, nom. nud.; Fl. Ind. ed. Carey 1: 328. 1820.

"a native of hedges, thickets &c." India

Melica divaricata Meig. & Wenig, Syst. Verz. Rheins 16. 1819.

= *Molinia caerulea*

Germany

Melica duthiasana Hack. ex Papp, Acad. Rom. Memor. Sect. Stiintif. III. 12 (Mem. 9): (51) 237. 1937.

as syn. of *Melica scaberrima* (Nees) Hook. in herb. Vindob.

"Flora Brit. Indien 22: 330.

"Steud. Syn. (1855): 316; Duthie, Grass. W. U. Ind. 41.

India

Melica effusa (L.) Salisb. Prodr. Stirp. 20. 1796.

Based on "*Milium effusum* Linn."

" " " "

Europe

Melica eligulata Boiss. Diagn. Fl. Orient. Nov. I. 2: (fasc. 13) 56. 1854.

"Hab. in Persia boreali loco non indicato (Kotschy no. 718)."

*1853 t.p. date
1854 on blue cover

Melica eligulata f. *laevis* Papp, Acad. Rom. Memor. Sect. Stiintif. III. 12 (Mem. 9): (43) 229. 1937.

Persien: Sultanabad, zwischen Gindu und Nesmeleu (T. Strauss s.n. 2 VI 1889. H.H. Typus. fig. 47 [spikelet])

Melica exaltata R. A. Phil. Anal. Univ. Chile 48: 571. 1873.

"Esta grama es comun en la hacienda de Catapilco, provincia de Atacama."

Chile

Melica exasperata Roem. & Schult. Syst. Veg. 2: 530. 1817.

No loc. cited [seed from Thouin] Cult.

Melica expansa Steud. in Lechl. Berb. Amer. Austr. 56. 1857, nom. nud.

Lechler 1734. Peru

Melica falx L.f. Suppl. Fl. 109. 1781.

"Habitat ad Cap. bonae spei. D. Sparrmann."

Africa

Basis of *Chloris falcata* Sw.

= *Harpechloa falx* (L.) Kuntze

Melica festucoides Licht. ex Roem. & Schult. Syst. Veg. 2: 530. 1817.

"Hab. in terra Coronarum prom. b. spei."

Cape Good Hope

S. Africa

Melica festucoides Willd. ex Steud. Nom. Bot. ed. 2. 2: 119. 1841, nom. nud. Not Roem. & Schult. 1817

S. Africa

Melica filiculmis E. Desv. in C. Gay, Fl. Chil. 6: 378. 1853.

"Chile (Gay)."

Melica fischeri (R. Br.) Spreng. Syst. Veg. Cur. Post. 4: 32. 1827.

Based on *Dupontia fischeri* R. Br.

= *Graphephorum fischeri*

Fisher Herb. [Arotio Amer.]

Melica flava Nees ex Steud. Syn. Fl. Glum. 1: 290. 1854.

"Cuming legit prope Valparaiso, Chili." cited

Melica flava var. *violacea* Papp, Repert. Sp. Nov. Fedde 25: 117. 1928.

"Chile: (Bertero no. 617, Typus!)"

Melica flavescens (Schur) Simonkai, Enum. Fl. Transilv. 577. 1886.

Based on *M. ciliata* var. *flavescens* Schur

Kronstadt. Rumania

Melica fluitans (L.) Raspail, Ann. Sci. Nat. 5: 443. 1825.

Based on *Glyceria fluitans* R. Br.

= *Glyceria fluitans*

Europe

Melica frutescens Scribn. Proc. Acad. Phila. 1885: 45.

pl. 1. f. 15-16. 1885.

"Hab. -California: Southern California.

Parry and Lemmon, No. 401 [type] 1876; Mountains San Diego Co., C. G. Fringlie April 20, 1882; Lower California, near the United States border, C. R. Orcutt, No. 513, May, 1883; near the Tia Juana, M. E. Jones, No. 3748, April 6, 1882."

Man. U. S.

Given as vol. 37 in Gray cards
L.C. card says: Vols. 1857-1900 are unnumbered

Melica fugax Boland. Proc. Calif. Acad. 4: 104. 1870.

"dry, sandy soil among 'sage brush' ...near Donner Lake; also, on dry hillsides on the road to Lake Tahoe. June, 1869."

[Boland & Kellogg, Collectors]

Man. U. S.

Calif.

Melica fugax var. *inexpansa* Suksdorf, Werdenda

1: 1. 1923.

"Im lichten Wald. im Falkental (Falcon Valley), Nr. 6989." [Suksdorf]

Washington

= *M. fugax* Boland

Man. U. S.

Melica fugax var. *Macbridei* (Rowland) Beetle, Leaf1.

West. Bot. 4: 286. 1946.

Based on *M. Macbridei* Rowland in Nelson

[948 Macbride, 1911 collection of Idaho plants]

= *M. fugax*

Man. U. S.

Melica fugax ssp. *madophylla* Piper, Contr. U. S. Nat.

Herb. 11: 128. 1906.

Washington: Falcon Valley, Suksdorf 61 (type)

= *Melica fugax*

Man. U. S.

Melica geniculata Thunb. Prodr. Fl. Cap. 21. 1794.

"Promontorio Bonae Spei Africes...collegit Carol. Pet. Thunberg."

= *Ehrharta undulata* var. fide Nees, Agrost. Cap. 210.

Cape Good Hope Africa

Melica geyeri Munro ex Boland, Proc. Calif. Acad.

4: 103. 1870.

"[Ukiah], Calif., Bolander 7, the specimen examined by Munro (in U. S. Nat. Herb.). The same collection later distributed as 6119." Copied from Man.

Man. U. S.

Melica geyeri Munro misappl. by Thurb. in Wilkes, U. S.

Expl. Exped. Bot. 17: 492. 1874.

"Hab. Cascade Mountains, Oregon."

= *fugax* Boland

Man. U. S.

See *M. geyeri* Munro in Boland. 1870

Valid Man. U. S.

Melica Geyeri var. *aristulata* J. T. Howell, Leaf1. West.

Bot. 4: 245. 1946.

"Type: Herb. Calif. Sci. No. 324945, collected in Black Canyon, San Rafael Hills, Marin County, California, Apr. 11, 1943, J. T. Howell No. 17906. Dupl. in U. S. Nat. Herb."

Man. U. S.

Melica gigantea Thunb. Prodr. Fl. Cap. 21. 1794.

"Promontorio Bonae Spei Africes...collegit Carol. Pet. Thunberg."

Cape Good Hope

= *Ehrharta gigantea* Swartz

Melica glabra Michx. Fl. Bor. Amer. 1: 62. 1803.

[Michx.; Pursh 1814 = same acc. to A.S.H.]

"Moris., hist. 3. 5. 8. t. 7. f. 51." cited.

"Hab. a Virginia ad Floridam"

Virginia to Florida, Michaux

= *M. mutica* Walt.

Man. U. S.

Melica glabra Steud. Nom. Bot. ed. 2: 119. 1841; Syn.

Fl. Glum. 1: 290. 1854. Not Michx. 1803.

"Hrbr. Bert[ero] nr. 423. 74 Chili."

Melica glauca F. Schultz, Flora 45: 462. 1862.

Based on "*M. nebrodensis* Godron Fl. de Fr. 3, p. 551, fl. de Lorr. ed. 2, tom. 2, p. 429, non Parlatores

[France]

= *M. ciliata*

Melica glauca var. *scariosa* Senn. Bull. Soc. Bot.

France 73: 677. 1927, nom. nud.

"Hab. Estavar, coteaux, 1.280 m." (No. 4815 Sennen)

Spain

Melica glaucescens Steud. Syn. Fl. Glum. 1: 289. 1854.

"Hrbr. un. it. nr. 275 in paucis speciminibus lecta in Arabia petraea."

Melica gmelini Roth, Tent. Fl. Germ. 2: 104. 1789.

"Aira. Gmel. Tubing, p. 20." cited.

"Ita describit Celeb. Gmelinus plantam in monte anatolico observatam."

Probably a garden plant from Anatolia grown in hort. Tubingen, Germany.

Anatolia, Asia Minor

Melica Gmelini Turcz. ex Trin. Mém. Acad. St. Pétersb.

VI. Math. Phys. Nat. 1: 368. 1830. Not Roth 1789.

Based on "*Melica flosculis inferioribus*...[etc.] Gmel. Sib. 1. p. 99. no. 31. Tab. 19. f. 1."

Melica Turczaninowiana Ohwi based on this.

Siberia, Asia

Melica gracilis Aitch. & Hemsl. Journ. Linn. Soc. Bot.

19: 192. 1882.

"Kuram district, in the Shend-toi gorge."

Afghanistan

Melica grandiflora Koidz. Bot. Mag. Tokyo 39: 17. 1925.

Melica nutans var. *grandiflora* Haekel, in Schedl. Herb. Faurie as syn.

"Hab. Japonia: prov. Bikuichi, mt. Hayashinesan (leg. U. Faurie! no. 6400. June 6, 1905); prov. Shinano, mt. Asamayama, haruisawa; prov. Yetsizen, oppidum Tsuruga (leg. U. Faurie! no. 2222. (Mio 1907)!"

Melica guruguensis Senn. Bull. Soc. Bot. France 78: 192.

1931, nom. nud.; Senn. & Maurio. Cat. Fl. Rif. Or.

131. [1933], nom. nud. "an *M. minuta* var. *Saxatilis* Coss.---Gurugu."

Morocco

Melica hallii Vasey, Bot. Gaz. 6: 296. 1881.

"No. 621 of Hall and Harbour's Colorado collection."

= *Festuca scabrella* Torr.

Man. U. S.

Melica harfordii Boland. Proc. Calif. Acad. Sci.

4: 102. 1870.

"Wooded hill-sides, Santa Cruz road, near Lexington, June 1865"...first cited. Bolander 53 California

Man. U. S.

Melica harfordii var. *minor* Vasey, Bull. Torrey Club

15: 48. 1888.

Siskiyou Mountains, Oreg., Howell in 1887.

= *M. harfordii* Boland.

Man. U. S.

Melica harfordii tenuior Piper, Contr. U. S. Nat. Herb.

11: 127. 1906. trinomial

Based on *Melica harfordii* var. *minor* Vasey 1888, not *M. minor* Hack. 1881.

Oreg. Siskiyou Mts. Howell, Boland. in 1887.

= *M. harfordii*

Man. U. S.

Melica Harfordii var. *tenuis* Suksdorf, Werdenda

1: 17. 1927.

"Im lichten Wald auf trockenen Geröll an steilen abhängen bei Bingen, 4. Juni 1926, nr. 12018." Suksdorf

Washington

= *M. harfordii*

Man. U. S.

Melica harfordii var. *viridifolia* Suksdorf, Werdenda

1: 17. 1927.

"An langen, hohen Eisenbahndamm östlich von Vila, etwa 8 km. östlich von Bingen, 20 und 29. Mai 1924, 20. Mai 1926, Nr. 11686; ebenfalls an einem Bahndamm östlich von Cocks, etwa 14 km. westlich von Bingen, 24. Juli 1924, Nr. 11777." Suksdorf, coll.

= *M. harfordii*

Man. U. S.

Washington

Melica hirsuta Koel. Desor. Gram. 144. 1802.

"*Melica gmelini* Roth" cited.

"Hab. prope Tubing, in monte anatolico."

hort. Tubing, Germany
Anatolia, Asia Minor

Melica hirta R. A. Phil. Linnaea 33: 292. 1864-65.

"Prope 'Iltanet' specimina, quae jam defloruerant, invenit orn. Landbeck."

Chile

Melica hohensackeri Boiss. Diagn. Fl. Orient. Nov. I.

23: 54. 1854.

"Hab. in districtu Talusoh prov. transcaucasiorum (Hochstetter)."

Russia

*1853 t.p. date
1854 on blue cover

Melica humilis Boiss. Voy. Bot. Esp. 2: 662. pl. 177. 1839-45.

"In rupibus regionis alpinae, Sierra de Gador."

[Spain]

Melica hyalina Doell in Mart. Fl. Bras. 23: 127. 1878.

"Habitat in insula S. Catharinae (Frid. Müller)."

Brazil

Melica hyalina var. *truncata* Papp, Repert. Sp. Nov.
Fedde 25: 125. 1928.

"Brasilian: Serra de Oratorio, Prov. Santa Catharina
(Ule no. 1613, II. 1890, Typus!)"

Melica imperfecta Trin. Mém. Acad. St. Pétersb. VI. Sci.
Nat. 2^o: 59. 1836.

"V. spp. Californ.".

California Man. U. S.

Melica imperfecta var. *flexuosa* Boland. Proc. Calif.
Acad. 4: 101. 1870.

"on rocks on the road from Mariposa to Clark's, at
about 3,500 feet alt., June 1866." [Boland, Coll.]

[Yosemite Valley region]

Valid Man. U. S.

Melica imperfecta var. *minor* Scribn. Proc. Acad. Nat.
Sci. Phila. 1885: 42. 1885*

"Hab.---San Bernardino Mts., Karish Bro., No. 856,
May, 1882."

California

*Given as Vol. 37 in Gray cards
IC card says: Vols. 1857-1900 are unnumbered.

Man. U. S.

Melica imperfecta var. *pubens* Scribn. U. S. Dept. Agr.
Div. Agrost. Circ. 30: 8. 1901.

Type specimen collected by T. S. Brandegee No. 64,
Santa Cruz Island, California 1888.

= *M. imperfecta* Man. U. S.

Melica imperfecta var. *refracta* Thurb. in S. Wats.,
Bot. Calif. 2: 303. 1880.

California

Type in Herb. Gray, Lemmon [1471] near San Bernardino.

Man. U. S.

Melica imperfecta var. *sesquiflora* Torr. ex Scribn.
Proc. Acad. Phila. 1885: 43. 1885, as syn. of *M.*
torreyana Scribn. herb. name for Bigelow, Cal. in
1853-4.

= *M. torreyana* Scribn. Man. U. S.

Melica imperforata Nees, in Hook. and Arn. Bot. Beechey
Voy. 403. 1840.
(Jacks., Ind. Kew. 198. 1894)

Note in Hitchc., Man.: [under *M. imperfecta*] "The
name is erroneously given as *Melica imperforata* Nees
in Hook. and Arn., Bot. Beechey Voy. 403. 1840. This
is the species described and figured by Vasey (U. S.
Dept. Agr., Div. Bot. Bull. 13(2): pl. 84. 1893) as
Poa thurberiana Vasey, but the name is based on
Panicularia thurberiana Kuntze."

= *Poa nevadensis* Vasey Man. U. S.

Melica inaequiglumis Boiss. Diagn. Pl. Orient. Nov. I.
1(fasc.7): 124. 1846.

"Hab. ad saxa prope urbem Schiraz, Kotschy No. 315."

Persia

Melica inaequiglumis f. *Armena* (Kotschy et Boiss.)

Bornm. in Papp, Acad. Rom. Memor. Sect. Stiintif.
XII. 12 (Mem. 9): (38) 224. 1937.

above name cited "Bornm. in Herb. Haussknecht. M.
Armena Kotschy et Boiss. Pl. or V. 590; *M. trachyantha*
Boiss. Diagn (1846) 125.

"T. Kotschy: Iter cilicico-kurdicum, 1859, no. 338."
"Ich betrachte *M. trachyantha* Boiss. als Synonym
nach Untersuchung des typus (Kotschy No. 895,
ex H. V.)"

Türkei: Armenien---Kotschy no. 338---H.S. H.H. H.V.
Persien:---Strauss s.n. VII. 1898 (H.H.) H.V.;---
Kotschy 895 VI, 1842. H.V.)

Melica inaequiglumis f. *supratomentosa* Bornm. in Papp,
Acad. Rom. Memor. Sect. Stiintif. III. 12 (Mem.9):
(38) 224. 1937.

f. *supratomentosa* Bornm. in Herb. Haussknecht.
Exsicc. I. Bornmüller: Iter Persico-alyperum 1902.
no. 8374.

Türkei: Taurus Geb.---(C. Haussknecht s.n. 15 VII
1865 (H.H.); (H.V.);---Syrien---Kotschy 734 in 1855
H.V.)---Persia---Hand-Mazz. 2854 H.V.; Kuh-i-Dumie
(T. Strauss s.n. VII. 1908, H.H. Typus!); (H.V. Typus!)
---Russland---Arabien: St. Catharina (W. Schimper
275, 1835, H.V.)"

Melica inaequiglumis var. *Teherani* Papp, Acad. Rom.
Memor. Sect. Stiintif. III. 12(Mem. 9): (39) 225.
1937.

"Persien: Derbent, neben Teheran (T. Kotschy s.n.
1843, H. V. [Herb. Wien] Typus!)"

Melica inaequiglumis var. *teherani* f. *densiflora* Papp,
Acad. Rom. Memor. Sect. Stiintif. III. 12(Mem. 9):
(39) 225. 1937.

Persia, Derbent, Kotschy

Melica inaequiglumis var. *teheran* f. *kermanica*
(Gandog.) Papp, Acad. Rom. Memor. Sect. Stiintif. III
12 (Mem. 9): (39) 225. 1937.

Based on *M. kermanica* Gandog.

Bornmüller 4862. Persia.

Kerman.

Melica inaequiglumis var. *teherani* f. *scaberrima* Papp,
Acad. Rom. Memor. Sect. Stiintif. III. 12(Mem.9):
(39)225. 1937.

Persia, Derbent, Kotschy

Melica inaequiglumis f. *violacea* Papp, Acad. Rom.
Memor. Sect. Stiintif III. 12 (Mem. 9): (38) 224.
1937.

Exsicc.: 1. Bornmüller: Iter Persico-turcicum 1892.
no. 4863.

Syrien: Liban, Bhandoun (A. Bertschinger s.n. 21. V.
1934, H.S. Typus!) Persien: Prov. Kerman, Kuh-Seidin,
---(I. Bornmüller no. 4863, --1892, H. H.); (H.V.);
Nehewen., Kuh-Ginaw (T. Strauss s.n. VII 1902, H.H.)

Melica inflata Vasey, Contr. U. S. Nat. Herb.
1: 269. 1893.

"Very nearly the description under *M. psaeoides* var.
inflata [Bol.] Proc. Cal. Acad. IV. 101. 1869--
no. 6121."

[Collected by Bolander] in the Yosemite Valley in
1856....a few collected by Mr. J. G. Lemmon in 1889,
near Mount Shasta, in northern California.

Melica interrupta Reichb.? ex Schur, Oesterr. Bot.
Zeitschr. 9: 329. 1859, as syn. of *M. altissima*
var. *transsilvanica* Schur.

Melica jacquemontii Decaisne, Jacquem. Voy. Bot.

4: 174. pl. 175. 1844.

"kanum" 1'Inde

[J. Cambessides. 183 p. is given as author of Vol. 4
by Pritzell]

India

Melica jacquemontii var. *albena* Munro in Aitch. Journ.
Linn. Soc. Bot. 18: 108. 1880, nom. nud.

"At the roots of bushes near Shalízan; May."

Afghanistan. Aitchison 321.

Melica jacquemontii f. *hirsuta* Papp, Acad. Rom. Memor.
Sect. Stiintif. III. 12 (Mem. 9): (28) 214. 1937.

"Persien: Kuh-Sagur, 6000-7200 m.s.m. (C. Haussknecht
s.n. 1868, H.H. Typus!)"

Melica jacquemontii var. *purpurea* Munro in Aitch. Journ.
Linn. Soc. Bot. 18: 109. 1880, nom. nud.

"Péwárkotal; August." Aitchison 1258.

Afghanistan

Melica jacquemontii f. *scabra* Papp, Acad. Rom. Memor.
Sect. Stiintif. III 12. (Mem. 9): (27) 213. 1937.

"Türkei: Anatolien Argasus 1300 m.s.m. (I. Born-
müller No. 2581, 26 VI. 1890, H.H. Typus!)"

Melica kermanica Gandog. Bull. Soc. Bot. France
68^o: 301. 1920.

"Hab.: Persia austr. kerman in monte Kuh-Seidin
(Bornmüller n. 4862!)"

Basis of *M. inaequiglumis* var. *teheran* f. *kermanica*
(Gandog.) Papp.

Melica komarovi Lucznik, Bull. Acad. Sci. U.R.S.S.
31: 123. f. 2. 1938.

Ussuri Province, Russia

[Komarov]

Melica kotschyi Hochst. ex Steud. Syn. Fl. Oum.
1: 289. 1854.

"(Hrbr. Kotsch. alepp. nr. 366.)"....

"Kurdistan. Persia bor."

Melica kumana Honda, Bot. Mag. Tokyo 46: 1. 1932.
Name only in Mayebara, Florula Austro-Higoensis 67.
1931.

"Kiusiu: Itsuki, prov. Higo (K. Mayebara, no. 472,
anno 1921); ibidem (K. Mayebara no. 473, anno 1931-
typus in Herb. Imp. Univ. Tokyo."

Japan

Melica lanata Hochst. ex Steud. Syn. Fl. Oum. 1: 289:
1854.

"M. Schimper! Fresl. Bot. Berkn. 121. (Nomen) Herb.
Arab. un. it. nr. 104. 4 In oacumine montis St.
Catharinae Arab."

Arabia

Melica lanuginosa Desf. Tabl. Ecol. Bot. Mus. ed. 1.
15. 1804, nom. nud.

Melica lappacea Raspail, Ann. Sci. Nat. 5: 443. 1825.

"Centotheca lappacea (L.) Desv. [Desv.?]
["Falis" cited]

India

Melica latifolia Roxb. Hort. Beng. 8. 1814, without
descrip.; Fl. Ind. ed. Carey 1: 330. 1820.

"A native of the Garrow hills, from whence it was
brought to the Botanic Garden, by Mr. Robert Kyd,
1810."

India

Melica laxiflora Cav. Icon. Pl. 5: 48. pl. 473. f. 2.
1799.

"Habitat prope Talcahuano in Chile."

Melica laxiflora Boiss. & Blanch. ex Boiss. Fl. Orient.
5: 589. 1884, as syn. of *Melica ciliata* var.
nebrodensis Coss. Not Cav. 1799.

Melica laxiflora var. *glabra* Papp, Repert. Sp. Nov.
Fedde 25: 116. 1928.

"Chile: Concon (1827, ^{H. V.} Typus!)..."
Herb. Wiener

Melica laxiflora var. *hirsuta* E. Desv. in C. Gay, Fl.
Chil. 6: 376. 1853.

Chile

"....Concon (Foepfig); Valparaiso (Gaudichaud); en
Chile sin localidad (Gay)."

Melica laxiflora var. *hirta* (R. A. Phil.) Papp, Repert.
Sp. Nov. Fedde 25: 116. 1928.

Based on *M. hirta* R. A. Phil.

Illapel (Landbeck)

Chile

Melica laxiflora var. *longiflora* (Steud.) Papp, Repert.
Sp. Nov. Fedde 25: 116. 1928.

Based on *M. longiflora* Steud.

Chile

Melica laxiflora f. *maior* Hack. Ann. Cons. Jard.
Genève 17: 297. 1914, nom. nud.

Melica laxiflora var. *pilosula* Papp, Repert. Sp. Nov.
Fedde 25: 117. 1928.

"Chile: (Herb. Kunth, Bertero Miss. 1830)."

Melica Lilloi Becher. Candollea 7: 520. 1938.

Based on *M. decumbens* Papp "(non *M. decumbens* Weber
1778 quae = *Danthonia*; nec *M. decumbens* Thunb. 1794,
spec. Afr. austr.)"

Argentina: Tucuman (Lillo in herb. Stuck. 11180.
1912) [Herb. Geneva]

Melica Linnaei Hack. Papp, Bot. Jahrb. Engler 65: 292.
1932, as syn. of *M. ciliata* var. *Linnaei* Hack.
[Copied from Kew Ind. Suppl. 9]

Melica littoralis [Gouan] Raspail, Ann. Sci. Nat.
5: 443. 1825.

Based on "*Poa littoralis* Lin." [Gouan]

France

Melica littoralis R. A. Phil. Anal. Univ. Chil. 48: 572.
1873. "not *M. Rasp.* 1825."

"El señor don Claudio Gay halló esta grama 1851 en
los lugares marítimos cerca de Topocalma, i la dejó
en el herbario con el núm. 204."

Chile

Melica littoralis var. *Paulseni* (R. A. Phil.) Papp,
Repert. Sp. Nov. Fedde 25: 119. 1928.

Based on *M. Paulseni* R. A. Phil.

S. Isidro prope Quillota (Fr. Philipp)

Chile

Melica littoralis var. *werdermannii* Papp, Notizbl. Bot.
Gart. Berlin 10: 353. f. 4. 1928.

"Chile: Depart. Ovallo [Ovalle] Prov. Coquimbo,
Fray Jorge, ... (Nov. 1925--Werdermann n. 907)."

Melica lobata Schur, Enum. Fl. Transsilv. 765. 1866.

"Auf grasigen Hützen zwischen Gebüsch auf der
Postwiese bei Kronstadt."

Rumania

Melica lobelii Vill. Fl. Delph. 6. 1785. Hist. Fl.
Dauphine 2: 89. 1787.

"in nemorib. circa Gratianopol."

Grenoble, France

Melica longiflora Steud. Nom. Bot. ed. 2. 2: 119. 1841,
nom. nud.; Steud. Syn. Fl. Glum. 1: 290. 1854.

"*M. laxiflora* ? Bert. hrbr. nr. 1816.".... "Chili"

Chile

Melica longiligula Scribn. & Kearn. U. S. Dept. Agr.
Div. Agrost. Bull. 17: 225. f. 521. 1899.

"Southern California (No. 865. Parish Brothers, 1881):"

= *Melica californica* Scribn. Man. U. S.

Melica lutescens Lojac. Fl. Sicul. 3: 317. 1909.

"---Busambra (Pizzo Campana) 1100-1200 m. Lojac!"

Sicily

Melica Macbridei V. H. Rowland in A. Nelson, Bot. Gaz.
54: 404. 1912.

"948 of Macbride's 1911 collection of Idaho plants,
secured on dry slopes at Silver City, June 20."

= *M. fugax* Man. U. S.

Melica macra Nees, Agrost. Bras. 486. 1829.

"Ad Monte Video. (Sellow.) (Vidi in Herb. Reg.
Berol.)"

Uruguay

Melica macra var. *pilosa* Papp, Repert. Sp. Nov. Fedde
25: 152. 1928.

"Argentina: Estancia Forna Campo Alto Palmas.
Expedición de la Comisión Argentina de Límites
(Niederlein no. 2065, 5. II. 1887)."

Melica macrantha (Vasey) Beal, Bull. Torrey Club
17: 153. 1890. (Beal, Grasses N. Amer. 2: 506.
1896)

Based on *Poa macrantha* Vasey

= *P. macrantha* Vasey

Man. U. S.

Columbia River, Oregon (Thos. Howell)

Melica magellanica Desr. in Lam. Encycl. 4: 72. 1797.

"Cette espèce est originaire du détroit de Magellan,
d'où elle a été rapportée par commerson. (v.s. in
Herb. D. de Jussieu.)"

= *Hierochloë*

Strait of Magellan

Melica magnolia Gren. & Godr. Fl. France 3: 550. 1855.

"Gramen montanum avenaceum....Magnol. Bot. Monsp.
122."

Montpellier, France

Melica magnolia var. *gigantea* Bornm. Bot. Jahrb.
Engler 33: 403. 1903.

"Teneriffa: inter fruticos regionis calidae ad
Bajamar (n. 2950)."

Canary Islands

Melica magnolia var. *typhina* (Bor.) Husnot, Gram. Fr.
Belg. 56. 1899.

Based on "*M. typhina* Bor."

Rogliano Corsica

Melica major Sibth. & Smith, Fl. Graec. Prodr. 1: 51.
1806.

"In herbario Graeco Sibthorpiano, nescio unde lecta."

Greece (Sibthorp)

Melica majuscula Pilger, Notizbl. Bot. Gart. Berlin
8: 453. 1923.

"Peru: Hügel bei Cuzco... (Weberbauer n. 4877)....;
Prov. Cajatambo, unterhalb Ocos, ... (Weberbauer
n. 2750)."

Melica majuscula var. *glabra* Papp, Repert. Sp. Nov.
Fedde 25: 135. 1928.

"Peru: Cuzco, 3500-3600 m ü.m. (Weberbauer
no. 4877, III. 1905)."

Melica mandonii Papp, Notizbl. Bot. Gart. Berlin
10: 356. f. 4, 5. 1928.

"Bolivia: La Paz, Chuquigüillo ... April 1863--
Mandon n. 1357; Herb. Delessert, Genf)."

Melica matsumurae Hack. Bull. Herb. Boiss. 7: 706. 1899.

"Coll. Matsumura: in prov. Shinano."

[Japan]

"Valde aff. *M. Onoei* Franch. et Savat."

Melica Mexicana Link ex Fourn. Bull. Soc. Bot. Belg.
15: 471. 1876, as syn. of *Euchloë dactyloides* Engelm.

"Link msc. in herb. Less."

Man. U. S.

Melica micrantha Boiss. & Hohen. ex Boiss. Diagn. Fl.
Or. Nov. 2: (fasc. 13) 53. 1853 [cover date 1854]

"Boiss. & Hohen. in pl. Kotsch. Pers. bor. 1846....
Hab. in faucibus montis Elbrus prope Derbend, Kotsch.
no. 435." cited.

Elburz Mts. Persia

Melica micrantha var. *inaequalis* Griseb. Nachr. Ges.
Wiss. Göttingen 1868: 76. 1868.

"Eadem dicitur, quam non vidi, *M. ciliata* pl.
Thomson. ex Him. oco. 10-12000.--T. Zanskar."

India

Melica miliacea (Vill.) Loisel. Fl. Gall. ed. 2. 1: 59.
1828.

Based on *Aira miliacea* Vill.

Briançon. France

Melica minor Hack. ex Boiss. Fl. Orient. 5: 586. 1884.

"Hab. in rupestribus Caucasii orientalis Daghestania
australis prope Kurgüll et Kussur.... et ditio Tindal
inter Tindi et Aknada... (Rupr!), in Ossetiâ prope
Lars (Brotherus!)."

Russia - Europe

Melica minuta L. Mant. Fl. 1: 32. 1767.

"Habitat in Italia. D. Scopoli."

Melica minuta var. *amara* Meld. Ark. för Bot. Ser. 2.
5(1): 56. 1959.

"*M. minuta* var. *latifolia* Boiss affinis.....differt

"*Amarus*: Hassan Beyli 1000m (V.1. 1908, Mar. 2183,
hb. S.--holotypus; G.)

Lebanon

Melica minuta ssp. *arrecta* (Kunze) Breistr. Bull. Soc.
Bot. France 87: 48. 1940.

Based on *Melica arrecta* Kunze
Gibraltar, Spain

Melica minuta var. *concolor* Lojac. Fl. Sicul.
3: 316. 1909.

"Sortino, Florida Herb. Pan! Tin!"
Sicily

Melica minuta var. *dentissima* Papp, Bot. Jahrb. Engler
65: 314, 315. 1932.

"Frankreich: Toulon (Salzmann s.n. H. B. Typus!)."
France

Melica minuta var. *eligulata* (Boiss.) Bormm. Beih.
Bot. Centralbl. 31: 272. 1914.

Based on "*M. ramosa* var. *eligulata* Boiss."
Syria

Libani supra Beyrout---Broummana, Marsekis,
Bezumar, Eden(Bl.)...Beitkascho (Gaill) Muhtar-
rah (Ball)

Melica minuta var. *eligulata* f. *planifolia* Bormm. Beih.
Bot. Centralbl. 31: 272. 1914.

Syria

Melica minuta ssp. *eu-minuta* Maire & Weiller, Bull. Soc.
Hist. Nat. Afr. Nord 30: 309. 1939.

"Cyrénaique:---entre Toora et Barce (no. 1562):
entre Faidia et Selonta (no. 1724)."

[printed as "*Melica minuta* ssp. *eu-minuta* var.
cyrenaica Maire & Weiller---" in "*eu-minuta*" not
printed separately].

Melica minuta ssp. *eu-minuta* var. *cyrenaica* Maire &
Weiller, Bull. Soc. Hist. Nat. Afr. Nord 30: 309.
1939.

"Cyrénaique: broussailles des collines calcaires entre
Toora et Barce (no. 1562): entre Faidia et Selonta
(no. 1724)."

[Libye, north Africa. Maire & Weiller, Collectors]

Melica minuta var. *latifolia* Coss. Notes Crit. 12. 1848.

"*M. australis* Nob. [Coss.] ap. Bourgeau. exsicc.
Toulon, 1848, n. 437." cited.

France

Melica minuta var. *longiglumis* (Hausskn.) Halac. Consp.
Fl. Graec. 3: 381. 1904.

Based on *M. ramosa longiglumis* Hausskn.
Hymetti - Greece

Melica minuta var. *major* Lange, Naturhist. For. Kjøben-
havn Vid. Medd. II. 1: 48. 1860, without descr.

"(*M. ramosa* Vill.)! Lge. exs. n.66." cited.

"Cerro Zumbalejo pr. Jaen."

Spain

Melica minuta var. *minor* Lange, Naturhist. For. Kjøben-
havn Vid. Medd. II. 1: 48. 1860, without descr.

Cites: "(Lge. exs. n.65)."

"Jaen; Sierra Elvira fl. Granat! Sierra de Aguas
(herb. Schousb.)!"

Spain

Melica minuta var. *ramosa* (Vill.) Fiori, Nuov. Fl. Anal.
Ital. 1: 125. 1923.

Same comb. Marcos, Cavanillesia 8: 12. 1936.

France

Melica minuta var. *saxatilis* (Sibth. & Smith) Coss.
Notes Crit. 11. 1848.

Based on *M. saxatilis* Sibth. & Smith
Greece

Melica minuta var. *squarrosa* Senn. & Maurio. Cat. Fl.
Rif. Oriental 146. 1934, nom. nud.

Talamagait, Morocco

Melica minuta var. *vulgaris* Coss. Notes Crit. 11. 1848.

"In asperis et saxosis calidioribus Galliae australis,
in Galloprovincia, Occitania, agro Ruscinonensi et
Delphinatu: Avignon, Nîmes, Marseille, Toulon, Grasse,
Fréjus, Narbonne, in Delphinatu au Buis. etc.

France

Melica minuta var. *vulgaris* subv. *saxatilis* (Sibth. &
Smith) Briq. Prodr. Fl. Corse 1:122. 1910.

Based on *M. saxatilis* Sibth. & Smith
Greece

Melica minutiflora var. *pilosa* f. *mutica* Chiov. Nuov.
Giorn. Bot. Ital. n. ser. 26: 79. 1919.

Melica mollis R. & A. Phil. Anal. Univ. Chile 94: 161.
1896.

"Prope Carrizal invenit orn. Guilielmus Geisse."
Chile

Melica montana Huds. Fl. Angl. ed. 2. 37. 1778.

"Habitat in nemoribus montosis in comitatibus Ebor-
acensi, Westmorlandico et Cumberlandico frequens."

Cites: "B. pin 10. pr. 20...Hist. Ox. III. t. 7. f. 46
....etc."

England

Melica montana Cav. Descr. Fl. 44. 1802.

Not Huds. 1778.

= *M. minuta*

Melica montevidensis (Papp) Herter, Revist. Sudamer.
Bot. 6: 144. 1940.

Based on *Melica aurantiaca* var. *montevidensis* Papp
Montevideo J. Arechevalata
Uruguay

Melica montezumae Piper, Proc. Biol. Soc.
Washington 18: 144. 1905.

430 C. G. Fringle, Apr. 6, 1885.

Santa Eulalia Mts. Chihuahua, Mex.

Type

Man. U. S.

Melica mucronata (Papp) Herter, Revist. Sudamer. Bot.
6: 144. 1940.

Based on *Melica aurantiaca* var. *mucronata* Papp
Montevideo (Sellow no. 226) D)
Uruguay

Melica muhlenbergiana Schult. Mant. 2: 294. 1824.

"Nomen mutandum, cum jam sit racemosa Thunb."

Based on *M. racemosa* Muhl.

= *M. mutica* Walt. Man. U. S.
Carolina; Georgia

Melica multiflora Zucc. Fl. Pedem. 1: 145. 1849.

[Pedemonte et Liguria]
Italy

Melica multinervosa Vasey, Bot. Gaz. 16: 235. 1891.

"Collected at Brazos Santiago, Texas, by G. C. Nealley,
1891."

= *Vaseyochloa multinervosa* (Vasey) Hitchc.
Man. U. S.

Melica munroi Boiss. Fl. Orient. 5: 587. 1884, as syn.
of *M. secunda* Regel.

Orient

Melica mutica Walt. Fl. Carol. 78. 1788.

South Carolina

Man. U. S.

Melica mutica var. *diffusa* A. Gray, Man. ed. 5. 626.
1867.

Based on *M. diffusa* Pursh

= *M. mutica* Walt. Man. U. S.
Va. & Carolina

Melica mutica f. *diffusa* (Pursh) Fernald, Rhodora
41: 501. 1939.

Based on *M. diffusa* Pursh

= *M. mutica* Man. U. S.
Virginia, Carolina

Melica mutica var. *glabra* A. Gray, Man. ed. 5. 626.
1867.

Based on "*M. glabra* Pursh" [error for Michx.]
[Michx.; Pursh same]

= *M. mutica* Walt. Man. U. S.
Va.; Fla.

Melica mutica var. *glabra* Vasey in Wheeler, Rep. U. S.
Surv. W. 100th Merid. 6: 289. 1878, without descr.
Comb. on *M. glabra* Pursh made by A. Gray 1867, see
Man. U. S. p. 896.

"Sierra Blanca, Arizona, 1874 (805)."
[Boothrock, Coll.]

Melica mutica var. *parviflora* Porter in Port. & Coult.
Syn. Fl. Colo. 149. 1874.

"Glen Eyrie, Porter, Meehan; Sierra Madre Range,
Coulter."

= *M. porteri* Scribn. Man. U. S.
Glen Eyrie, Colo., Porter [type]

Melica nana Beal, Grasses N. Amer. 2: 504. 1896.

Based on *Poa argentea* Howell

Note from Manual: "Name changed because of 'M. argentea Desv.' [Error for *M. argentata* Desv.]." [Ashland Butte], Siskiyou Mountains, Oreg., Howell [in 1887].

= *Poa pringlei* Scribn. Man. U. S.

Melica nebrodensis Parl. Giorn. Bot. Ital. 2¹/₄ 198. 1845

Melica Cupani Guss. syn. fl. sic. 1. p. 141 pro parte cited.

"Nei luoghi sassosi montuosi assai elevati delle Madonie (Nebrodes) a Rocca di mele e a Narrapulegio, ove l'ho raccolta nel mese di Giugno."

Sicily

Melica nebrodensis var. *Magnolii* (Gren. & Godr.) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 346. 1900.

Based on *M. magnolii* Gren. & Godr.
Montpellier. France

Melica nebrodensis var. *Parlatorei* Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 346. 1900.

"So im Hochgebirge, bisher nur annäherungsweise in den Alpen, typisch nur in Süd-Europa, so in Sicilien (Parlatore's Originalpflanze)."

South Europe, Sicily

Melica nebrodensis ssp. *transsilvanica* (Schur) Husnot, Gram. Fr. Belg. 56. 1899.

Based on *M. transsilvanica* Schur.
France

Melica nebrodensis var. *trebinjensis* (Strobl.) Richt. Fl. Eur. 1: 79. 1890.

Based on *Melica trebinjensis* Strobl.
"Trebinje. Montenegro"

Melica nebrodensis var. *villigera* Bormm. Beih. Bot. Centralbl. 31: 273. 1914.

"Libanon, bei B[e]hamdun, 12-1300 m. (Nr. 12985)." Palestine

Melica neesii Stapf in Thiseit.-Dyer, Fl. Cap. 7: 687. 1900.

"Central Region: Beaufort West Div.; near Waltevrede, Drège 752 in part!"
Union of South Africa

Melica nervosa Moon, Cat. Fl. Ceyl. 8. 1824.

Gives: Latin & English name, Singhalese name and character, situation and soil, but no description.
"Dombera Peak"
Ceylon

Melica nitens (Scribn.) Nutt. ex Piper, Bull. Torrey Club 32: 387. 1905.

(*Melica nitens* Nutt. ex Scribn. Proc. Acad. Phila. 1885: 44. 1885, as syn. of *M. diffusa* var. *nitens* Scribn.)

Based on *M. diffusa* var. *nitens* Scribn.
[*M. scabra* Nutt. Not henth]
[Arkansas] Nuttall Man. U. S.

Melica nitida R. A. Phil. Anal. Univ. Chile 94: 160. 1896.

"In valle San Ramon prope Santiago inveniri potest."
Chile

Melica nodosa Fill. & Mitterp. Iter Posegan. 143. [1783]

= *Cleistogenes serotina* (L.) Keng
Europe

Melica nodosa Turcz. ex Ledeb. Fl. Ross. 4: 398. 1853;
as syn. of *M. virgata* Turcz.

U.S.S.R.

Melica nutans L. Sp. Pl. 66. 1753.

"In Europae frigidioris rupibus."
Europe

Melica nutans Lam. Tabl. Encycl. 1: 179. 1791.
Not L. 1753.

"Ex Europae sylvis & umbrosis."

Melica nutans L. misappl. by Cav. Icon. Fl. 2: 58.
pl. 175. f. 2. 1793.

= *M. minuta*?

Europe

Melica nutans var. *argyrolepis* Komarov, Fl. Manchuriae 1: 298. 1901.

No loc. cited for var.

Manchuria

Melica nutans f. *argyrolepis* (Komarov) Kitagawa, Rep. Inst. Sci. Res. Manch. 3 (App. 1): 82. 1939.

Manchuria

Melica nutans var. *caespitosa* Staněk. ex Podpěra, Květena Moravy 6: 238. 1926; Acta Soc. Sci. Nat. Moravy 2: 508. 1926.

"Valtice:....Týn (Theinwald)...Břeclavě (1923, Staněk)!"

Czechoslovakia

Melica nutans var. *composita* Murr. Deutsche Bot. Monatschr. 16: 147. 1898.

"Waldrand ausser Gries bei Bozen (Juli 1893) und einzeln im letzten Sommer bei Hinterbärenwald im Kaisergebirge." [Alps]

Austria

Melica nutans var. *grandiflora* (Koidz.) Hack. ex Papp, Acad. Rom. Memor. Sect. Stiintif. III. 12 (Mem. 9): (63) 249. 1937.

Based on *M. grandiflora* Koidz.

"Japonia: prov. Rikuchin---

U. Faurie 6400; prov. Shinano, ---prov. Yetsizen,---
U. Faurie 2220.

Melica nutans var. *involuta* Papp, Bull. Sect. Sci. Acad. Roumaine 18: 32. 1936.

"Japan: Insula Nippon (U. Faurie no. 5207, VI. 1902. Typus! Herb. Berolin.)"

Melica nutans var. *involuta* f. *pillata* Papp, Bull. Sect. Sci. Acad. Roumaine 18: 32. 1936.

"Japan: Nikko Gebirge, Jumato See, 1520m.s.m. (A. Engler No. 7627, 18 VII 1913, Typus! Herb. Berolin.)"

Melica nutans f. *montana* (Huds.) Papp, Bot. Jahrb. Engler 65: 325. 1932.

Based on *M. montana* Huds.

"in comitatibus Eboracensi [York], Westmorlandico et Cumberlandico frequens."
England

Melica nutans var. *picta* (K. Koch) Griseb. in Ledeb. Fl. Ross. 4: 400. 1853.

Based on *Melica picta* K. Koch
U.S.S.R. Europe

Melica nutans f. *pillata* Papp, Bull. Sec. So. Acad. Roum. 18: no. 1-2. 1936.

Roumania

Melica nutans var. *scabra* Podpěra, Květena Moravy 6: 238. 1926; Acta Soc. Sci. Nat. Moravy 2: 508. 1926. Desor. Czechoslovakian

"Bystřice p. H.: Rajnochovice, louky na Palomsku!"
Czechoslovakia

Melica nutans var. *serpentinicola* Podpěra, Květena Moravy 6: 239. 1926; Acta Soc. Sci. Nat. Moravy 2: 509. 1926. Desor. Czechoslovakian

"Mohelno:...(1923, Suza)! Czechoslovakia.

Melica nutans var. *Steigeri* Podpěra, Květena Moravy 6: 239. 1926; Acta Soc. Sci. Nat. Moravy 2: 509. 1926. Desor. Czechoslovakian

"Klobouky (1868, Steiger)! Oborný

Melica nutans ssp. *uniflora* (Retz.) Douin in Bonn. Fl. Compl. 12: 35. 1927-32.

Based on *M. uniflora* Retz.
Sweden

Melica nutans var. *viridiflora* Opiz, Seznam. Rostl. České 63. 1852. nom. nud.

Bohemia

Melica onsei Franch. & Sav. Enum. Fl. Japon. 2: 603. 1879.

"Hab. in Japonia, unde sine loci indicatione e botanico japonensi Ono habuit Dr. Savatier."

Melica onsei var. *pilosella* Honda, Bot. Mag. Tokyo 46: 1. 1932.

Nom. only in Mayebara, Florula Austro-Higoensis 67. 1931.

"Kiusiu: Kōnose, prov. Higo (K. Mayebara, no. 87, ann 1925---typus in Herb. Imp. Univ. Tokyo)."

Japan

Melica Onsei var. *pilosula* Papp, Acad. Rom. Memor. Sect. Stiintif. III. 12 (Mem. 9): (56), 242. f. 98, 99, 104, 107, 110, 111, 127. 1937.

"China: Peking (A.K. Schindler No. 117, V. 1905, H.V. [Herb. Wien] Typus!)"

Melica ovalis Nees, Fl. Afr. Austr. 1: 417. 1841.

"In saxosis montis Stormberg...(Tambukiland). Drège."
South Africa

Melica pallida H.B.K. Nov. Gen. & Sp. 1: 164. 1816;
op. cit. 7: pl. 693. 1825.

"Crescit in temperatis montium Quitensium inter Alausi
et Tiosan, alt. 1250 hexap."

Humboldt & Bonpland

Ecuador

= *M. soabra* Andes Grasses

Melica pammeli Scribn. Proc. Davenport Acad. 7: 240.
May 1899.

"Ceranum Park, Wyoming....No. 159, L. H. Pammel,
July 1, 1897."

= *M. geyeri* Munro Man. U. S.

Melica panicoides Nutt. Journ. Acad. Phila. II. 1: 188.
1848.

"Santa Barbara, Calif., Gambel."

= *M. imperfecta* Trin. Man. U. S.

Melica pannosa Boiss. Diagn. Fl. Orient. Nov. Vol. 2:
(fasc. 13) 55. 1853. (Cover 1854). take 1853 t.p.
date.

"Hab. in rupibus calidis Antilibani ad Souk Wadi
Barrada, legi Maio 1846."

Syria

Melica pannosa f. *schimperii* (Presl) Papp, Acad. Rom.
Memor. Sect. Stiintif. III. 12 (Mem. 9): (42) 228.
1937.

Based on "*M. schimperii* Presl, Bot. Bem. 121, ex
Staud. Syn. (1855) 289; *M. lanata* Steud. Syn. (1855)
289."

Persien: Fr. Gendjane (Pichler s.n. 1882, H.V.)--
Arabien: St. Catharina, (W. Schimper no. 104, 19. V.
1835 H.V.)"

Melica papilionacea L. Mant. Fl. 1: 31. 1767.

"Ard. spec. 2. p. 17. t. 6. f. 1,2." "Habitat in
Brasilia. D. Arduinus."

[L. Mant. 1771. addimenta 511]: *Melica papilion*, Gra-
men spica brizae singulari, locustis majoribus villo-
sis purpurascensibus. Sloan. hist. 1. p. 106. t. 64.
f. 1. "That is *Heteropogon contortus*, the florets
all fallen, plate from Sloan's specimen--see Hitchcock
Types Amer. Grasses 132. 1908. It is the "*Andropogon
secundus*" of Grisebach's Flora.]

Melica papilionacea var. *grandiflora* Kuntze, Rev. Gen.
Fl. 3^o: 356. 1898.

"Argentina: Tandil." O. Kuntze

Melica papilionacea var. *hyalina* (Doell) Hook. in
Bneuck, Allg. Bot. Zeitschr. 8: 96. 1902.

Based on *M. hyalina* Doell.

ins. S. Catharinae (Frid. Muller)

Melica papilionacea var. *laxiflora* Kuntze, Rev. Gen. Fl.
3^o: 356. 1898.

"Argentina: Cordoba." O. Kuntze

Melica parishii Vasey ex Beal, Grasses N. Amer. 2: 500.
1896.

"Southern California, Parish 1997."

= *M. imperfecta* Trin. Man. U. S.

Melica parviflora (Porter) Scribn. Mem. Torrey Club
5: 50. 1894.

Based on *M. mutica* var. *parviflora* Porter

= *M. porteri* Scribn.

Glen Eyrie, Colo., Porter.

Melica patagonica Parodi, Darwiniana 9: 361. 1951.

"Argentina Neuquén: Peno Hachado, L. R. Parodi no.
3194, 5 febrero de 1920, en laderas de la Cordillera
andina a 1.500m.s.m. Typus speciei (Herb. Parodi,
herb. Berlin, herb. Washington)."

"*M. stuckertii* Haack. var. *tenuis* Papp--- Typus =
Parodi No. 3194. Non *M. tenuis* Haack. et Arech. 1897?"

Argentina

Melica paulseni R. A. Phil. Anal. Univ. Chile

94: 159. 1896.

"In praedio S. Isidro prope Quillota invenit Fr.
Philippi."

Chile

Melica penicillaris Boiss. & Bal. Diagn. Fl. Orient.

Nov. II. 3(fasc. 4): 132. 1859.

"Hab. in collibus lapidosis ad occidentem Caesareae
in Cappadocia.....cl. Balansa."

Syria

Melica persica Kunth, Rev. Gram. (1: 351. 1829, nom.
nud.) 2: 351. 1830.

"Crescit in Persia, inter Kermachan et Amadan."

Melica persica var. *caespicia* Griseb. in Ledeb. Fl. Ross.
4: 398. 1853.

"Hab. in provinciis caucasicis [Talisch in distr.
Suwant! (C. A. Meyer in hb. Bung., Hohenack.).]"

U.S.S.R.

Melica persica var. *flava* Papp, Acad. Rom. Memor. Sect.
Stiintif. III. 12 (Mem. 9): (31.) 217. 1937.

Indien: Baltistan, Dras (I. Duthie no. 13818, U.S.
22 VIII 1893. H.V. Typus!); Hymalaja, reg. temp.
(Hook.f. et Thomson s.n. H.V.)"

Melica persica var. *flava* f. *major* Papp, Acad. Rom.
Memor. Sect. Stiintif. III. 12 (Mem. 9): (31), 217.
1937.

Türkei: Armenien, Karpuz, Gunustehain
(P. Sintonis No. 706, 12. VI. 1889 H.H. [Herb.
Haussknecht] Typus)

Melica persica var. *Kotschyi* (Hochst.) Papp, Acad. Rom.
Memor. Sect. Stiintif. III. 12 (Mem. 9): (32), 218.
1937.

Based on *M. Kotschyi* Hochst.

"(Hrb. Kotsch. alepp. nr. 366).""Kurdistan.
Persia bor."

Asia

Melica persica f. *laeviuscula* Papp, Acad. Rom. Memor.
Sect. Stiintif. III. 12 (Mem. 9): (33) 219, fig. 134.
1937.

Persien: Kuh-Gorse (T. Strauss s.n. VII. 1902, H.H.
Typus!); Kerman, Kuh-i-Dachupar, 2900 m.s.m. (I.
Bornmüller no. 4861, 9 VI. 1892, H.H.); Sungur,
Kuh-i-Ehrullah (T. Strauss s.n. 3 VI 1908, H.H.)"

Melica persica var. *soabra* Papp, Bull. Sect. Sci. Acad.
Roumaine 18: 31. 1936.

"China: Tibet (Gilgit Exped., S.N.I., 1880, ex Herb.
Engler, Typus! Herb. Berlin)." Indien: Hindu Kush
(Duthie S.N. I 1887. Col. Gales, Herb. Berlin).

Melica persica var. *vestita* (Boiss.) Boiss. Fl.

Orientalis 5: 591. 1884.

Based on *Melica vestita* Boiss. Diagn. 125. 1846.

"Gara Kurdistaniae (Ky. 368!) Persia---(Haussk!),
Kuh Delu (Ky 494!), Affghania, (Griff!), Beluschia
(Stooks!)"

Melica philippensis Llanos Frag. Alg. Fl. Filipinas
44. 1851.

"Habita en Calumpit à orilla de los Caminos."
Filipinas

Philippines

Melica picta K. Koch, Linnaea 21: 395. 1848.

"im Gebüsch auf den nördlichen Abhängen des untern
Kaukasus auf Porphy. Auch von Wilhelms aus Grusien
erhalten."

Caucasus U.S.S.R.

Melica picta var. *Adamovicii* Papp, Bot. Jahrb. Engler
65: 327. 1932.

"Südslowien: Rrtan (Adamovic s.n. 27. VII. 1904,
H. B. Typus!)"

Melica picta var. *rubriflora* Seemen, Verh. Bot. Ver.
Brand. 29: 21. 1887.

Sulza in Thüringen [Seemen, Collector]

Germany

Melica picta var. *viridiflora* Seemen, Verh. Bot. Ver.
Brand. 29: 21. 1887.

Sulza in Thüringen. [Seemen, Collector]

Germany

Melica pilgeriana Papp, Notizbl. Bot. Gart. Berlin
10: 355. f. 5. 1928.

"Argentina: Prov. Riojas, Sierra Famatina, Mina El
Oro (Jan. 1879--Hieronymus et Niederlein n. 427."

La Rioja Province

Melica poseoides Nutt. Journ. Acad. Phila. II. 1: 188.
1848.

"Santa Catalina Island, Calif., Dr. Wm. Gambel."
[The type at the British Museum is labeled San
Diego.]

= *M. imperfecta* Trin. Man. U. S.

Melica poseoides Nutt., misappl. by Torr. U. S. Rep.
Expl. Miss. Pacif. 4: 157. 1857, nom. seminud.
Not *M. poseoides* Nutt., 1848.

Corte Madera, California; April 20 [Bigelow]

= *M. californica* Scribn. Man. U. S.

Melica poseoides Boland. ex Scribn. Proc. Acad. Phila.
1885: 47. 1885, as syn. of "*M. bromoides* Gray."

"*M. poseoides* and *M. poseoides* var. *bromoides*, Nos.
6120, 40, and 6119 of Bolander's distributed sets."

= *M. geyeri* Man. U. S.

Proc. Acad. Phila. 1885: 47. 1885. Given as vol. 37
in Gray cards
L.C. card says: Vols. 1857-1900 are unnumbered.

Melica poseoides var. *acuminata* Boland. ex Scribn. Proc. Acad. Phila. 1885: 47. 1885, as syn. of *M. subulata* Scribn. California, Bolander 4698.

= *M. subulata* (Griseb.) Scribn. Man. U. S.

Melica poseoides var. *bromoides* Boland. Proc. Cal. Acad. Sci. 4: 103. 1870.

"This is no 40 of my small collection and no. 6119 of the Catalogue, 1867, there enumerated as *M. Poseoides* var. *bromoides* Bol."

California

Here [1870] given as syn. of *M. geyeri* Munro; Bol.

= *M. geyeri* Man. U. S.

Melica poseoides var. *inflata* Boland. Proc. Calif. Acad. 4: 101. 1870.

"in the upper part of Yosemite Valley...July, 1856 (My number 6121 of Catalogue 1867)."

California Man. U. S.

Melica poecilantha E. Desv. in C. Gay, Fl. Chil.

6: 379. 1853.

"Crece por copitas entre los peñascos cubiertos de arbustos, en la Serena y Arqueros, provincia de Coquimbo (Gay)."

Chile

Melica poecilantha var. *umbrosa* E. Desv. in C. Gay, Fl.

Chil. 6: 380. 1853.

"Crece por copitas entre los peñascos cubiertos de arbustos en la Serena y Arqueros, provincia de Coquimbo (Gay)."

Chile

Melica polyantha Keng, Sunyatsenia 6: 77, f. 1. 1941.

China

"Type in the Herbarium of the Biological Laboratory, the Science Society of China, collected in a yard of a ruined house, Shaowusze Agricultural Station, Taining district, Sikang province, July 12. 1940, by K. L. Chü (no. 7364)."

"probably related to *M. Onsei* Franch. & Sav.

Melica popoviciana Fapp, Repert. Sp. Nov. Fedde 25: 143.

pl. 9. 1928.

"Argentina: Chiloito, Cuesta de Miranda, Prov. de la Rioja (L. Parodi no. 7823, 30. I. 1927)."

aff. *M. Pilgeriana* Fapp

Melica porteri Scribn. Proc. Acad. Phila. 1885: 44.

pl. 1. f. 17, 18. 1885.

Based on *M. mutica* var. *parviflora* T. C. Porter

Glen Eyrie, Porter. Meehan. Sierra Madre Range, Coulter.

Colorado

Melica porteri var. *laxa* Boyle, Madroño 8: 25. 1945.

White Mts., New Mexico, 7000 ft. August 13, 1897,

E. O. Wootton 680 (N.Y.) = N. Y. Bot. Gard. Herb.

Man. U. S.

Melica primaeva C. T. & B. B. Brues, Bull. Wisc. Nat.

Hist. Soc. 6: 170-171, f. 1. 1908.

"Florissant, Colorado, by Professor T. D. A. Cookerell in the Miocene shales at station 14."

fossil

Basis of *Phalaris primaeva* (C. T. & B. B. Brues) Beetle 1958.

[not in Man. U.S.]

Melica provincialis Clar. ex Steud. Nom. Bot. ed. 2.

2: 119. 1841, as syn. of *M. ciliata* L.

Melica przewalskyi Roshev. Not. Syst. Herb. Hort. Bot.

Petrop. 2: 25. 1921.

"China occidentalis; Regio Tangut (prov. Kansu). Ad fl. Jusup-chatylga...Juli 1880 (Przewalsky no. 582!)"

Melica pubescens Desv. Opusc. 65. 1831.

"Colitur in hortos botanicos sub nomine *M. ciliata*." hort.

Melica pumila Stapf in Thiseit-Dyer, Fl. Cap.

7: 686. 1900.

"Central Region: Beaufort West Div.; near Weltevrede, Drège 752 in part!"

So. Africa

Melica purpurascens (Torr.) Hitchc. Contr. U. S. Nat.

Herb. 12: 156. 1908.

Based on *Trisetum purpurascens* Torr.

Mass., N. Y., Montreal

= *Schizachne purpurascens* (Torr.) Swallen

Melica pyramidalis Lam. Fl. Franç. 3: 585. 1778.

"Cette plante croît en Dauphiné, d'où elle m'a été envoyée par M. Liottard."

France

Melica pyramidalis ssp. *arrecta* (Kunze) P. Fourn.

Quatre Flores France 71. 1946.

Based on *Melica arrecta* Kunze

Gibraltar

Melica pyramidalis ssp. *ramosa* (Vill.) P. Fourn. Quatre

Flores France ed. 2. 71: 1946.

Based on *Melica ramosa* Vill.

France

Melica pyrifera Hack. Oesterr. Bot. Zeitschr.

32: 307. Aug. 1902.

"Peru, prope Callacate leg. Jelski."

Melica racemosa Thunb. Prodr. Fl. Cap. 21. 1794.

Hab. Bonae Spei Africae....collegit Carol. Pet. Thunberg.

Cape Good Hope, Afr.

Melica racemosa Muhl. Descr. Gram. 88. 1817. Name

only, Muhl. Cat. Fl. 11. 1813. Not Thunb. 1794.

"Habitat in Carolina, Georgia."

= *M. mutica* Walt.

Man. U. S.

Melica radula Franch. Fl. Davidian 1: 336. 1884.

{Nouv. Arch. Mus. Hist. Nat. Paris II. 7: 146. 1884}

"Chensi méridional: sur les collines, Avril 1873."

China

Melica ramosa Vill. Hist. Fl. Dauph. 2: 91. 1787.

"sur les rochers et parmi les pierres, au Buis, etc." [France]

Melica ramosa Thunb. Prodr. Fl. Cap. 21. 1794.

Not Vill. 1787.

"Promontorio Bonae Spei Africae....collegit Carol. Pet. Thunberg."

Cape Good Hope, Africa

Melica ramosa var. *depauperata* Mutel, Fl. Franco.

4: 70. 1837.

"....Pyr. Or. (Xatart sous le nom de *M. uniflora*."

[France]

Melica ramosa var. *eligulata* Boiss. Fl. Orient.

5: 586. 1884.

"Hab. ad rupes praeruptas Libani supra Beyrout et ad Broummana Marsekis, Bezulmar, Eden (Bl!) in sylva Beitkascho (Gaill!) ad Nahtarra (Ball!)."

Syria

Melica ramosa var. *longiglumis* Hausskn. Mitt. Thüring.

Bot. Ver. N. F. 13, 14: 52. 1899.

"Hab. in fissuris rupium calcar. in fauce magno Hymetti."

Greece

Melica ramosa ssp. *major* (Sibth. & Sm.) Douin in Born.

Fl. Compl. 12: 35. 1927-32.

Based on *M. major* Sibth. & Smith

In herbario Graeco Sibthorpiano, nescio unde lecta.

Greece (Sibthorp)

Melica ramosa var. *parviflora* Boiss. Fl. Orient.

5: 585. 1884.

"Hab. in rupestribus traehyticis pagi Goschkar prov. Musch Armeniae 5000' (ky. 338!), Cilicia littorali ad Bouloukli (Bal!)."

Armenia

Melica ramosa var. *saxatilis* (Sibth. & Smith) Boiss. Fl.

Orient. 5: 585. 1884.

Based on "*M. saxatilis* Sibth. & Smith"

Greece

Melica rariflora Schreb. Besch. Grms. 2: 157. 1810.

Cites: "Moris. hist. pl. 3. p. 216. f. 8. t. 7. f. 51"

Based on *M. glabra* Michx.

= *M. mutica* Walt.

Man. U. S.

South Carolina

Melica rectiflora Boiss. & Heldr. in Boiss. Diagn. Fl.

Orient. Nov. Vol. 2 (fasc. 13): 56. 1853*

"in pl. Cret. exs. 1847."

"Hab. ad rupes prov. Sphakiae Cretae in fauce Hario Rumeli Fl. Aprilii (Heldreich)."

Crete

*1854 is on blue cover, but t.p. 1853 is probably date of publ.

Melica rectiflora var. *Heldreichii* Fapp, Bot. Jahrb.

Engler 65: 334. 1932.

"Griechenland: Kreta, Hagl-Rumeli, Sphakia (Heldreich nr. 1396, 1846, H.B. Typus!)"

Crete

Melica rectiflora var. *pilosa* Papp, Bot. Jahrb. Engler
65: 334. 1932.

"Italien: Ins. Karpethos, m. Lasto (T. Fichler
nr. 670, V. 1883, H.B. Typus!)"

Melica refracta Roxb. Hort. Beng. 8, 1814, without
desor.; Fl. Ind. 1: 329. 1820.

"A native of the Moluccas."

"Amboyna. Mr. C. Smith, 1798" [Hort. Beng.]
Molucca Isl. East Indies

Melica repens (Desf.) Raspail, Ann. Sci. Nat. 5: 460.
pl. 10. f. 5. 1825.

Based on *Dactylis repens* Desf.

Tunis and Algeria

= *Aeluropus repens* (Desf.) Parl.

Melica reptans Rasp. Ann. Sci. Nat. 5: 443. 1825.

"*Dactylis reptans* Desf." cited.
error for *D. repens* Desf.--this transferred to
Melica repens (Desf.) Rasp. op. cit. 460. q.v.

= *Aeluropus repens* (Desf.) Parl.

Tunis and Algeria

Melica retrofracta Suksdorf, Deutsche Bot. Monatschr.
19: 92. 1901.

"Skamania County, 6. Juli 1894."

Washington Suksdorf

= *M. smithii* Man. U. S.

Melica rigida Cav. Icon. Fl. 5: 47. pl. 473. f. 1. 1799.
Not Wib. 1799.

"Habitat in Montevideo haud procul ab Almacen de los
negros."

Uruguay

Melica rigida Wib. Prim. Fl. Werthem. 117. 1799.

Not Cav. 1799.

"*Festuca decumbens* Linn."

"Io. Leers. Herborn. T. 7. fig. 5" cited.

"H. in collibus sterilibus."

[Werthem. Germany]

Melica rimarum Gandog. Bull. Soc. Bot. France
47: 124. 1900.

"In fissuris rupium verticalium vers. 900 m. alt."
"sur le Puig de Galatso" Balears.

Spain

Melica sabinii (R. Br.) Raspail, Ann. Sci. Nat. 5: 443.
1825.

Based on *Pleuropogon sabinii* R. Br.

" " " " "

Melville Island. Arctic America

Melica sarmentosa Nees, Agrost. Bras. 485. 1829.

"inter Monte-Video et flumen Rio grande do Sul
diotum, haud procul a finibus regni Paraguayan.
(Sellow.) (Vidi in Herb. Reg. Berol.)"

Brazil - Uruguay

Melica sarmentosa var. *glabrior* Doell in Mart. Fl.
Bras. 23: 127. 1878.

Brazil

= type var. Nees' citation copied, slightly re-worded

Melica sarmentosa var. *pilosula* Doell in Mart. Fl.
Bras. 23: 127. 1878.

"a cl. Regnell (III. n. 1416) ad Caldas prov.
Minarum lecta."

Brazil

Melica saxatilis Sibth. & Smith, Fl. Graec. Prodr.
1: 51. 1806.

"Icon. Fl. Graec. t. 71."

"In insularum Graecarum collibus frequens."

Greece

Melica scaberrima (Nees) Hook. f. Fl. Brit. Ind. 7: 330.
1896.

Based on "*Festuca scaberrima* Nees"

East Indies

Melica scaberrima var. *micrantha* Hook. f. Fl. Brit.
Ind. 7: 331. 1896.

"Kishtwar....Clarke."

India

Melica scabra H.B.K. Nov. Gen. & Sp. 1: 164. 1816.

"Crescit in frigidis Andium Assuensium, juxta pagum
Pomallacta et Cerro de Sitzan, alt. 1500 et 1870
hexap. (Regno Quitensi.)"

Ecuador

Melica scabra Nutt. Trans. Amer. Phil. Soc. n. ser.
5: 148. 1837. Not H.B.K. 1816.

"Hab. In the humid shady woods of Cedar prairie, ten
miles from Fort Smith."

Arkansas, [Nuttall]

= *Melica nitens* Man. U. S.

Melica scabra var. *glabra* Papp, Repert. Sp. Nov. Fedde
25: 145. 1928.

"Ecuador: Tunguragua (Spruce no. 5920, 1857/59, Typus:
H[erb.] W[iener] H[erb.] G[enfer]."
=Vienna = Geneva

Melica scabra var. *pubescens* Papp, Repert. Sp. Nov.
Fedde 25: 145. 1928.

"Colombia: Bogota (Karsten s.n. H. V.
[Herb. Wiener]"

aff. *M. pallida* H. B.

" " *pilgeriana* Papp.

Melica scabrata Scribn. in Piper, Fl. Palouse Reg.
25. 1901.

"In low meadows, infrequent, Piper No. 1745."
[near Pullman, Washington]

= *M. spectabilis* Man. U. S.

Melica scabrosa Trin. Mém. Acad. St. Pétersb. Sav.
Etrang. 2: 146. 1833.

"Hab. in montosis Zui-way-sohan et in ruderalis
prope Pekinum." [col. Bunge-northern China.]

Melica scabrosa var. *Limprichtii* Papp, Bull. Sect. Sci.
Acad. Roumaine 18: 31. 1936.

"China: Peking, Westgebirge, Tshili, 300 m.s.m. (Dr.
Limpricht no. 2418, 22 V. 1915, Typus! Herb. Berolin.)"

Melica scabrosa var. *puberula* Papp, Bull. Sect. Sci.
Acad. Roumaine 18: 32. 1936.

"China: Shensi meridionalis, Learson (F. Giraldi No.
6529, IX 1898, Typus! ex Herb. Berolin.)"

Melica scabrosa f. *puberula* (Papp) Kitagawa, Journ. Jap.
Bot. 29: 165. 1954.

Based on *M. scabrosa* var. *puberula* Papp.

Shensi meridionalis

Melica scabrosa var. *pubivagina* (Nakai) Kitagawa, Journ.
Jap. Bot. 29: 106. 1954.

Based on "*Melica scabrosa* Trin. var. *pubivagina* Nakai
in sched." here described.

Hab. Korea: Keisyo-hokudō: Kō-Kō (T. Nakai Mai. 29.
1917.--Typus in herb. T.)"

Melica scabrosa var. *Baiula* (Franch.) Papp, Acad. Rom.
Memor. Sect. Stiintif. III. 12(Mem. 9): (51), 237.
1937.

Based on *M. Radula* Franch.

"Chensi meridional: sur les collines Avril 1873."

China

Melica scandens Larran, Escrit. D. A. Larran. 2: 43.
1923. [Publ. Inst. Hist. Geogr. Uruguay]

N. e 1 de 1812. [Uruguay]

Melica schimperii Presl, Bot. Bemer. 120*(Separate not
in Library); Abh. Bohm. Ges. Wiss. 5 Folge 3: 550.
1845, without desor.

"*Melica* n.sp. Herb. arab. un. it. n. 104 -- est nova
Melicae species: *M. Schimperii* Presl" only cited.

*t.p. Botanische Bemerkungen gesammelt von Karl Bon.
Presl vorgetrogen [presented] am 21. December 1843
in der Naturwissenschaftlichen Section. This given
in Abh. Bohm. etc.

Melica Schischkini Iljinskaja, Not. Syst. Herb. Inst.
Bot. Komarov Acad. Sci. U.R.S.S. 12: 29. 1950.

Respublica Nachiczewan, distr. Noraschen, mons Kabach-
jal, propre fl. Arpa-czai, ca. 900 m.s.m., in lapido-
sis, 4 VI 1947, leg. Grossheim, Iljinskaja, Kirpiz-
nikov.

U.S.S.R. Asia

Melica secunda Regel, Acta Hort. Petrop. 4: 629. 1881.

"In Kokania inter Karakasuk et Schagimardan (O. Fedt-
schenko), in valle Afghanistaniae Kurrum (Aitchison
n. 1257), in trajectu montium Alexander Karakia (A.
Regel), in valle fluvii Almatinka...prope Wernoje
(Kuschakewicz)."

Afghan. Turkestan

Melica secunda Regel var. *interrupta* Haak. Acta Hort.
Petrop. 26: 58. 1906.

Petissow 7 VIII 1882 (old style)

Turkestan: Tian-Schan occid.: Bischtasch ad confl.
Talas 5000'.

Asia

Melica setacea Pers. Syn. Fl. 1: 78. 1805.

"Hab. in Gallia prope Beaucaire."

France

Melica sibirica Lam. Tabl. Encycl. 1: 179. 1791.

= *M. altissima* L.

"E. Sibiria"

Melica sinaica Fig. & De Not. Mem. Accad. Sci. Torino
II. 12: 256. 1852.

"*Ad rupes porphyricas.*" Sinai. Figari, Collector
Arabia

Melica sinica Ohwi, Journ. Jap. Bot. 19: 170. 1943.

"China borealis:---(leg. M. Togashi, n. 560)."

[referred to *M. radula* Franchet 1884 by Kitagawa,
Journ. Jap. Bot. 29: 165. 1954.]

China

Melica smithii (Porter) Vasey, Bull. Torrey Club
15: 294. 1888.

Based on *Avena smithii* Porter

Sault Ste Marie -- Mich.

(C. E. Smith)

Man. U. S.

Melica Sorrentini Lojac. Fl. Sicul. 3: 315. pl. 14. f. 3.
1909.

"---Aloamo, Sorrent! in Herb. Pan. (sub. *M.*
pyramidalis)---"

Sicily

Melica speciosa Muhl. Trans. Amer. Phil. Soc. 3: 161.
1793, nom. nud.; Desor. Gram. 87. 1817.

"Habitat in montibus Pennsylvaniae"

= *M. nutica* Walt.

Man. U. S.

Melica spectabilis L. ex Munro, Journ. Linn. Soc. Bot.
6: 42. 1862, nom. nud.

Ms. name in Linn. Herb. on *M. papilionacea* L.

Brazil

Melica spectabilis Scribn. Proc. Acad. Phila. 1885: 45.
1885. [is] Not *M. spectabilis* L. ex Munro 1862.

"*M. bulbosa* S. Wats.--King Exp. 383" [error for *M.*
poaeoides Geyer 11 cited by Wats. = *M. Geyeri* Munro];
"Porter & Coulter Fl. Colo. 149" [*M. bulbosa* Geyer
there is valid (*M. bella* Scribn.)] Neither citation
refers to the sp. Scribner describes.

"Montana, Crow Creek Mts.--Scribner 385, 1883" first
of several ---Nev. Watson 1303 (cited sub *M. poaeoi-*
des by Wats. King Exp. p. 384, see above) in herb.
U. S.

Valid Man. U. S.

Montana

Melica spinosa Munro ex Boiss. Fl. Orient. 5: 587. 1884,
as syn. of *M. secunda* Regel

= *M. secunda*

Afghanistan - Turkestan

Melica striata (Michx.) Hitchc. Rhodora 8: 211.
Nov. 1906.

Based on *Avena striata* Michx.

= *Schizachne purpurascens* (Torr.) Swallen

Hudson Bay

Melica stricta Boland. Proc. Calif. Acad. Sci. 3: 4.
1863.

"Collected by M. George Dunn at Silver City, Nevada
Territory."

Man. U. S.

Melica stricta var. *albicaulis* Boyle, Madroño 8: 24.
1945.

"Coldwater and Lytle creeks, San Antonio Mts., Cali-
fornia, dry ground under pines, elevation 7000 feet,
July 3, 1917, I. M. Johnston 1516 (UC)."

= University of California

= *M. stricta* Man. U. S.

Melica stuckertii Hack. ex Stuck. Anal. Mus. Nac.
Buenos Aires. 11: 135. 1904.

"Stuckert: Herb. arg. no. 12,748."

Argentina

Melica stuckertii var. *cordobensis* (Hack.) Hack. in
Stuck. Anal. Mus. Nac. Buenos Aires 21: 140. 1911.

Based on "*M. cordobensis* Hack." ex Stuck.

San Vicente prope Córdoba Argentine (Stuckert herb.
arg. 545 abo)

Melica stuckertii var. *tenuis* Papp, Repert. Sp. Nov.

Fedde 25: 112. 1928.

"Argentina: Pino Hachado, Cordillera Andina, Neuguen
--1500 m U. S. (L. Farol, no. 3194, 5. II. 1920)."

Melica subenervis Boiss. Fl. Orient. 5: 586. 1884, as
syn. of *M. minor* Hack.

Orient

Melica subulata (Griseb.) Scribn. Proc. Acad. Phila.
1885: 47. 1885.

Based on "*Bromus subulatus* Griseb."

Unalaska, Eschscholtz

Man. U. S.

Melica sylvatica Link ex Steud. Nom. Bot. 520. 1821,
nom. nud.

"Wredow" only cited

= *Molinia caerulea*

Melica tandilensis (Kuntze) Berter, Revist. Sudamer.
Bot. 6: 144. 1940.

Based on *Melica aurantiaca* var. *tandilensis* Kuntze
Argentina, Tandil [Kuntze]

Melica taurica K. Koch, Linnaea 21: 395. 1848.

"Auf Thonschiefer, Grünsenstein und Jurakalk der Süd-
küste der Krim..."

Crimea U.S.S.R.

Melica teneriffae Hack. ex Christ, Bot. Jahrb. Engler
9: 153. 1888.

"Hack. in litt. sine descr."

"Hab. Icod de los Vinos Teneriffae occid., ubi de-
textit et sub nomine *M. ciliatae* in herb. asservavit
I. Hillebr. 25. Mai. 1879."

Teneriffe Canary Isl.

Melica tenuis Arech. Anal. Mus. Nac. Montevideo
1: 450, pl. 57. 1896.

"Cerro de Montevideo, grietas de peñascos, cerca de
la cumbre."

Uruguay

Melica tibetica Boshov. Not. Syst. Herb. Hort. Bot.
U.S.S.R. 2: 27. 1921.

"Kam (Tibet): In valle fl. Jang-tse-kiang ad pagum
Kabschi-kamba...20. VII. 1900 (Ladygin no. 338!)"

China

Melica timesi Lojac. Natural. Sicil. 1: 14. 1882,
without descr.

= *M. nebrodensis*

Sicily

Melica torreyana Scribn. Proc. Acad. Nat. Sci. Phila.
1885: 43. pl. 1. f. 3, 4. 1885.

[Specimen named *M. imperfecta* var. *sesquiflora* Torrey
in herb. 'immature'.]

"California, Bigelow in 1853-54"

Man. U. S.

Melica tortuosa R. A. Phil. Anal. Univ. Chile 94: 161.
1896.

"Habitat in valle fluminis Tercia depart. Ovalle.
Quili. Geisse."

Chile

Melica trachyantha Boiss. Diagn. Fl. Orient. Nov.
1(fasc. 7): 125. 1846.

"Hab. in Persia australi leae non notate, Ketschy
No. 895."

Asia

Melica transsilvanica Schur, Enum. Fl. Transsilv.
764. 1866.

(*M. transsilvanica* Schur, Verh. Siebenb. Ver. Naturw.
4: 86. 1853, as syn. of *M. ciliata* L.)

"Schur, sert. n. 3141."

[Romania]

[1]
Melica transsilvanica var. *Bernadilleri* Papp, Bot. Jahrb.
Engler 65: 305, 308. 1932.

"Sudalawien: Oehrida... (J. Bernadiller Nr. 2156,
29. VI. 1917, H.B. Typus."

Europe

Melica transsilvanica var. *Bourgasi* Griseb. in Pantoczek
M. V. Presburg M. F. 2: 15. 1872.

Copied from Bordzil. Fl. U. R. S. R. (Fl. Reipub.
Sov. Soc. Urain.) vid. (ed. 2) 2: 224. 1940.

Exsicc. Herb. Fl. Reipubl. Sov. Urain. No. 14.

Melica transsilvanica var. *Bourgasi* (Griseb.) Janchen,
Oesterr. Bot. Zeitschr. 69: 250. 1920. in footnote
"die südalmatinisch-nordalbanische Pflanze von der
niederösterreichischen etwas verschieden und als var.
Bourgasi (Griseb.) zu bezeichnen" no citation of
Grisebach's place of publication.

Melica transsilvanica var. *flavescens* (Schur) Aschers.
& Graebn. Syn. Mitteleur. Fl. 2: 345. 1900.

[same comb. Hayek, Repert. Sp. Nov. Fedde Beih. 30:
248. 1932.]

Based on *M. ciliata* var. *flavescens* Schur

Kronstadt Rumania

Melica transsilvanica var. *flavidula* Podpěra, Květena
Moravy 6: 234. 1926; Acta Soc. Sci. Nat. Moravy
2: 504. 1926. descr. Czechoslovakian.

"Olmouco: stráž 'Palazewrek' v Hluboké Žlebě u
Náměsta (Otrubá):
Brno: Pisárky (Jelinek, 1836!); Pouzdřany!"

Czechoslovakia

Melica transsilvanica var. *glabrata* Celak. Resultate
1890, 10 [Ukraine] sp. 1891.

Copied from Bordzil. Fl. U. R. S. R. (Fl. Reipub. Sov.
Soc. Urain.) vid. (ed. 2) 2: 224. 1940.

M. ciliata var. *glabrata* Celak in Aschers. & Graebn.
Syn. Mitteleur. Fl. 2: 344. 1900.

Based on *M. ciliata* var. *glabrata* Cel. in Böhm.
G. Wiss. Math. Nat. Cl. 10. 1891.

Melica Transsilvanica var. *holubyana* Aschers. & Graebn.
Syn. *Mitteler. Fl.* 2: 345. 1900.

"So bisher nur in Ungarn: Transsiner Comit: Stvrtek
im Weingebirg auf Kalk (J. L. Holuby!)."

Czechoslovakia

Melica transsilvanica var. *interrupta* Lavr. in *Bordzil.*
Fl. U.R.S.S. (Ukr. Repub. Sov. Sec. Urain.) vid.
ed.) 2: 224. 1940.

Place in Russian [Ukraine]

Melica transsilvanica var. *lobata* (Schur) Richt. *Fl.*
Eur. 1: 78. 1890.

Based on *Melica lobata* Schur
Krenstadt - Rumania

Melica transsilvanica var. *micrantha* (Boiss. & Hohen.)
Richt. *Fl. Eur.* 1: 78. 1890.

Based on *Melica micrantha* Boiss. & Hohen.
Montis-Ekbrus prope Darbend Kotsch. No. 435 in 1846.
Persia

[1]
Melica transylvanica var. *phonolitica* Podpéra, Hegl,
Illustr. *Fl. Mittel-Eur.* 290. 1907.

"nordböhm. --- am Gipfel des Bösigs."
[Czechoslovakia]

Melica transsilvanica var. *subaristata* (Bokl.) Hayek,
Repert. Sp. Nov. Fedde Beih. 303: 248. 1932.

Based on *Melica ciliata* var. *subaristata* Bokl.
Sitzungsab. Böhm. Ges. Wiss. 39: 27. 1902.
Europe

Melica transsilvanica var. *transitoria* Podpéra, Květena
Moravy 6: 234. 1926; *Acta Soc. Sci. Mat. Moravy* 2:
504. 1926. descr. Czechoslovakian

"*Mel. transs. var. glabrata* Podp. *Fl. Mor. Nov. v. m.*
oogn. 8. 1922." cited.
"Svitavy: Božehráni jižně březové Kotouš u Stramberka"
Czechoslovakia

[1]
Melica transylvanica var. *varia* Ledeb. *Fl. Ross.*
4: 397. 1853.

"Hab. in Tauria! (Led.)."

Melica trebinjensis Strobl, *Fl. Ragensb.* 62 (n. ser. 37)
189. 1879.

"Trebinje, Montenegro."
Europe

Melica triflora Bigel. *New England Journ. Med. & Surg.*
5: 334. 1816.

[= *Trisetum spicatum*. In Man.]

Mt. Washington, New Hampshire.

Original description: "villosa, panicula coarctata,
glumis trifloris, corpusculo accessorio; flosculis
aristatis." "August"

In list of plants found "on the uppermost or bald
portion of the mountain" Mt. Washington.
Plants collected in August are from P. Boott. [mis-
placed under *Melica* in Eaton, Man. ed. 2. 317. 1818.
Melica follows (alphabetical order)]

Melica Turczaninowiana (Turcz.) Omei, *Acta Phytotax. &*
Geobot. 1: 142. 1932.

Based on *M. Omei* Turcz. which is based on "*Melica*
flosculis inferioribus....[etc.] Omei. Sib. 1. p. 99.
no. 31. Tab. 19. f. 1." Not *M. Omei* Roth 1789.
Siberia, Asia

Melica typhina Mor. Hém. Soc. Acad. Maine et Loire
1: 91. 1857.

"Egliano." Corse
Corsica

Melica uniflora Retz, Obs. Bot. 1: 10. 1779.

"Habitat in sylvis foliosis Scaniae, vulgaris."
Sweden

Melica uniflora var. *angustumatis* Aschers. & Graebn.
Syn. *Mitteler. Fl.* 2: 353. 1900.

"Bisher nur Waldeck: Arolsen: Kniephölzchen!!
Arnsberg: im Walde bei Heheim (H. Müller!)."

Germany

Melica uniflora var. *autumnalis* f. *depauperata* Neum. &
Ahlfr., *Sverige Fl.* 762. 1902.

"Schweden: Öland, Gotland (non vidi!)"

Melica uniflora f. *glabra* Papp, Bot. Jahrb. Engler
65: 331. 1932.

[many cited from Europe]

"Rumänien: Mehadia (Borbás s.n. 2. VII. 1873, H.B.
Typus!)"

Melica uniflora var. *molle* Papp, Ann. Sci. Univ. Jassy
18: 458. 1933.

"Allemagne: Gölitz, Landskrona, Oberlausitz (S.
Zimmer s.n. 1859, Herb. Berol. Typus!)"

Germany

Melica uniflora var. *pilosa* Papp, Bot. Jahrb. Engler
65: 331. 1932.

[many cited from Europe]

Rumänien: Mehadia (Borbás s.n. 2. VII. 1873, H.B.
Typus!)"

Melica uniflora var. *pilosa* f. *albida* Erik ex Papp,
Bot. Jahrb. Engler 65: 332. 1932.

"Deutschland: Westfalen, Münster (s.n. H. B. Typus!)"
--Poland

Melica uniflora var. *pilosa* f. *glabra* Papp, Bot. Jahrb.
Engler 65: 332. 1932.

[citations from Italy, Greece, Germany, Rumania]

"Rumänien: Breazu, Japi (C. Papp s.n. V. 1926.
Typus!)"

Melica uniflora var. *typica* Papp, Bot. Jahrb. Engler
65: 330. 1932.

"*M. latifolia* Coss. in Herb. Roma"

Europe

Melica valdivina R. A. Phil. Anal. Univ. Chile
48: 572. 1873.

"Mi hijo halló esta *Melica* en el lugar llamado Cani-
guanti en mi fundo de San Juan, provincia de
Valdivia."

Chile

Melica variabilis Schur, *Bum. Fl. Transsilv.* 781, 936
(Index) 1866, as syn. of *Molinia caerulea* Möench

Rumania

Melica vestita Boiss. *Diagn. Fl. Orient. Nov.* 1 (fasc. 7)
125. 1846.

"Hab. in rupestribus alpis Kuh-Dalu Persiae australis
Kotschy no. 414."

Persia

Melica violacea Cav. *Icon. Fl.* 5: 472. 1799.

"Habitat prope Talcahuano in Chile, floretque Feb.
et Martio. Vidi siccam in memorato herbario."

Chile

Melica violacea var. *argentata* Papp, *Repert. Sp. Nov.*
Fedde 25: 123. 1928.

"Chile: Santiago (Philippi no. 1028)."

Melica violacea var. *comersonii* (Nees) Papp, *Repert.*
Sp. Nov. Fedde 25: 123. 1928.

Based on *M. comersonii* Nees

?Chile. Ex Hrbo. Lindley

Melica violacea var. *commutata* (Steud.) Papp, *Repert.*
Sp. Nov. Fedde 25: 123. 1928.

Based on *M. commutata* Steud.

Chile

(*M. violacea* Bert. hrbr. nr. 1140)

Melica violacea var. *glabrior* Papp, *Repert. Sp. Nov.*
Fedde 25: 123. 1928.

"Argentina: Sierra Achala de Córdoba (Hieronymus
s. n. 2. XII. 1878, Typus!)"

Melica violacea var. *palida* E. Desv. in C. Gay *Fl. Chil.*
6: 378. 1853.

"Rancagua (Bertero, 424)."

Chile

Melica virgata Turcz. ex Trin. Hém. Acad. St. Pétersb.
VI. Math. Phys. Mat. 1: 369. 1830.

"*U. spp. transbaical.*"
Siberia.

Melica viridiflora Czern. *Consp. Fl. Urain.* 73 1859,
nom. nud?; ex Nyman, *Consp.* 818. 1882 as syn. of
M. picta K. Koch

U.S.S.R.

Melica viridis Boiss. & Kotschy ex Boiss. *Fl. Orient.*
5: 590. 1864, as syn. of *M. eupani* var. *viridis*
Boiss.

Cited as syn. sub *M. inaequiglumis* Boiss. by Papp
p. 36.
S. W. Asia

Melica weberbaueri Pilger, *Notizbl. Bot. Gart. Berlin*
8: 455. 1923.

"Peru: Dep. Libertad, Prov. Santiago de Chuco....
(Weberbauer n. 7198)."

referred to *M. scabra* Grasses Andes

Melica weberbaueri var. *decolorata* Pilger, *Notizbl. Bot.*
Gart. Berlin 8: 455. 1923.

"Peru: Dep. Arequipa, zwischen Samanco und Caraz, Ha-
zienda Cajabamba....(Weberbauer n. 3034)."

cited sub *M. scabra* Andes Grasses

- Melinis weberbaueri* var. *pilosula* Papp, Repert. Sp. nov. Fedde 25: 133. 1928.

"Peru: Cajamarca (Raimondi no. 195)."

Melinis weberbaueri var. *talcahuanoensis* Papp, Notizbl. Bot. Gart. Berlin 10: 353. fig. 4. 1928.

"Chile: Talcahuano. (ex herb. Thibaud. 1815; Herb. Delessert, Genf.)."

Melinis weberbaueri var. *temuise* Papp, Notizbl. Bot. Gart. Berlin 10: 355. f. 4. 1928.

"Bolivia: Umgebung von La Paz... (Plantae Boliviae, a M. L. Britton et H. Rusby distributas s. n.; Herb. Wien). [coll. Bang]"

Melinis weberbaueri var. *violascens* Pilger, Notizbl. Bot. Gart. Berlin 8: 455. 1923.

"Peru: An der Lima-Oroya-Bahn, zwischen Matucana und Tambo.... (Weberbauer n. 110)."

referred to *M. scabra* in Grasses Andes

Melinis affinis Mez, Bot. Jahrb. Engler 57: 196. 1921.

Südwestafrika (Range n. 1012a (Typus), "--

Melinis ambigua Hack. Oesterr. Bot. Zeitschr. 51: 462. 1901.

"Abyssinia: in monte Amba Harres (2300 m) leg. Schimper ann. 1862; accepi a herb. Mus. berolin. sub nomine *Panicum macrotrichi* Steud. et nro. 800."

Melinis angolensis Rendle, Cat. Afr. Fl. Welw. 2: 290. 1899.

"Fungo Andongo.... Lofty mountains at Pedra de Cabendo in the praesidium No. 2819."

[Welwitsch, Coll.]

Melinis arenaria (Nees) Hack. Oesterr. Bot. Zeitschr. 51: 464. 1901.

Based on *Tricholaena arenaria* Nees

inter Goedemanskraal et Kaus ... (Klein Namaqualand); ad Zilferfontein.... ad Rustbank.... (Drège)

Klein Namaqualand - Southwest Africa

Melinis arenaria var. *glauca* (Hack.) Schinz, Vierteljahr. Nat. Ges. Zürich 56: 72. 1911.

Based on "*Tricholaena arenaria* var. *glauca* Stapf." which is based on *Anthonanthe glauca* Hack.

Gross Namaqualand [or Namaland] (Schenck no. 80) Southwest Africa

Melinis argentea Mez, Bot. Jahrb. Engler 57: 197. 1921.

"Adamawa (Ledermann n. 4943) [Typus]..." Africa

Adamawa - Nigeria; Cameroons west Africa

= *Rhynchelytrum roseum* in Stapf

Melinis ascependens Mez, Bot. Jahrb. Engler 57: 198. 1921.

"Huilla (Dekindt n. 415, Berthe Fritzsche n. 134)" Africa

Angola

Basis of *Rhynchelytrum ascependens* (Mez) Stapf & Hubb.

Melinis Bachmannii Mez, Bot. Jahrb. Engler 57: 198. 1921.

"Pondoland (Bachmann n. 191)" Africa

= *Rhynchelytrum setifolium* (Stapf) Chiov.

S. E. Africa

Melinis Barbeyana Mez, Bot. Jahrb. Engler 57: 196. 1921.

"Arabien (Schweinfurth et Forsk. n. 1345)"

= *Rhynchelytrum villosus* (Pari.) Chiov. in Stapf & Hubb.

Africa

Melinis Bertlingii Mez, Bot. Jahrb. Engler 57: 195. 1921.

"Südwestafrika (Bertling n. Ka---)"

= *Rhynchelytrum villosus* (Pari.) Chiov. in Stapf & Hubb.

Melinis biaristata (Rendle) Stapf & Hubb. Bull. Misc. Inf. Kew 1926: 442. 1926.

Based on *M. minutiflora* var. *biaristata* Rendle

"Tropical Africa: Angola: Fungo Andongo, sandy thickets near the edges of woods near the Quilanga road, Welwitsch 2830."

type of *M. minutiflora* var. *biaristata* Rendle

Angola, Afr.

aff. *M. pallida* Stapf & Hubbard

Melinis brachyrhynchus Mez, Bot. Jahrb. Engler 57: 199. 1921.

"Kamerun: Bambutoberge (Ledermann 1580)" West Africa

= *Rhynchelytrum roseum* in Stapf & Hubb.

Melinis brevipila (Hack.) Hack. Oesterr. Bot. Zeitschr. 51: 464. 1901.

Based on *Tricholaena brevipila* Hack.

= *Rhynchelytrum brevipilum* (Hack.) Chiov. in Stapf & Hubb.

"Standort: Gamo X ab (Gross Namaland)." Southwest Africa

Melinis capensis (Licht.) Hack. Oesterr. Bot. Zeitschr. 51: 464. 1901.

Based on *Tricholaena capensis* Nees which is based on *Panicum capense* Licht.

Southern Africa

Melinis chastophora Mez, Bot. Jahrb. Engler 57: 196. 1921.

"Angola (Antunes n. 395)" Africa

= *Rhynchelytrum bellespicatum* (Rendle) St. & Hubb. in St. & Hubb.

Melinis congesta Mez, Bot. Jahrb. Engler 57: 197. 1921.

"Angola (Weilman n. 1295)" Africa

= *Rhynchelytrum roseum* (Nees) St. & Hubb.

Melinis denudata Mez, Bot. Jahrb. Engler 57: 200. 1921.

"Huilla (Dekindt n. 413)." Angola, Afr.

= *Rhynchelytrum denudatum* (Mez) Stapf & Hubb.

Melinis dimidiata Mez, Bot. Jahrb. Engler 57: 200. 1921.

"Nördl. Nyassaland (Stolz n. 1299, 1341)." Nyassaland, East Afr.

Stolz 1299 = *Melinis ambigua* Hack.--Stapf & Hubb.

Melinis effusa (Rendle) Stapf, Kew Bull. Misc. Inf. 1926: 444. 1926.

"[Given without basis by Stapf in Kew Bull. Misc. Inf. 1922: 310. 1922 with the following note: 'It was discovered by Welwitsch in ... sandy wooded places' in Fungo Andongo and in 'poor soil in sunny places' in Golungo Alto in 1857 and 1855. Then in 1900 J. Gillet found it near Kisantu and R. F. Butaye in neighbourhood of M' Lemfu.... Belgian Congo.]"

Based on *Melinis minutiflora* var. *effusa* Rendle aff. *M. tenuissima* Stapf

Melinis Eichingeri Mez, Bot. Jahrb. Engler 57: 200. 1921.

"Ostafrika (Amani Inst. herb. n. 3332.)"

= *Tricholaena eichingeri* (Mez) Stapf & Hubb.

Melinis ejubata Mez, Engler Bot. Jahrb. 57: 196. 1921.

"Südwestafrika (Engler n. 6371, Dinter n. 2435, 2479, Walbel n. 154.) St. & Hubb. take "2435 as type" and type of *R. costatum*. Referred to *Rhynchelytrum costatum* Stapf & Hubb. 1930.

T

Melinis Eylesii Stapf & C. E. Hubb. Kew Bull. Misc. Inf. 1926: 441. 1926.

"Tropical Africa. Rhodesia: Salisbury. ... Eyles 2276 (type)"

aff. *M. ambigua*

Melinis glabra (Stapf) Hack. Oesterr. Bot. Zeitschr. 51: 464. 1901.

Based on *Tricholaena glabra* Stapf

= *T. monachae* (Trin.) Stapf & Hubb.

"Eastern Region: Natal.... near Tugela River.... Buchanan 2591 Holpmaakar Spruit, Potgeiter's Rust" (in Natal?), Nelson 23!"

Melinis Goetzenii Mez, Bot. Jahrb. Engler 57: 198. 1921.

"Zentralafrika (Graf Goetzen n. 22)"

Melinis Gossweileri C. E. Hubb. Kew Bull. Misc. Inf. 1934: 113. 1934.

"Angola: Mossamedes; Huilla, 1500 m., 1931, Gossweiler 9408."

aff. *M. macrochaeta* Stapf & Hubbard

Melinis grandiflora (Hochst.) Hack. Oesterr. Bot. Zeitschr. 51: 464. 1901.

Based on *Rhynchelytrum grandiflorum* Hochst.

= " " " " in Stapf & Hubb.

"In pll. exsicc. Fl. Aethiopiae Kotachyi nr. 376)"

"Habitat inter Corosco et Berber"

Africa

Melinis hirsuta Mez, Bot. Jahrb. Engler 57: 201. 1921.

"Südwestafrika (Dinter n. 2394)." [diseased specimen of *Melinis ambigua* Hack. fide Stapf, Fl. Cap. 922]

Melinis inaequalis Pilger, Notizbl. Bot. Gart. Berlin
13: 262. 1936.

"Bez. Iringa: Strömgebiet des oberen Ruhudje, Landschaft Lupembe, nördlich des Flusses, Ngololo (Apr. 1931--Schlössen n. 736.)"

Aff. *M. mollis* Stapf & Hubb.

Melinis intermedia Stapf & C. E. Hubb. in Frain, Fl.
Trop. Afr. 9: 922. 1930.

"Mozambique Distr. Tanganyika Territory: Iringa Province; Mbozi region of Mbeya district, Jacobsen 26."

Africa

Melinis leucantha (A. Rich.) Chiov. Ann. Ist. Bot.
Roma 8: 308. 1908.

Based on [*Panicum leucanthum* A. Rich.]

= *Tricholaena*

Chiré (Quartin Dillon) et in convalle fluvii Tacassé prope Tôhélatôhéranne (Schimper)

Ethiopia

Melinis longicauda (Mez) Mez ex Stapf & C. E. Hubb. in
Frain, Fl. Trop. Afr. 9: 919. 1930.

Based on *Panicum longicaudum* Mez ex Stapf

Tanganyika, Africa

Melinis macrochaeta Stapf & C. E. Hubb. Bull. Misc. Inf.
Kew 1926: 443. 1926.

"Tropical Africa. N. Nigeria: Lely 785 (type)"

aff. *M. tenuinervi* Stapf

Melinis maitlandii Stapf & C. E. Hubb. Kew Bull. Misc.
Inf. 1926: 445. 1926.

"Tropical Africa. Uganda: Bufenira Islands, Sesse ...
Maitland 360 (type)."

aff. *M. tenuinervi* Stapf

Melinis maitlandii f. *mutica* (Chiov.) Robyns, Bull.
Jard. Bot. Brux. 9: 197. 1932.

Based on "*Melinis minutiflora* var. *pilosa* forma
mutica Chiov. nuov. Giorn. Bot. Ital., Nuov. Ser.
XXVI, p. 79 (1919)."

Melinis merkeri Mez, Bot. Jahrb. Engler 57: 199. 1921.

"Ostafrika (Marker n. 198)"

Basis of *Rhynchelytrum merkeri* (Mez) St. & Hubb.

Melinis microstachya (Balf. f.) Haack. Oesterr. Bot.
Zeitschr. 51: 464. 1901.

Based on *Rhynchelytrum microstachyum* Balf. f.

Socotra, apud Galonsir et Tamarida B.C.S. [Balfour,
Cookburn & Scott] Nos. 124, 254. Schweinf. no. 467.
Islands of Indian Ocean

Melinis minutiflora Beauv. Ess. Agrost. 54. pl. 11. f. 4.
1812.

"---Croft à Rio-Janeiro.---communiqué par M. de
Jussieu."

Brazil

Man. U. S.

Melinis minutiflora var. *biaristata* Bandle, Cat. Afr.
Fl. Welw. 24: 200. 1899.

"Pungo Andongo.---Sandy thickets near the edges of
woods hard by the Quilanga road...No. 2830."
[Welwitsch, Coll.]

Angola Afr.

Melinis minutiflora var. *effusa* Bandle, Cat. Afr. Fl.
Welw. 24: 200. 1899.

"Pungo Andongo.---Common in sandy wooded places near
Luxillo and Cazella...No. 2831.
Golungo Alto...No. 2958. No. 2973."
[Welwitsch, Coll.]

Angola, Africa

Melinis minutiflora var. *glutinosa* (Nees) Kuntze, Rev.
Gen. Pl. 34: 356. 1898.

Based on *Tristegia glutinosa* Nees

"Habitat in Brasilia?"

= *M. minutiflora*

Melinis minutiflora var. *inodora* Kuntze, Rev. Gen. Pl.
34: 356. 1898.

"Bolivia: Tiefland Velasco. Brasilia: Mattogrosso,
Itatiaia."

Mentioned by Hitchc. in Grass. Ecuador, etc., but
not seen by him.

Melinis minutiflora var. *mutica* Haack. Sitzungsab. Akad.
Wiss. Math. Naturw. (Wien) 89: 126. 1884.

"Madagascar centralis: Inerina in solo fertili leg.
J. M. Hildebrandt nr. 3998 (Mart. 1881)."

T in U. S. Hb.

Africa

Melinis minutiflora var. *pilosa* Stapf in Thieselt.-Dyer,
Fl. Cap. 7: 447. 1899.

"Natal; near Upumulo hills, 2000-2500 ft.,
Buchanan 299! Africa"

Melinis minutiflora var. *pilosa* f. *aristata* Chiov. Nuov.
Giorn. Bot. Ital. n. ser. 26: 78. 1919.

"Plateaux des Biancos.---II 1916 II n. 72; Kapiri III
1913. (I n. 30). II Dott. Bovone."

Tanganyika, Africa

Melinis minutiflora var. *pilosa* f. *mutica* Chiov. Nuov.
Giorn. Bot. Ital. n. ser. 26: 79. 1919.

Haut Marungu, lac Tanganyika---VII 1914 (II n. 55.)

Africa

Melinis mollis Stapf & C. E. Hubb. Kew Bull. Misc. Inf.
1926: 440. 1926.

"Tropical Africa. Angola: Cuanza Norte, Cassalala,
near the river Lukala...Gossweiler 8925."

aff. *M. Goetzei* Mez

Melinis monachna (Trin.) Pilger, Bot. Jahrb. Engler
33: 51. 1902.

Based on *Panicum monachna* Trin.

= *Tricholaena monachna* (Trin.) Stapf & Hubb.

Insula Bourbonia
Reunion Isl., Afr.

Melinis Münzneri Mez, Bot. Jahrb. Engler 57: 198. 1921.

"Nordl. Nyassaland (Münzner n. 205)" Africa

Nyassaland
East Africa

= *Rhynchelytrum nerviglume* (Franh) Chiov.

Melinis mutica Mez, Bot. Jahrb. Engler 57: 197. 1921.

"Südwestafrika (Dinter n. 2478)"

= *Rhynchelytrum villosum* (Pari.) Chiov. in Stapf &
Hubb.

Melinis nigricans Mez, Bot. Jahrb. Engler 57: 198. 1921.

"Huilla (Dekindt n. 412)" Africa

Angola, Afr.

Basis of *Rhynchelytrum nigricans* (Mez) Stapf & Hubb.

Melinis nitens Mez, Bot. Jahrb. Engler 57: 198. 1921.

"Kilimandschargebiet (von Uhlig lebend in den
Berliner Garten---[Typus]---"

Tanganyika East Africa

= *Rhynchelytrum roseum* (Nees) Stapf & Hubb.

Melinis nyassana Mez, Bot. Jahrb. Engler 57: 199. 1921.

"Nordl. Nyassaland (Stolz n. 1095)" Africa

Basis of *Rhynchelytrum nyassanum* (Mez) Stapf & Hubb.

Nyassaland, E. Afr.

Melinis otaviensis Mez, Bot. Jahrb. Engler 57: 195.
1921.

"Südwestafrika (Morgenstern)"

= *Rhynchelytrum brevipilum* (Haack.) Chiov. in Stapf
& Hubb.

Africa

Melinis pallida Stapf & C. E. Hubb. Kew Bull. Misc. Inf.
1926: 442. 1926.

"Tropical Africa. Angola: Huilla, Mounyino, forest
glades, ...Dekindt 419. (type in Herb. Berol.)"

aff. *M. cylesii* Stapf

Melinis paupera Mez, Bot. Jahrb. Engler 57: 199. 1921.

"Ostafrika (Amani Inst. herb. n. 2325)"

= *Rhynchelytrum roseum* (Nees) St. & Hubb.

Melinis pulchra Mez, Bot. Jahrb. Engler 57: 196. 1921.

"Südwestafrika (Dinter n. 2477, Walbal n. 57, 96)"

= *Rhynchelytrum villosum* (Pari.) Chiov. in St. &
Hubb.

Melinis purpurea Stapf & C. E. Hubb. Kew Bull. Misc.
Inf. 1926: 444. 1926.

"Tropical Africa. Tanganyika Territory: Rungwe Mt.,
eastern flank, near Huakaleli, ...Stolz 1341."

Aff. *M. tenuinervi* Stapf

Melinis Rangei Mez, Bot. Jahrb. Engler 57: 195. 1921.

"Südwestafrika (Range n. 1012)"

= *Rhynchelytrum villosum* (Pari.) Chiov. in Stapf &
Hubb.

Melinis reynaudioides Mez, Wiss. Ergebnisse Zweite
Deutsche Zentral-Afrika 1910/11. Bd. II. Botanik
160. 1922.

Name only

Lower Guinea. Annobon: on lava cliffs,
Mildbraed 6762.

Basis of new subgenus of *Melinis*--

Reynaudiopsis --fide Stapf & Hubb. Fl. Trop. Afr.
9: 933. 1930.

Melinis rosea (Nees) Haack. Oesterr. Bot. Zeitschr. 51:
464. 1901.

Based on *Tricholaena rosea* Nees

= *Rhynchelytrum roseum* (Nees) Stapf & Hubb.

"Capens. Drège"

Southern Africa

Melinis ruficoma (Hochst.) Chiov. Ann. Bot. Roma
5: 62. 1906.

Based on *Rhynohelytrum ruficomum* Hochst. ex Steud.
Syn. Fl. Glum. 1: 120. 1854.

Tricholaena ruficoma (Hochst.) Hack. Bot. Soc.
Broteriana 6: 142. 1888; Dur. & Schinz. Conspect. Fl.
Africa 5: 770. 1894.

"probably referable to *R. villosus* (Parl.) Chiov."-
Stapf & Hubb.

Nubia (e seminibus a Schimper missis culta in Horto
beat. Comitis Alex. v. Wurttemberg).

Anglo Egyptian Sudan

Melinis scabrida (Schum.) Hack. Oesterr. Bot. Zeitschr.

51: 464. 1901.

Based on *Tricholaena scabrida* Schum.

= *Rhynohelytrum scabridum* (Schum.) Chiov.

"Usagara-Usambara, Volkens n. 28.
Kilimandscharo.--(Huika-Landschaft-Volkens 1814)

Melinis secunda Mez, Bot. Jahrb. Engler 57: 197. 1921.

"Südwestafrika (Dinter n. 2434, 2547)"

= *Rhynohelytrum bellespicatum* (Rendle) Stapf & Hubb.

Melinis Seineri Mez, Bot. Jahrb. Engler 57: 195. 1921.

"Südwestafrika (Seiner n. 131, 167, 198, 307, 425 --"
Africa

Melinis setifolia (Stapf) Hack. Oesterr. Bot. Zeitschr.

51: 464. 1901.

Based on *Tricholaena setifolia* Stapf

= *Rhynohelytrum setifolia* (Stapf) Chiovenda in Stapf
& Hubb.

A number of specimens cited under "Coast Region:..."
Central Region:...Kalahari Region:..."
Eastern Region:..."

Africa

Melinis somaliensis Mez, Bot. Jahrb. Engler 57: 200.

1921.

"-----Somaland (Defflers n. 56, Ellenbeck n. 76,
Hildebrandt n. 747, 1479, Schweinfurth ed. Barbey
n. 13, Sunt n. 335)." Africa.

*cited sub *T. leucantha* by Stapf & Hubb.

"= *Tricholaena teneriffae* Parl. partly" in Stapf &
Hubb.

T. leucantha Hochst. in part in Stapf & Hubb.

Melinis Stolsii Mez, Bot. Jahrb. Engler 57: 199. 1921.

"Nördl. Nyassaland (Stolz n. 1303)" Africa.

Nyassaland, East Afr.

Rhynohelytrum (Mez) Stapf & Hubb. in Stapf & Hubb.

Melinis subglabra Mez, Bot. Jahrb. Engler 57: 197. 1921.

"Nördl. Nyassaland (Stolz n. 1298)" Africa

Basis of *Rhynohelytrum subglabrum* (Mez) Stapf & Hubb.

Nyassaland, East Afr.

Melinis Teneriffae (L.f.) Hack. Oesterr. Bot. Zeitschr.

51: 464. 1901.

Based on *Baccharum Teneriffae* L.f.

= *Tricholaena teneriffae* (L.f.) Parl. in Stapf &
Hubb.

in Teneriffs. Fr. Masson.

Canary Islands

Melinis tenuinervis (Stapf) Stapf, Kew Bull. Misc. Inf.

1922: 310. 1922, without descr.; Stapf in Stapf &
Hubb. in Frain, Fl. Trop. Afr. 9: 929. 1930.

(Specimens cited under this without descr. Peter,
Repert. Sp. Nov. Fedde 40(Beih.): 156. 1930.)

Based on *M. minutiflora* var. *pilosa* Stapf

Natal: near Umpumulo hills...Buchanan 299.

Africa

Melinis tenuinervis var. *parvispicula* Peter, Repert. Sp.

Nov. Fedde 40(Beih.): 157, 1930, without descr.

Spec. cited: Deutsch-Ost. Afr. Usambara: ...Peter
17008.--Kilimandscharo: Moschi → Marangu (Peter 525)
Konde: Kyimbila, Rungwe....(Stolz 1302)

Tanganyika, Afr.

Melinis tenuissima Stapf in Hook. Icon. Fl. 27: pl.

2660. 1900.

"K. J. Cameron, 33."

"South Africa: Nyasaland, Namasu."

Melinis tenuissima var. *abyssinica* Stapf in Hook. Icon.

Fl. 27: pl. 2660. 1900.

"A specimen collected by Schimper in Abyssinia,
probably in Begemeder, no. 1410 of the 1863 collec-
tion."

= *M. tenuissima* Stapf in Stapf & Hubb. p. 926.

Melinis tomentosa Rendle, Cat. Afr. Fl. Welw. 2: 201.

1899.

"Pungo Andongo.--On the lofty rocks of Pedra Cabondo
....No. 2717." [Melwitsch]

Basis of *Rhynohelytrum tomentosum* (Rendle) Stapf &
Hubb.

Angola, Africa

Melinis trichotoma Mez, Bot. Jahrb. Engler 57: 200. 1921

"Südwestafrika (Morgenstern, Bertling n. IV. Dinter
n. 1572, Waibel n. 135)"

= *Tricholaena monachina* (Trin.) Stapf & Hubb. p. 909.

Melinis ugandensis Mez, Bot. Jahrb. Engler 57: 200.

1921.

"Ostafrika (Sharp n. 2746)"

= *Rhynohelytrum roseum* (Nees) Stapf & Hubb. p. 882

Melinis vestita (Balf. f.) Chiov. Fl. Somalia 332. 1929.

Based on *Eriochloa vestita* Balf. f.

Tricholaena vestita (Balf.) Stapf & Hubb. p. 912

Islands of Indian Ocean

Socotra....Balfour, Cockburn & Scott 574

Melinis villosa (Parl.) Hack. Oesterr. Bot. Zeitschr.

51: 464. 1901.

Based on *Monachylon villosum* Parl.

= *Rhynohelytrum villosum* (Parl.) Chiov. in Stapf &
Hubb.

ins. S. Jacobi (J. D. Hooker)

Cape Verde Islands

Melinis villosipes Mez, Bot. Jahrb. Engler 57: 199.

1921.

"Südl. Nyassaland (Buchanan n. 244 e.p.) Nördl.
Nyassaland (Stolz n. 967)" Africa

ref. to *Rhynohelytrum nerviglume* (Franch.) Chiov. in
Stapf & Hubb.

East Africa

Melinis welwitschii Rendle, Cat. Afr. Fl. Welw. 2: 201.
1899.

"Pungo Andongo....On the most lofty rocks of the
praesidium....No. 7390." [Melwitsch, Collector]

Angola

basis of *Rhynohelytrum welwitschii* (Rendle) Stapf &
Hubb.

Melinis wightii (Nees) Hack. Oesterr. Bot. Zeitschr.

51: 464. 1901.

Tricholaena Wightii Nees & Arn.]

[*Tricholaena wightii* Nees & Arn. ex Lisboa, Journ.
Bomb. Nat. Hist. Soc. 5: 347. 1890, described.]

Rhynohelytrum villosum (Parl.) Chiov. in Stapf &
Hubb.

India

Melinis palustre (L.) Link, Handb. Erkenn. Gewächse.

1: 96. 1829.

Based on *Zizania palustris* L.

Man. U. S.

= *Zizania aquatica* var. *angustifolia* Hitchc.

Melocalanus compactiflorus (Kurz) Benth. in Benth. &

Hook. Gen. Fl. 3: 1212. 1883, sp. mentioned under
Latin description of genus.

Presumably based on *Pseudostachyum compactiflorum*
Kurz

= *Dinorchloa compactiflorum* (Kurz) McClure fide M.C.

Melocanna arundina C. E. Parkinson, Ind. Forest

61: 326. 1935.

Based on *Melocanna humilis* Kurz not Roepert. in Trin.
as syn. of *Arundarbor Cratium* Rumph. Amboin. 4: esp.
2: 5. pre-Linnaean.

Herbarium specimens seen:--

"S. Kurz No. 3177, Wanet, 3, Jan. 1871 (in Herb.
Calcutta)
C. E. Parkinson no. 1773, Pyinmadaw forests east
of Wanetchaung railway Station, 10 Dec. 1928."

India

(*Arundo* Fax Lour.) = *Bambusa Fax* (Lour) Poir. ex
Steud. see Merrill, Loureiro Fl. Cochino. Trans. Am.
Phil. Soc. n. ser. 24: 82. 1935.

[Roxb.]

Melocanna baccifera Kurz, Prelim. Rep. For. Veg. Pegu

App. B. 94, in Key 1875.

Presumably based on "*Bambusa baccifera* Roxb." but
this not mentioned.

[Burma]

However, see Trinius, in Sprengel, Neue Entd. 2: 42.
1821. where *Bambusa baccifera* Roxb. is given as
synonym of *Melocanna bambusoides* Trin. Kurz, op. cit.
page 137, uses *Melocanna bambusoides* Trin. for this
species.

Melocanna bambusoides (Roxb.) Trin. in Spreng. Neue

Entd. 2: 43. 1821.

Based on "*Bambusa baccifera* Roxb."

Chittagong Mts.

Bengal

= *Melocanna baccifera* (Roxb.) Kurz.

Melocanna blumei Kurz in Teysm. & Binn. Cat. Hort.

Bogor. 20. 1866, nom. nud.

var. *major* nom. nud. l.c.

minor " " l.c.

"silicosa Kurz in Teysm. & Binn. nom. nud. l.c.

Melocanna brachyolada Kurz in Teysm. & Binn. Cat. Hort.

Bogor. 20. 1866, nom. nud.

Java cult.

Melocanna brachyolada var. *lutes* Kurz in Teyss. & Binn.
Cat. Hort. Bogor. 20. 1866, nom. nud.

Java cult.

Melocanna brachyolada var. *viridis* Kurz; ex Teijsm.
& Binn. Cat. Hort. Bogor 20. 1866, nom. nud.

Melocanna elegantissima Kurz in Teyss. & Binn. Cat. Hort.
Bogor. 20. 1866, nom. nud.

Java "cult

Melocanna excelsa Boep. ex Trin. Clav. Agrost. 105. 397.
1822, as syn. of *Arundarbor maxima* Rumph.

105: *Melocanna bambusoides* Trin. in Spreng. Neue Ent-
deck. Pflanz. 2: 43. 1821.

397: *Melocanna excelsa* Boep. Rheed. 82.--Mor[rison]
82. Rumph. 60. pre-Linnaean
= *Bambusa maxima* fide McC. cards.

Melocanna gracilis Kurz in Teyss. & Binn. Cat. Hort.
Bogor. 20. 1866, nom. nud.; ex Munro Trans. Linn.
Soc. 26: 133. 1868.

Kurz in Munro, Journ. Asia. Soc. Bengal 39(2): 88.
1870. adnot. crit.

"Hab. in Singapore, 5032! Walllich; Java, hort. Bogor.
et Calo. Bot. Gard., Kurz v.s."

Melocanna hasskarliana Kurz in Teyss. & Binn. Cat.
Hort. Bogor. 20. 1866, nom. nud.

Java cult

Melocanna humilis Boep. ex Trin. Clav. Agrost. 105.
1822, as syn. of *Arundarbor oratium* Rumph. Amb. Tom.
IV. Cap. 2. p. 5. (Arundo Fax Lour.)
East Indies

Melocanna humilis Kurz, Journ. Asiat. Soc. Bengal
42: 251. 1873. see card for *M. arundina* C. E.
Parkinson

"Pegu, Arracan." Burma

Melocanna ? *kurzii* Munro, Trans. Linn. Soc. 26: 134.
1868; Kurz, Journ. Asia. Soc. Bengal 39(2): 89.
1870 [critical note]

"Hab. in ins. Andaman, Kurz. v.s."

East Indies

Melocanna longispiculata Kurz in Teyss. & Binn. Cat.
Hort. Bogor. 20. 1866, nom. nud.

Java cult

Melocanna Rheedii Steud. Syn. Fl. Glum. 1: 332. 1854.

"Rheed Mal. V. t. 60...Ind. or." cited.

East Indies

= *M. bambusoides*

Melocanna serpentine Kurz in Teyss. & Binn. Cat. Hort.
Bogor. 20. 1866, nom. nud.

Java Cult.

Melocanna tenuispiculata Kurz in Teyss. & Binn. Cat.
Hort. Bogor 20. 1866, nom. nud.

Java Cult.

Melocanna travancorica (Bedd.) F. Muell. Sel. Pl.
Indust. Cult. 75. 1872.

Based on "*Beesha travancorica* Bedd."

East Indies

Melocanna virgata Munro, Trans. Linn. Soc. 26: 133.
1868.

"Hab. in Ind. or. Burmah, Keouksik ad fluv. Mogong,
Griffith. v.s."

Melocanna sollingeri (Steud.) Kurz in Teyss. & Binn.
Cat. Hort. Bogor. 20. 1866, nom. nud.; in Munro,
Trans. Linn. Soc. 26: 134. 1868.

"Kurz, Ms. in hb."

Based on "*Schizostachyum sollingeri* Steud."

Java

Melocanna sollingeri var. *brachyolada* Kurz in Munro,
Trans. Linn. Soc. 26: 134. 1868.

"Buitenzorg" Java

Melocanna sollingeri var. *longispiculata* Kurz in Munro,
Trans. Linn. Soc. 26: 134. 1868.

"...hort. Bogor, Kurz. v.s."

Java

Melocanna sollingeri var. *minor* Kurz in Teyss. & Binn.
Cat. Hort. Bogor. 20. 1866, nom. nud.

Java

Meoschium aristatum (L.) Beauv. Ess. Agrost. 111. 167.
1812.

Based on *Ischaemum aristatum* [L.]

China, Osbeck

Meoschium arnotianum Nees, Nov. Act. Acad. Caes. Leop.
Carol. 19: Suppl. 1: 66. 1841; 198. 1843.

"N. ab E. in Wight. Cat. n. 1720."

"Peninsula Indiae orientalis; ad Madras, Mrs.
Griffiths in Herb. Lindl."

Meoschium australe (R. Br.) Beauv. ex Roem. & Schult.
Syst. Veg. 2: 790. 1817.

Based on "*Ischaemum australe* R. Br."

Australia

Meoschium barbatum (Retz.) Beauv. Ess. Agrost. 111,
167. 1812.

Based on *Ischaemum barbatum* Retz.

= "aristatum Retz.

Java---D. Wennerberg

Meoschium ciliare Beauv. Ess. Agrost. 111, 167. 1812.

Based on *Ischaemum ciliare* [Retz.]

China

Meoschium elatum Nees ex Steud. Syn. Fl. Glum. 1: 376,
456. 1854, as syn. of *Andropogon elatus* Steud.

= *Ischaemum aristatum* var. *elatum* (Nees) Hack.

India

Meoschium elegans (Roth) Walk.-Arn. & Nees, Nov. Act.
Acad. Caes. Leop. Carol. 19: Suppl. 1: 67. 1841;
199. 1843.

Based on *Thelepogon elegans* Roth
India, Heyne

Meoschium griffithii Nees & Arn. in Ann. Nat. Hist.
Ser. I. 1: 284. 1838.

= *Ischaemum rugosum* var. *arnottianum* (Nees) Hack. in
Hack. Monogr. p. 208.

"Madras, Mr. Griffiths."

Meoschium lodiculare Nees in Hook. & Arn. Bot. Beechey
Voy. 246. 1838.

"N. ab E. in Herb. Lindl."

"Hab. In vicinia Macao urbis inque insulis adjectis;
Meyen; Millett; G. H. Vachell, n. 47.b."

Basis of *Ischaemum aristatum* ssp. *barbatum* var.
lodiculare Hack.

China

Meoschium Meyenianum Nees, Nov. Act. Acad. Caes. Leop.
Carol. 19: Suppl. 1: 65. 1841; 197. 1843.

"Ad Promontorium Syng-moon"

Basis of *Ischaemum* ssp. *barbatum* var. *Meyenianum*
(Nees) Hack.

China

Meoschium monostachys Wight & Arn. ex Steud. Syn. Fl.
Glum. 1: 369, 456. 1854, as syn. *Andropogon*
monostachys Steud.

Referred to *Ischaemum aristatum* ssp. *inberbe* var.
fallax Hack. p. 204.

Meoschium neesianum Arn. ex Steud. Syn. Fl. Glum.
1: 375. 1854, as syn. *Andropogon esenbeckii* Steud.

= *Ischaemum aristatum* ssp. *barbatum* var. *elatum*
(Nees) Hack.

India

Meoschium palisoti Hochst. Flora 39: 110. 1856.
based on plate 21. f. 9 Beauv. Atlas. (*Callodes dis-*
ticha Cavan) see Flora 39: 111 also.

= *Ischaemum rugosum* Salisb. var. *segetum* in Hack.
Monogr. p. 208.

See *Ischaemum palisoti* Hochst based on same plate
21. f. 9.

Philippines

Meoschium royleanum Nees ex Steud. in Royle. Illust.
Bot. Himalayan Mts. & Pl. Cashmere 1: 417. 1839.
nom. nud.; Syn. Fl. Glum. 1: 375. 1854, as syn.
Andropogon tong-dong Steud.

= *Ischaemum rugosum*

Deyra Doon, India

[Boyle... "regrets that want of space has compelled
him to omit the characters of [*Oramineae*, named by
Prof. Nees von Esenbach] which he has therefore made
over to the Linnean Society." p. VIII. 1839.

Unpublished so far as I can learn. A.C.]

1855

Meoschium rugosum (Salisb.) Nees, Nov. Act. Acad. Caes.
Leop. Carol. 19: Suppl. 1: 68. 1841; 200. 1843.

Based on *Ischaemum rugosum* Salisb. Io. I. t. 1.

India

Meoschium ? *semisagittatum* Schult. Mant. 2: 435. 1824.

Based on "*Ischaemum semisagittatum* Roxb."

"

India

(R.Br.)

Meoschium triticeum Beauv. ex Roem. & Schult. Syst. Veg. 2: 790. 1817.

Based on *Ischaemum triticeum* R. Br.
"Nova Hollandia intra tropicum"
Australia

Meoschium villosum (R. Br.) Beauv. ex Roem. & Schult. Syst. Veg. 2: 790. 1817.

Based on *Ischaemum villosum* R. Br.
Australia

Meoschium wightianum Nees in Nov. Act. Nat. Cur. 19: Suppl. 1: 199. 1843, as syn. *Meoschium elegans* W.-Arn.

= *Ischaemum rugosum* var. *segetum* (Trin.) Hack.
India

Merathrepta americana (Scribn.) Piper, Contr. U. S. Nat. Herb. 11: 123. 1906.

Based on *Danthonia americana* Scribn.
= *Hitchc.* *californica* var. *americana* (Scribn.)
this based on *D. grandiflora* Phil.
Man. U. S.

Merathrepta californica (Bolander) Piper, Contr. U. S. Nat. Herb. 11: 122. 1906.

Based on *Danthonia californica* Bolander
San Francisco, Cal.
Man. U. S.

Merathrepta compressa (Austin) Heller, Muhlenbergia 5: 120. 1909.

Based on *Danthonia compressa* Austin
" " " " " " " " " " " "
Man. U. S.
Herkimer Co., N. Y.

Merathrepta intermedia (Vasey) Piper, Contr. U. S. Nat. Herb. 11: 122. 1906.

Based on *Danthonia intermedia* Vasey
" " " " " " " " " " " "
Man. U. S.
Calif. Rocky Mts. Brit. America - Mt. Albert
type

Merathrepta intermedia var. *ousiokii* (Williams) Piper, Contr. U. S. Nat. Herb. 11: 122. 1906.

Based on *Danthonia intermedia* var. *ousiokii* Williams
Oregon, Ousiock 2427.
= *Danthonia intermedia* Vasey
Man. U. S.

Merathrepta Parryi (Scribn.) Heller, Muhlenbergia 5: 120. 1909.

Based on *Danthonia Parryi* Scribn.
" " " " " " " " " " " "
Man. U. S.
Colorado

Merathrepta pinetorum Piper, Contr. U. S. Nat. Herb. 11: 122. 1906.

Mason Co., Washington, Piper 943.
Danthonia spicata *pinetorum* Piper
= *D. spicata*
Man. U. S.

Merathrepta sericea (Nutt.) Heller, Muhlenbergia 5: 120. 1909.

Based on *Danthonia sericea* Nutt.
" " " " " " " " " " " "
Man. U. S.
Carolina to Florida

Merathrepta spicata Raf. (in Ser. Bull. Bot. 1: 221. 1830) Jacks. Ind. Kew 2: 211. 1894.

[Rafinesque described the genus and cited *Avena spicata* but did not make a new combination]
Man. U. S.

Merathrepta thermale (Scribn.) Heller, Muhlenbergia 5: 120. 1909.

Based on *Danthonia thermale* Scribn.
= *D. spicata*
Man. U. S.
Yellowstone Park
A. & E. Nelson 6140.

Merathrepta thermale var. *pinetorum* Piper ex Fedde & Schust. in Just's Bot. Jahresb. 37: 128. 1911.

Incorrectly referred to Heller in Muhlenbergia 5: 120. 1909.

Based on *Danthonia spicata* var. *pinetorum* Piper
" " " " " " " " " " " "
Man. U. S.

Merathrepta unispicata (Thurb.) Piper, Contr. Nat. Herb. 11: 123. 1906.

Based on *Danthonia unispicata* (Thurb.) Munro.
= *D. spicata* (L.) Beauv.
Man. U. S.
California

Meringurus africanus Murb. Act. Univ. Lund. Afd. 2. 38: 27. pl. 15. 1900.

[same as *Acta Reg. Soc. Physiogr. Lund* 11]

"Tunisie moyenne: El Kef, coteaux calcaires au-dessous de la ville et tout près de la route de Maktar; à 650 m."

Tunis. Africa

Merisachne drummondii Steud. Flora 33: 228. 1850, nom. nud.; Syn. Fl. Glum. 1: 117. 1854.

"Drummond Hbr. nr. 330. Texas."
= *Triplasis purpurea*
Man. U. S.

Merostachys anomala Dutra, Rev. Sudamer. Bot. 5: 151. f. 3. 1938.

"Habitat in Silva primaria ad medium altitudinem; in Serra Geral."
An *Merostachys Selloi* Munro?
An " *Claussenii* var. *mollior* Doell?
Brazil

Merostachys argyromema Lindm. Svensk. Vet. Akad. Handl. 34(6): 22. pl. 15. 1900.

"Hab. in Brasilia...1875, Mosén 3726."

Merostachys bradei Pilger, Notizbl. Bot. Gart. Berlin 10: 114. 1927.

"Brasilien: São Paulo, Iguapé 300 m. u. m., Serrinhas (mit junger Frucht im September 1926-- A. C. Brade n. 8462)."

Merostachys brevispica Munro, Trans. Linn. Soc. 26: 49. 1868.

"Hab. in Peruvia prope Tarapoto!, Spruce in herb. Bentham. v.s."

Merostachys burchellii Munro, Trans. Linn. Soc. 26: 51. 1868.

See also Dutra, Rev. Sudamer. Bot. 5: 150. 1938, flowering Spec.

"Hab. in Brasilia australi pr. Santos....no. 3243! Burchell v.s."

Merostachys ? capitata Hook. Icon. Fl. pl. 273-274. 1840. see *Athrostachys capitata*

"Hab. Common in low woods about Rio. Mr. Gardner (n. 136) South Brazil. Tweedie (n. 1324)."

Merostachys capitata var. *angustifolia* Doell. in Mart. Fl. Bras. 2: 217. 1880.

"Varietatis β specimina, quantum scio, nominis a cl. Riedel lecta."

Brazil

Merostachys capitata var. *latifolia* Doell. in Mart. Fl. Bras. 2: 217. 1880.

[= the species itself]

Rio de Janeiro....Corcovado (Biedel, Gardner n. 136); ad Rio de Janeiro pr. Aqueductum, (Burchell n. 1279) prope Tejuco (Casaretto n. 576)

Brazil

Merostachys cirrhosa Nees ex Munro, Trans. Linn. Soc. 26: 48. 1868, as syn. of *M. speciosa* Spreng.... non Kth.

Merostachys clausenii Munro, Trans. Linn. Soc. 26: 48. 1868.

"Hab. In Brasilia: Minas Geraes! Clausen; Organ Mont., Wilkes!no. 4238! Miers v.s."

Merostachys clausenii var. *mollior* Doell. in Mart. Fl. Bras. 2: 214. 1880.

"Habitat ad Caldas prov. Minarum (Regnell III. n. 1425)."

Merostachys exserta Munro ex E. G. Camus, Bamb. Monogr. 74. Atlas pl. 44. f. A. 1913.

"Brésil: Province de Minas Geraes. (Auguste de Saint-Hilaire, 1816 à 1821; Cat. D., no. 713)."

Merostachys fischeriana Rupr. ex Doell. in Mart. Fl. Bras. 2: 215. 1880.

"Habitat in collibus silvaticis prope S. Luzia prov. Minarum (Biedel n. 2986)."

Brazil

Merostachys fistulosa Doell. in Mart. Fl. Bras. 2: 209. 1880.

"Habitat ad Caldas prov. Minarum (Regnell III n. 1424)."

Brazil

Merostachys kunthii Rupr. Mém. Acad. St. Pétersb. VI. Sci. Nat. 3: 127. pl. 10. f. 30. 1839.

Based on "*M. speciosa* Kunth" [Spreng. misappl. by]

Brazil

Ill. in Kunth, Rev. Gram. 1: 139. 1829, as *M. speciosa* Spreng.

Merostachys multiramea Hack. Repert. Sp. Nov. Fedde 7: 326. 1909.

"Brasilia, Rio Grande do Sul, Municipio Rio Pardo, Fazenda Itacolamy (70 m. s. m.), leg. C. Jurgens."

Merostachys neesii Rupr. Mém. Acad. St. Pétersb. VI. Sci. Nat. 3: 127. pl. 10. f. 30. 1839.

Based on "*M. speciosa* NE....non Spr." [i.e. misapplied by Spreng.]

Brazil

Merostachys pauciflora Swallen, Amer. Midl. Nat.

29: 469. f. 1. 1943. [publ. v.s.]

"British Honduras: Stann Creek District, Stann Creek Valley, on bank of Big Eddy Creek, January 12, 1941, Percy H. Gentle 3485 (type in the herbarium of the U. S. National Arboretum, No. 145,106; duplicate in the University of Michigan Herbarium)."

Merostachys petiolata Doell in Mart. Fl. Bras.

2 $\frac{3}{4}$: 216. 1880.

"Habitat prope Rio de Janeiro (Glaziou n. 6926)."

Brazil

Merostachys pluriflora Munro ex E. G. Camus, Bamb.

Monogr. 77. 1913.

"Brasil: Sainte-Catherine no. 97; Gaudichaud in Herb. Museum Paris; Chili: Herb. Maire ex Herb. Bureau 1875."

Merostachys racemiflora Fourn. in Hemsl. Biol. Centr.

Amer. Bot. 3: 586. 1885, based on *Arthrostylidium racemiflorum*; (Steud.) Fourn. Mex. Pl. 2: 131. 1885. valid publication Fourn. Mex. Pl. 2: 131. 1886.

"Oniesbreght Hrbr. nr. 234. Mexico"

Merostachys riedeliana Rupr. ex Doell in Mart. Fl.

Bras. 2 $\frac{3}{4}$: 213. 1880.

"Habitat in silvis prope S. Carlos prov. S. Paulo (Riedel n. 1856); ...fluminis Madeira prov. Grão Pará (...Keller); ...a cl. Richard in Brasilia leota, loco accuratius non indicato."

Merostachys sellowii Munro, Trans. Linn. Soc.

26: 51. 1868.

"Hab. Paraguay in acumine montis Cabo do Butuocaray, Sellow. s.v. Nees."

Paraguay

Merostachys sparsiflora Rupr. Mem. Acad. St. Pétersb.

VI. Sci. Nat. 3 $\frac{3}{4}$: 127. pl. 10. f. 32. 1839.

"Ad sinum omnium sanctorum: Riedel! (v.s.)" [Bay of All Saints]

Merostachys speciosa Spreng. Syst. Veg. 249. 1825.

T

Type loc.: "Brasilia."

Merostachys speciosa Spreng. [misappl. by ? Kunth] Rev.

Gram. 1: 139. 1829.

Basis of *Merostachys kunthii* Rupr.

"Brasilia."

Merostachys ternata Nees, Agrost. Bras. 529. 1829.

"In sylvis, altitudine 1200-1800 ped. praesertim super Serra do Mar, provinciarum S. Pauli et Rio de Janeiro, Minarum etiam generalium...Tagoara incolis, qui a geniculis oculi tubos pro cibo gallinarum fabricant."

Brazil

Mesosetum acuminatum Swallen, Brittonia 2: 384. 1937.

"Type, Chase 11403 (U. S. Nat. Herb. no. 1500161), collected in sterile sandy or gravelly campo, in the vicinity of Goyaz, Goyaz, Brazil, March 20-22, 1930."

Mesosetum asquiglume Swallen, Brittonia 2: 381. 1937.

"Type, Chase 10440 (U. S. Nat. Herb. no. 1504866), collected on a gravelly slope 5-10 km. west of Diamantina, Serra de San Antonio, Minas Geraes, Brazil, alt. 1300-1500m., Dec. 27-30, 1929."

Mesosetum agropyroides Mez, Repert. Sp. Nov. Fedde

15: 125. 1918.

"Brasilia, Civit. Goyaz (Glaziou no. 22452)."

Mesosetum altum Swallen, Brittonia 2: 383. 1937.

"Type, Swallen 3644 (U. S. Nat. Herb. no. 1613938), collected in open chapada, Barra do Corda to Grajau, Maranhão, Brazil, March 1-5, 1934."

Mesosetum angustifolium (Swallen) Swallen, Journ.

Washington Acad. Sci. 23: 460. 1933.

Based on *Panicum angustifolium* Swallen

Mt. Pine Ridge, El Cayo Dist. British Honduras, Feb. 25, 1931 by H. H. Bartlett (no. 11748)."

Mesosetum annuum Swallen, Brittonia 2: 377. 1937.

"Type, Swallen 4190 (U. S. Nat. Herb. no. 1614005), collected on open summit of rocky slope, Fazenda Nacional, Piahy, Brazil, April 3, 1934."

Mesosetum ansatum (Trin.) Kuhl. Comm. Linhas Telegraph.

Estrat. Matto Grosso 67: 42. 1922.

Based on *Panicum ansatum* Trin.

Cuyabá, Matto Grosso,

Brazil

Mesosetum arenarium Swallen, Brittonia 2: 380. 1937.

"Type, Chase 10403 (U. S. Nat. Herb. no. 1500602), collected on white sand and gravel, open campo, west of Diamantina Serra de San Antonio, Minas Geraes, Brazil, alt. 1200-1400m., Dec. 27-30. 1929."

Mesosetum bifarium (Hack.) Chase, Proc. Biol. Soc.

Wash. 24: 123. 1911.

Based on "*Panicum bifarium* Hack."

"Serra da Baliza ad Cachoeiras da Vargem Grande." Goyaz, Brazil. Glaziou 22455

Mesosetum Blakei Swallen, Brittonia 2: 390. 1937.

"Type, Blake 7657 (U. S. Nat. Herb. no. 1012994), collected on open grassy plain, Cristina, Dept. of Izabal, Guatemala, May 23, 1919."

Mesosetum cardomum Lucas, Bol. Soc. Venez. Cienc. Nat.

15: 19. f. 12. 1953.

"El espécimen tipo----en el Herbario del Instituto Botánico del Ministerio de Agricultura y Cría----coleccionado en sabanas entre el cerro Acopón y el Upuma, 900 m., Gran Sabana, Guayana, por Cardona No. 2223a en octubre de 1947" Venezuela

§ Bifaria

Mesosetum caudiculatum (Hack.) Swallen, Brittonia

2: 369. 1937.

Based on *Panicum caudiculatum* Hack.

"Itiquira ad Fazenda do Cipo." Goyaz, Brazil. Glaziou 22453.

Mesosetum chaseae Lucas, Journ. Washington Acad. Sci.

32: 160. f. 5. 1942.

"Type is in the Herbario Nacional de Venezuela, Ministerio de Agricultura y Cría, a duplicate type is in the U. S. National Herbarium; collected in vicinity of Santomé, State of Anzoátegui, Venezuela, August to November 1940, by A. G. Sandoval."

Mesosetum chlorostachyum (Doell.) Chase, Proc. Biol.

Soc. Wash. 24: 122. 1911.

Based on "*Panicum chlorostachyum* Doell."

"In regionibus fluminis Rio Negro" Spruce no. 885.

Brazil

Mesosetum comatum Swallen, Journ. Washington Acad. Sci.

30: 215. 1940.

"Type in the U. S. National Herbarium, no. 1721244, collected at San Ignacio, Cerro Piedras, Province of Misiones, Argentina, March 10, 1914, by Rodriguez (no. 31). This specimen was communicated by L. E. Farodi, Buenos Aires, Argentina."

South America

aff. *M. loliforme* (Hochst.) Chase

Mesosetum compressum Swallen, Brittonia 2: 367. f. 1.

1937.

Type, Swainson, without number (in British Museum), collected in Brazil "inter Pernambuco et Rio"

Distribution: Known only from type locality.

Mesosetum curtifolium Swallen, Brittonia 2: 386. 1937.

"Type, Swallen 4724 (U. S. Nat. Herb. no. 1613985), collected on the wet sandy bank of a small lake, between Estremoz and Natal, Rio Grande do Norte, Brazil, June 1, 1934."

Mesosetum discolor Mez, Bot. Jahrb. Engl. 56: Beibl.

125: 8. 1921.

"Brasilien, Bahia (Ule n. 7492)."

= *M. rottboelliioides* (H.B.K.) Hitchc.

Mesosetum elegans Swallen, Brittonia 2: 375. 1937.

"Type, Chase 11956 (U. S. Nat. Herb. no. 1500454), collected in alluvial ground by Rio Ibo, northwest of São Lourenço, Matto Grosso, Brazil, April 10, 1930."

Distribution: Known only from the type locality."

Mesosetum elongatum Mez, Bot. Jahrb. Engl. 56: Beibl.

125: 9. 1921.

"Brasilien, Hylaea, Serra do Mel (Ule n. 8046)." Rio Branco, Amazonas

Mesosetum elytrochastum (Hack.) Swallen, Brittonia

2: 370. 1937.

Based on *Panicum elytrochastum* Hack.

"Inter flumina Rio dos Couros et Rio Ficarão," Goyaz, Brazil. Type Glaziou 22454.

Mesosetum eriochryseoides (Nees) Kuhl. Comm. Linhas

Telegraph. Estrat. Matto Grosso 67: 42. 1922.

Panicum eriochryseoides Nees published as synonym of *Panicum ferrugineum* Trin. 1826 as *Panicum eriochrysis* Nees 1829.

= *M. ferrugineum* (Trin.) Chase

Brazil

Mesosetum exaratum (Trin.) Chase, Proc. Biol. Soc.

Wash. 24: 121. 1911.

Based on "*Panicum exaratum* Trin."

"Brazil Langsdorff"

Mesosetum ferrugineum (Trin.) Chase, Proc. Biol. Soc.

Wash. 24: 122. 1911.

Based on "*Panicum ferrugineum* Trin."

Brazil, Langsdorff.

Mesosetum filifolium Hubb. Proc. Amer. Acad.

49: 494. 1913 Oct.

"(in the Gray Herb.)---pine ridge near Manatee Lagoon, August 30, 1905, H. E. Peck, no. 136."

Brit. Honduras

Mesosetum latifolium Swallen, Brittonia 2: 382. 1937.

"Type, Swallen 4082 (U. S. Nat. Herb. no. 1614031), collected in open chapada between Carolina and San Antonio de Balsas, Maranhão, Brazil, March 20-25, 1934."

Mesosetum loliiiforme (Hochst.) Chase in Hitchc. Bot.
Gaz. 51: 302. 1911.

Based on "*Panicum loliiiforme* Hochst."
"Hrb. Dr. Hostmann nr. 1071."

Mesosetum longifolium Swallen, Brittonia 2: 388. 1937.

"Type, Swallen 4109 (U. S. Nat. Herb. no. 1614026),
collected between Carolina and San Antonio de Balsas,
Maranhão, Brazil, March 20-25, 1934."

Mesosetum molle Swallen, Brittonia 2: 383. 1937.

"Type, Chase 9226 (U. S. Nat. Herb. no. 1255853),
collected on open campo near the summit of Chapeo do
Sol, Serra do Cipó, Minas Geraes, Brazil, alt. 1100-
1200 m., March 28-Apr. 1, 1925."

Mesosetum multicaule Swallen, Brittonia 2: 378. 1937.

"Type, Swallen 3866 (U. S. Nat. Herb. no. 1614006),
collected in wet open places near the Lageado River,
Grajahu to Porto Franco, Maranhão, Brazil, March
8-13, 1934."

"*Panicum pappophorum* var. *rigidius* Doell." cited as
syn.

Mesosetum pappophorum (Nees) Kuhl. Comm. Linhas
Telegraph Estrat. Matto Grosso 67: 90. 1922.

Based on *Panicum pappophorum* Nees
"---provincias Piahiensis,"
Brazil, coll. Martius

Mesosetum penicillatum Mez, Repert. Nov. Sp. Fedde
15: 124. 1918.

"Brasilia, Civit. Piahy (Gardner no. 2979)."

Mesosetum pittieri Hitchc. Proc. Biol. Soc.
Washington 40: 85. 1927.

"Type in the U. S. National Herbarium, no. 679914,
collected at Sabana de Juan Corso, near Chepo, Pro-
vince of Panama, Panama, alt. 60 to 80 meters, Oct.
1911, by H. Pittier (no. 4751)."

Mesosetum pubescens Swallen, Brittonia 2: 385. 1937.

"Type, Swallen 4051 (U. S. Nat. Herb. no. 1614028),
collected on the top of a rocky hill, between Caro-
lina and San Antonio de Balsas, Maranhão, Brazil,
March 20-25, 1934."

Mesosetum rottboelliioides (H.B.K.) Hitchc. Contr. Nat.
Herb. 12: 211. 1909.

Based on *Panicum rottboelliioides* H.B.K.
"---ripae Orinocensis inter Maypures et Montem
Sipapo." coll. Bonpland.
Venezuela

Mesosetum solerochloa (Trin.) Hitchc. Contr. Nat. Herb.
12: 212. 1909.

Based on
Panicum solerochloa Trin.
Brazil

Mesosetum stoloniferum Swallen, Contr. U. S. Nat. Herb.
29: 412. 1950.

Type in the Chicago Natural History Museum No.
1061061, collected on dry rocky slopes of open glade,
Montana Castilla, vicinity of Montana Cebollas,
along Rio Lucía Saso, 3 miles southeast of Quezalti-
peque, Department Chiquimula, Guatemala, altitude
1,200-1,500 meters, November 6, 1939, by Julian A.
Steyermark (No. 31266).

Mesosetum tenuifolium Swallen, Brittonia 2: 387. 1937.

"Type, Swallen 4976 (U. S. Nat. Herb. no. 1614353),
collected on wet sandy campo, near Soure, Ilha de
Marajó, Pará, Brazil, June 21-23, 1934."

Mesosetum wrightii Hitchc. Contr. Nat. Herb.
12: 211. 1909.

"Wright 3859 no. 559961 in the U. S. National
Herbarium."
"Cuba" type

Metoalfia mexicana (Scribn.) Conert, Willdenowia 2: 417.
1960. type

Based on *Danthonia mexicana* Scribn. Proc. Acad.
Philadelphia (1891) 301, tab. 13. f. 7, 7b.

Pringle 3279 Mexico, state of Coahuila
U.S. Nat. Herb. type no. 2747.

Related to the genus *Pseudodanthonia*
Type 747429 U.S. Nat. Herb.

Mibora Desvauxii Lange, Naturhist. For. Kjöbenhavn. Vid.
Medd. II. 1: 24. 1860.

"In collibus arenosis ad Lugo et Santiago de Compos-
tela!" Spain. Legit Lange 1851-52.

Mibora maroccana (Maire) Maire, Bull. Soc. Hist. Nat.
Afr. Nord. 32: 220. 1941.

Based on *Libyella maroccana* Maire.
Marocco

Mibora minima (L.) Desv. Obs. Angers 45. 1818.

Based on *Agrostis minima* L.
France Man. U. S.

Mibora minima var. *Desvauxii* Richter, Fl. Europ.
1: 39. 1890.

Based on "*Mibora Desvauxii* Lange"
Spain

Mibora minima Desv. f. *distachya* Merino, Fl. Desor.
illustr. Galicia 3: 258. 1909.
Spain

Mibora minima Desv. f. *elatior* Kneuck. in Merino Fl.
Desor. illustr. Galicia 3: 258. 1909.
Spain

Mibora minima Desv. var. *elongata* Hack. ex Husnot,
Gram. Fr. Belge 8. 1899.

"M. desvauxii Lge" few words of description in French
Belgium

Mibora minima var. *littoralis* (Samp.) Coutinho, Bol.
Soc. Broteriana II. 10: 53. 1935.

"Areas marítimas: Póvoa do Varzim e Vila do Conde."
Portugal

Mibora minima f. *longifolia* Panero, Anales Bot.
Cavanilles XI 1: 330. 1953.
Cataluña y Galicia
Spain

Mibora minima Desv. f. *puberula* Merino, Fl. Desor.
illustr. Galicia 3: 258. 1909.
Spain

Mibora minima f. *verna* (Beauv.) Maire et Weiller,
Fl. Afr. Nord 2: 113. 1953.

Based on *M. verna* Beauv.

Mibora verna Beauv. Ess. Agrost. 167, pl. 8, fig. 4.
1812.

Presumably based on *Sturmia verna* Pers.
this = *Mibora minima*

Mibora verna var. *Desvauxii* (Lange) Kobbe, Fl.
Griechenl. 1: 284. 1938, in Greek.

Based on *M. Desvauxii* Lange
Spain

Mibora verna f. *elatior* Kneucker, Allg. Bot. Zeitsch.
8: 183. 1902.

Kneuck. Gram. Exs. no. 319. Coimbra, Portugal

Mibora verna var. *elongata* Rouy, Fl. France 14: 55. 1913

Based on *M. minima* var. *elongata* Husnot.
Belgium

Michelaria arduennensis Dum. Bull. Soc. Bot. Belg.
7: 59. 1868.

Based on "*Bromus arduennensis* Dum."
Belgium

Michelaria bromoidea Dum. Obs. Gram. Belg. 77. 1823.

"Habitat inter segetes in Arduennâ Leodiensi, circa
Aiwaille." Belgium

Dumortier says: "Mr. Lejeune, qui lui avait donné le
nom de *Calotheca bromoides* et c'est sous ce nom
qu'elle vient de paraître dans le messager des Sci-
ences a Gand."

Michelaria eburonensis Dum. Bull. Soc. Bot. Belg.
7: 60. 1868.

"Hab. in ditione Eburonum (Lej. & Strall)"
Belgium

Michelaria hirsuta Davr. Néer. Lieg. 36. 1854.

Belgium

Michelaria villosa Strall, Bull. Acad. Brux 22²: 515.
1855.

"dans un champ de froment, sur les rochers d'Aywaille
en face du château de l'Amblève. en 1854, et l'année
suivante dans un champ d'épeautre à Magnée village à
3 kilomètres de Chaudfontaine."

Belgium

Bromus arduennensis Dum. in Aschers. & Graeb. p. 602.

Micraira subulifolia F. Muell. Fragm. 5: 208. 1866.

[for article on "a grass with spiral phyllotaxis--
Micraira subulifolia" see Philipson, Kew Bull. Misc.
Inf. 1935: 324-326. 1935]

"In summitibus montium lapidosis; eg. in monte
domitioo Biron dicto, Leichhardt; Glasshouse Mountain
Hill & Mueller; Rockingham's Bay-Ranges, Dallachy."

Queensland Australia

Microbambus macrostachys K. Schum. Bot. Jahrb. Engler
24: 336. 1897. [Nov. 21]

"Kamerungebiet: Barombistation, im Buschwald zwischen
der Station und dem Ningsdorf (Pruess, blühend am
20. Juni 1890)."
[Africa]

Microcalamus aspidistrula Stapf in Hook. Icon. Fl. 31
(pl. 3070): 2. 1916.

"West Tropical Africa: Cameroons; Bipindi, Zanker.
1523, 1834, 2144, 4249, 3193; Efulen, Bates, 251.
Gaboon; Sierra del Crystal, Mamm, 1646."

not bamboo, in Paniceae

Microcalamus barbinodis Franch. Journ. de Bot.
3: 282. f. 1889.

"Hab.--Africa tropica occidentalis: Congo, Ogooué,
in silvis ad Djobé (Thollon, n. 765)."

Paniceae before Cyrtococcum

Microcalamus convallarioides Stapf in Hook. Icon. Fl.
31: pl. 3070. 1916.

"West Tropical Africa. French Gaboon; Como River,
in hill forests, Bates, 481."

Paniceae before Cyrtococcum

Microcalamus Devosii Vanderyst, Bull. Agr. Congo Belge
10: 243. 1919.

"région du Moyen-Kwilu: Kikongo-Kikwit, octobre
1918 (B. 65); Kikwit, janvier 1914 (no. 2,866)."
[Vanderyst, Coll.]

Africa

Paniceae before Cyrtococcum

Microcalamus glaber Stapf in Frain, Fl. Trop. Afr.
9: 494. 1919.

"Upper Guinea....Zanker 4249! 4757!"

Africa

Paniceae before Cyrtococcum

Microcalamus Frainii Gamble, Journ. Asiat. Soc. Bengal
59²: 207. pl. 7. 1890.

"Found by Dr. Frain in April 1886 on the edge of a
precipice on Pulinabadza, 7,870 feet, Naga Hills,
Assam"....

Asia

[referred to *Arundinaria* by Gamble in Ann. Calcutta
Bot. Gard. 1: 1896.

Paniceae before Cyrtococcum

Microchloa abyssinica Hochst. Flora. Intell. 24¹: 19.
1841, nom. nud. ex Rich. Tent. Fl. Abyss.
2: 404. 1851.

"in pl. Schimp. Abyss., sect. 1, no. 321."

...."in montibus et collibus ad rupes nudas prope
Adoua....(Schimper)"

Africa

Microchloa altera (Rendle) Stapf. in Thiseit-Dyer, Fl.
Cap. 7: 637. 1900.

Based on *Harpechloa altera* Rendle.

Africa

Microchloa altera var. *Nelsonii* Stapf in Thiseit-Dyer,
Fl. Cap. 7: 637. 1900.

"Kalahari Region: Transvaal; Incomate (King George's)
River, Nelson, 14!" Africa

Microchloa caffra Nees, Fl. Afr. Austr. 1: 246. 1841.

"Eleusine falcata Eokl. Herb. Cap. un. itin. n. 821.
(neo. Spr.)." cited

So. Africa

Microchloa capensis Nees ex Steud. Nom. Bot. ed. II.
2: 141. 1841, nom. nud.

= *M. caffra*

So. Africa

Microchloa ciliaris (Benth.) Domin, Bibl. Bot. 85: 364.
1915.

Based on *Cynodon ciliaris* Benth.

Australia

Microchloa convergens (F. Muell.) Domin, Fedde Rep. Nov.
Sp. 10: 119. 1911.

"F. Muell. sub *Cynodonte*." cited

= *Brachyachne convergens* (F. Muell.) Stapf.

List

Microchloa elongata R. Br. in Wall. Cat. n. 3807.
1831, nom. nud.

East Indies

Microchloa ensifolia Rendle, Cat. Afr. Fl. Welwitsch.
2¹: 219. 1899.

"Pungo Andongo.---On the rocks of the praesidium,...
Nos. 2800, 2816...No. 2763."

Angola, Africa

Microchloa Indica (L.f.) Beauv. Ess. Agrost. Atlas 13,
pl. 20, fig. 8. [1812]

Also made in Kuntze, Rev. Gen. Fl. 3²: 356. 1898.
in Druce, Rep. Bot. Soc. Exchange Club
1916: 635. 1917.

Based on *Nardus indica* L.f.

India

Microchloa indica var. *tennis* Hack et Stuck. in
Stuckert, Anal. Mus. Nac. Buenos Aires 21: 113. 1911.

Stuckert no. 21,598. Cañada Alegre, Dep. Burruyacu,
Rio. (S.G.)

Argentina

Microchloa kamialaensis Vander. Bull. Agr. Congo Belge
11: 120. 1920.

"Haut-Kwilu (au bord d'un marais entre Nyungu et
Kandala, décembre 1913)."

Belgian Congo Africa

Microchloa kunthii Desv. Opusc. 75. 1831.

Based on "(*Microchloa setacea* Kunth, nec R. Brow.)"

"Habitat in America aequinoctialis."

[H.B.K.'s place for *M. setacea* is the following:
"Crescit in regno Mexicano, juxta Omitlan, et
Llano de las Tinajas"]

Microchloa obtusiflora Benth. ex Hook. Niger. Fl.
565. 1849.

"On the Quorra, at Patteh, Vogel."

[Quorra River = Niger River]

Africa

Microchloa obtusiflora var. *minor* Rendle, Cat. Afr.
Fl. Welwitsch. 2¹: 220. 1899.

"Huilla.---Rumpata plateau....No. 2637."

W. Africa

Microchloa patentiflora Stent & Battray, Proo. Rhodesia
Sci. Ass. 32: 59. 1933.

"Salisbury: Eyles 1955 (type)."

Southern Rhodesia

Microchloa setacea (Roxb.) R. Br. Prodr. Fl. Nov. Holl.
208. 1810.

Based on "*Rottboellia setacea* Roxb."

India

Microchloa setacea var. *gracilis* Rendle, Cat. Afr. Fl.
Welwitsch. 2¹: 219. 1899.

"Pungo Andongo....near Mutôlo at Pedras de Guinga....
No. 2811."

Angola, W. Africa

Microchloa tenella (R. Br.) Domin, Fedde Rep. Nov. Sp.
10: 119. 1911.

"R. Br. sub *Cynodonte*." *Cynodon tenellum* R. Br.

"intra tropica" Australia

Microlaena acuminata (R. Br.) Mez, Repert. Sp. Nov.
Fedde 17: 292. 1921.

Based on *Tetrarrhena acuminata* R. Br.

=

Van Diemen Isl.

Microlaena avenacea (Raoul) Hook.f. Handb. New Zeal.
Fl. 320. 1864.

Based on "*Diplax avenacea* Raoul."

Akaroa

Microlaena avenacea var. *carsei* (Cheesen.) Zotov, Trans.
& Proc. Roy. Soc. New Zeal. 73: 235. 1943.

Based on *M. carsei* Cheesen.

North Island: Mangonui County...near
Kaiaka, H. Carse

New Zealand

Microlaena Carsei Cheesen. Trans. & Proc. New Zeal.
Inst. 47: 47. 1915.

"Hab.--North Island: Mangonui County, damp shaded
places in the forest near Kaiaka, H. Carse!"

New Zealand

Microlaena ciliatavertex Ohwi, Bull. Tokyo Sci. Mus.
no. 18: 10. 1947.

"Celebes (B. Poka Pindjang, 2800 m. Kjellberg, 3699,
in Herb. Bogor.)."

aff. *M. stipoides*

Microlaena Colensoi (Hook.f.) J. C. Smith, Trans. &
Proc. New Zeal. Inst. 43: 253. 1911.

Based on *Ehrharta Colensoi* Hook.f.

North Island, New Zealand

Microlaena diarrhena (F. Muell.) Mez, Repert. Sp. Nov.
Fedde 17: 292. 1921.

Based on *Ehrharta diarrhena* F. Muell.

Tasmania

Microlaena distichophylla (Labill.) Raspail, Ann. Sci.
Nat. I. 5: 296. 1825.

Based on *Tetrarrhena distichophylla* R. Br. which is
based on *Ehrharta distichophylla* Labill.

Van-Diemen, Australia

Microlaena giulianettii Stapf, Kew Bull. Misc. Inf.
1899: 114. 1899.

"Mount Scratchley" British New Guinea.
A. Giulianetti, Collector.

Microlaena gumii Hook.f. Fl. Tasm. 2: 105. pl. 155.
1858. left-hand fig.

"Hab. Penquite, near Launceston, Quinn 1492."
Tasmania.

Microlaena micranthera Ohwi, Bull. Tokyo Sci. Mus.
no. 18: 10. 1947.

Cites: "*Microlaena stipoides* (non R. Br.) Backer, Fl.
V. Java, 2 (1928) 197."

"Java (G. Tenggari in Pascoean, Backer et Posthumus,
sin. num. in Herb. Bogor.)."
Compared with *M. stipoides*

Microlaena polynoda (Hook.f.) Hook.f. Handb. New Zeal.
Fl. 320. 1864.

Based on "*Diplax polynoda* Hook.f."
New Zealand

Microlaena ramosissima Colenso, Trans. & Proc. New Zeal.
Inst. 21(1888): 105. 1889.

"Hab. In a thicket on the banks of a small streamlet
south of Dannevirke, County of Waipawa (and only in
that locality); 1887-88: W.C." [Colenso]
New Zealand

Microlaena stipoides (Labill.) R. Br. Prodr. Fl. Nov.
Holl. 210. 1810.

Based on "*Ehrharta stipoides* Labill."
Van Diemen Isl. Australia

Microlaena stipoides var. *micrantha* Domin, Bibl. Bot.
85: 336. 1915.

"304-Queensland: Tambourine Mountains (Domin, III.
1910)."
Australia

Microlaena tasmanica (Hook.f.) Hook.f. ex Benth. Fl.
Austral. 7: 552. 1878.

Based on "*Diplax tasmanica* Hook.f."
Tasmania

Microlaena tasmanica var. *subalpina* F. Muell in Benth.
Fl. Austral. 7: 553. 1878.

"Halfway up Mount Lapeyrouse, Oldfield; Lake St.
Clair, Oulliver."
Australia

Microlaena Thomseni (Petrie) Petrie in Chilton, Subant.
Isl. New Zeal. 2: 472. 1909.

Based on "*Ehrharta Thomseni* Petrie."
Port Pegasus, Stewart Isl.
New Zealand

Micropyrum tenellum (L.) Link, Linnaea 17: 398. 1843.

Based on *Triticum tenellum* L.
[Europe]

Micropyrum tenellum var. *aristata* (Tausch) Pilger, Bot.
Jahrb. 74 (4): 567. 1949.

Based on *Triticum lolioides* var. *aristatum* Tausch.
Europe

Micropyrum tuberosum (Moris) Pilger, Bot. Jahrb.
74 (4): 567. 1949.

Based on *Mardurus tuberosus* (Moris) Hayek. based
on *Catapodium tuberosus* Moris.

= *Castellia tuberosa* (Moris) Bor.
Sardinia

Microstegium arisanense (Hayata) A. Camus, Ann. Soc.
Linn. Lyon 68: 201. 1921.

Based on *Pollinia arisanensis* Hayata
Formosa

Microstegium aristulatum Robyns & Tournay, Bull. Jard.
Bot. Brux. 25: 240. 1955.

Congo Belge: Dist. Lac Écouard et Kivu: Nyamuragira,
1929, Soetta 1613* (holotype Br.)

*collected in the Parc
Africa

Microstegium Bequaerti (De Wild.) Henr. Blumea 3: 453.
1940.

Based on *Pollinia Bequaerti* De Wild.
Kalanga, Congo, Africa

= *Eulalia bequaerti* (De Wild.) De Wild.

Microstegium biaristatum (Steud.) Keng, Sinensia
3: 92. 1932.

Androp. biaristatus Steud.
Herb. Walllich 8823
Nepal

Microstegium biforme Keng, Sinensia 3: 91. 1932.

"Type in the Herbarium of the Metropolitan Museum of
Natural History, Acad. Sinica, Nanking, China....Ken
She Feng Dar Shan, South Nanning, Kwangsi, ...R. C.
Ching (No. 8452); dupl. type in the U. S. Nat. Herb.
No. 1248721."

Microstegium boreale Ohwi, Journ. Jap. Bot.
12: 653. 1936.

"Hab. Hondo: Tokura in Kotsuke (J. Ohwi et M. Tagawa
n. 727--typus in Herb. Imper. Univ. Kyoto)."
referred to *M. japonicum* var. *boreale* (Ohwi) Ohwi in
Fl.
Japan

Microstegium brandisii (Hook.f.) Rhind, Grass. Burma
2, 62. 1945.

Based on *Coelarthron brandisii* Hook.f.
Burma, Brandis

Microstegium breviaristatum (Bendle) A. Camus, Ann.
Soc. Linn. Lyon 68: 201. 1921.

Pollinia ciliata var. *breviaristata* Bendle
China

Microstegium calocholea (Laut. & Schum.) Pilger in Engl.
& Prantl, Pflanzenfam. ed. 2. 14: 122. 1940.

Presumably based on *Pollinia calocholea* Laut. & Schum.
New Guinea

Microstegium cantonense (Bendle) A. Camus, Soc. Linn.
Lyon Ann. 68: 200. 1921.

Based on *Pollinia cantonensis* Bendle
Canton, China

Microstegium capense (Hochst.) A. Camus, Soc. Linn. Lyon
Ann. 68: 201. 1921.

Based on *Psilopogon capensis* Hochst.
So. Africa

Microstegium ciliatum (Trin.) A. Camus, Soc. Linn. Lyon
Ann. 68: 201. 1921.

Based on *Pollinia ciliata* Trin.
Basis of *Eulalia ciliata* (Trin.) Kuntze
Microstegium validum in herb.
India

Microstegium ciliatum var. *formosanum* (Hook.) Honda,
Journ. Fac. Sci. Univ. Tokyo Sect. III. Bot. 3: 404.
1930.

Based on *Pollinia monantha* var. *formosana* Hook.
Ins. Kudu-Sü Coll. Matsumura

Microstegium ciliatum var. *integrum* (Ohwi) Ohwi, Acta
Phytotax. & Geobot. 11: 157. 1942.

"*M. integrum*, hoo loo." cited. Only a few Japanese
characters given. Ohwi seems to use hoo loo, sometimes
for locality, not vol. and page.

"Formosa: m. Kwannonzan (S. Nagasawa n. 520)."

Microstegium ciliatum var. *latifolium* Ohwi, Bot. Mag.
Tokyo 56: 10. 1942.

"No. 13243 Kanehira-Hatusima, Waren, in rain-forests,
alt. 10 m., March 30, 1940, type. ..."
New Guinea

Microstegium ciliatum var. *laxum* (Nees ex Steud.)
Beeder, Journ. Arn. Arb. 29: 338. 1948.

Based on *Pollinia laxa* Nees ex Steud.
India

Microstegium ciliatum var. *Wallichianum* (Nees) Honda,
Journ. Fac. Sci. Univ. Tokyo Sect. III. Bot. 3: 405.
1930.

Based on *Pollinia wallichiana* Nees
List
Androp. nr. 8822 Wall. Cat.
Ind. or.

Microstegium clavigerum (Back.) Henr. Blumea 3: 453.
1940.

Based on *Pollinia clavigera* Back.
Dutch East Indies

Microstegium debile (Balansa) A. Camus, Soc. Linn. Lyon
Ann. 68: 201. 1921.

Based on *Pollinia debilis* Balansa
Indo China

Microstegium delioatulum (Hook.f.) A. Camus, Soc. Linn.
Lyon Ann. 68: 200. 1921.

{Same comb. made by Henr. Blumea 3: 455. 1940}

Based on *Pollinia delioatula* Hook.f.
Burma

Microstegium dilatatum Koidz. Fl. Symb. Or.-Asiat. 38.
1930.

"Hab. Yokohama (Maximowicz! 1862) Tokyo
Faurie no. 6410. 7. VIII. 1890) Herb. Mus. Paris
Japan

"*Pollinia dilatata* Koidz." cited as syn. nom. nud.

Microstegium dispar (Nees) A. Camus, Soc. Linn. Lyon Ann. 68: 200. 1921.

Based on *Pollinia dispar* Nees
Java

Microstegium elmeri (Hack.) A. Camus, Soc. Linn. Lyon Ann. 68: 200. 1921.

Based on *Pollinia monantha* var. *Elmeri* Hack.
Philippines

Microstegium eucnemis (Nees) A. Camus, Soc. Linn. Lyon Ann. 68: 200. 1921.

Based on *Pollinia eucnemis* Nees
India

Microstegium fasciculatum (L.) Henr. Blumea 3: 453. 1940

Based on *Andropogon fasciculatus* L.
nomen dubium.

[see Hack. in DC. Monogr. Phan. 6: 177. 1889]

Microstegium Fauriei (Hayata) Honda, Journ. Fac. Sci. Univ. Tokyo Sect. III, Bot. 3: 410. 1930.

Based on *Pollinia Fauriei* Hayata
U. Faurie, Dec. 1914)
Formosa

Microstegium formosanum (Hack.) A. Camus, Soc. Linn. Lyon Ann. 68: 201. 1921.

Based on *Pollinia monantha* var. *formosana* Hack.
Formosa

Microstegium geniculatum (Hayata) Honda, Journ. Fac. Sci. Univ. Tokyo Sect. III, Bot. 3: 410. 1930.

Based on *Pollinia geniculata* Hayata
Arisa (B. Hayata) 1912
Formosa

Microstegium glaberrimum (Honda) Koidzumi, Bot. Mag. Tokyo 43: 394. 1929.

Based on *Pollinia glaberrima* Honda
Formosa: monte Mentenzan (T. Soma, 1914)

Microstegium glabratum (Brongn.) A. Camus, Soc. Linn. Lyon Ann. 68: 201. 1921.

Based on *Pollinia glabrata* Trin. this based on *Eulalia glabrata* Brongn.
Society Isls.

Microstegium gracile (Ridley) A. Camus, Soc. Linn. Lyon Ann. 68: 201. 1921.

Based on *Pollinia gracilis* Ridley
Malay Penins.

Microstegium gracillimum (Hack.) A. Camus, Soc. Linn. Lyon Ann. 68: 201. 1921.

Based on *Pollinia gracillima* Hack.
Society Isls.

Microstegium gratum (Hack.) A. Camus, Soc. Linn. Lyon Ann. 68: 201. 1921.

Based on *Pollinia grata* Hack.
= *M. vagans* (Nees) A. Camus
China

Microstegium Hendersonii (C. E. Hubb.) C. E. Hubb. in Hutchinson, Pann. Fl. Pl. 2: Monocot. 227. f. 105. 1934.

Based on *Pollinia Hendersonii* C. E. Hubb.
Malay Penins.

Microstegium japonicum (Miquel) Koidzumi, Bot. Mag. Tokyo 43: 394. 1929.

Based on *Pollinia japonica* Miquel
Japan

Microstegium japonicum var. *boreale* (Ohwi) Ohwi, Fl. Japan 157. 1953.

Based on *M. boreale* Ohwi
Hondo--"(J. Ohwi et M. Tagawa 727...)"
Japan

Microstegium japonicum f. *Shimidsui* (Honda) Ohwi, Acta Phytotax. & Geobot. 11: 156. 1942.

Based on "M. nudum var. *Shimidsui* Honda, Monogr. 3: 407. 1930"
"Hondo: Hanashi, prov. Suruga (D. Shimizu, anno 1929)"
Japan

Microstegium mayebararum Honda, Journ. Fac. Sci. Univ. Tokyo Sect. III, Bot. 3: 405. 1930.

"...Kiusiu: in monte Oohira, prov. Higo (K. Mayebara, no. 334 anno 1929); in monte Terukaku, prov. Higo (K. Mayebara) no. 335, anno 1929; Ichibu, prov. Higo (K. Mayebara, no. 345, anno 1929); Hishize, prov. Higo (K. Mayebara, no. 346, anno 1929)."

Japan

Microstegium monanthum (Nees) A. Camus, Soc. Linn. Lyon Ann. 68: 200. 1921.

Based on *Pollinia monantha* Nees
India

Microstegium montanum (Nees) Henr. Blumea 3: 455. 1940.

Based on *Pollinia montana* Nees
Java

Microstegium montanum var. *hirsutum* F. Jansen, Reinwardtia 2: 306. 1953.

Java, Van Breemen 44 (type; Herb. Bogor.), Danser 6756, Van Steenis 4865.

Microstegium nudum (Trin.) A. Camus, Soc. Linn. Lyon Ann. 68: 201. 1921.

Based on *Pollinia nuda* Trin.
Nepal

Microstegium nudum var. *boreale* (Ohwi) Ohwi, Acta Phytotax. Geobot. 6: 151. 1937.

Based on *Microstegium boreale* Ohwi 1936
M. japonicum var. *boreale* (Ohwi) Ohwi 1953, same basis

Microstegium nudum var. *shimidsui* Honda, Journ. Fac. Sci. Univ. Tokyo Sect. III, Bot. 3: 407. 1930.

"Hondo: Hanashi, prov. Suruga (D. Shimizu, anno 1929)"
Japan

Microstegium Okamotoi Honda, Bot. Mag. Tokyo 56: 16. 1942.

"Taiwan. Rokki, prov. Takao (S. Okamoto, no. 1, anno 1940 -- typus in Herb. Imp. Univ. Tokyo)."
Formosa

Microstegium parceciliatum Pilger, Notizbl. Bot. Gart. Berlin 13: 264. 1936.

Based on *Pollinia parceciliata* Pilger
Nyassaland....(Stolz n. 1447.)
Africa

Microstegium petiolare (Trin.) Bor, Indian For. Rec. n. ser. Bot. 1: 87. 1938.

Based on *Ischaemum petiolare* Hack., this based on *Spodiopogon petiolaris* Trin.
Nepal.

Microstegium pleiostachyum (Laut. & Schum.) A. Camus, Soc. Linn. Lyon Ann. 68: 200. 1921.

Based on *Pollinia pleiostachya* Laut. & Schum.
Kaiser Wilhelm Island,
New Guinea

Microstegium pseudaulalia Hosok. Trans. Nat. Hist. Soc. Formosa 28: 151. 1938.

"Hab. Palau; islet Babeldaob, at the rocky summit of Mt. Ngelwa near Aimon (T. H. [Hosokawa] no. 9189; -- Type! Sept. 4, 1937)."

Caroline Is. Pacific 9791 U.S. Type

Microstegium rufispicum (Steud.) A. Camus, Soc. Linn. Lyon Ann. 68: 200. 1921.

Based on *Andropogon rufispica* Steud.
Java

Microstegium rupestre (Ridley) A. Camus, Soc. Linn. Lyon Ann. 68: 200. 1921.

Based on *Pollinia rupestris* Ridley
Johor,--Malay Peninsula Ridley 1016.

Microstegium Somai (Hayata) Ohwi, Acta Phytotax. & Geobot. 11: 155. 1942.

Based on *Polliniopsis Somai* Hayata
Formosa

= *Microstegium nudum* (Trin.) A. Camus, fide Keng.

Microstegium spectabile (Trin.) A. Camus, Soc. Linn. Lyon Ann. 68: 200. 1921.

Based on *Pollinia spectabilis* Trin.
Caroline Isls.

Microstegium spectabile f. *cryptochaetum* Ohwi, Bot. Mag. Tokyo 55: 550. 1941.

"Ponape (S. Hatusima n. 11084)."
Pacific Isls.

Microstegium Stapfii (Hook.f.) A. Camus, Soc. Linn. Lyon Ann. 68: 200. 1921.

Based on *Pollinia Stapfii* Hook.f.
Arracan, Akyab, Kurz.
India

Microstegium steenisii F. Jansen, Reinwardtia 2: 306. 1953.

Java, Priangan, Mt. Papandayan, Tegal Pandjang, 2040 m. altitude, Van Steenis 4320 (type; Herb. Bogor.).

Microstegium tenue (Trin.) Hosok. Trans. Nat. Hist. Soc. Formosa 28: 150. 1938.
same comb. P. Jansen, Reinwardtia 2: 307. 1953.
same basis.
Based on *Pollinia tenue* Trin.
Manila, Philippines

Microstegium vagans (Nees) A. Camus, Soc. Linn. Lyon Ann. 68: 200. 1921.

Based on *Pollinia vagans* Nees ex Steud.

"*Andropogon* 8807 B Wall. Cat. Nepal. List

Microstegium vagans var. *dubium* (Hack.) Hand.-Mazz. Symb. Sinicae 75: 1309. 1936.

Based on *Pollinia vagans* var. *dubia* Hack.

Khasia---Hook.f. & Thoms. sub "*miorantha*"
India

Microstegium vimineum (Trin.) A. Camus, Soc. Linn. Lyon Ann. 68: 201. 1921.

Based on *Andropogon vimineus* Trin.

Nepal Man. U. S.

Microstegium vimineum var. *imberbe* (Nees) Honda, Journ. Fac. Sci. Univ. Tokyo Sect. III, Bot. 3: 408. 1930.

Based on *Pollinia imberbis* Nees

List
Bathrathrum Wall. Cat. nr. 8832
Nepal - India

Microstegium[*vimineum*](Trin.) A. Camus var. *monostachyum* (Hack.) Nakai, Bull. Nat. Sci. Mus. 31: 139. 1952.
spelled "*vimineum*"

presumably based on *Pollinia imberbis* var. *Willdenowiana* (Nees) Hack. "P. japonica v. *monostachya* Franch. & Sav. in Hack. Monog. Phan. 6: 178 in note 1889.

Microstegium vimineum var. *polystachyum* (Franch. & Sav.) Ohwi, Acta Phytotax. & Geobot. 11: 156. 1942.

Based on "*Pollinia japonica* (non Miq.) Franch et Savat. Enum. Pl. Japon. 2(1876) 190 (var. *polystachya* et *monostachya*) et 608."

Japan

spelled "*vimineum*" in Nakai, Bull. Sci. Nat. Mus. 31: 139. 1952.

Microstegium vimineum var. *Willdenowiana* ("Hack.") A. Camus, Fl. Gen. Indo-Chine 7: 260. 1922.
[error for Nees]

Based on *Pollinia imberbis* var. *willdenowiana* Hack. this based on *Microstegium willdenowianum* Nees.

Nepal

Microstegium willdenowianum Nees in Lindl. Nat. Syst. Bot. (ed. 2 of his Introd. Bot.) 447. 1836.

"Nepal Herb. Willd."

= *Microstegium vimineum* (Trin.) A. Camus

Man. U. S.

Miegia arundinacea Torr. ex Munro, Trans. Linn. Soc. 26: 15. 1868.

as syn. of *Arundinaria macrosperma* var. *arborescens* Munro.

= *Arundinaria gigantea* (Walt.) Muhl.

Miegia arundinaria Raf. West. Rev. Misc. Mag. 1: 93. 1819; First Cat. Gard. Bot. Transilv. Univ. 14. 1824, name only.

= *Arundinaria gigantea* Man. U. S.

Kentucky

Miegia ? gigantea Nutt. Gen. Fl. 1: 39. 1818.

"grows in most abundance on the alluvions of the Mississippi."
Man. U. S.

Miegia macrosperma Pers. Syn. Fl. 1: 102. 1805.

Based on *Arundinaria macrosperma* Michx. same combination, same basis, Nutt. Gen. Fl. 1: 39. 1818.

Man. U. S.

"ad ripas flum. Mississippi

Based on *Arundinaria macrosperma* Michx.

= " " " "

Miegia maritima Willd. Sp. Pl. 1: 311. 1797.

Based on "*Remirea maritima* Aubl. guj. 1. p. 44. t. 16

"Habitat in arenosis maritimis Cajennae et Gujanae."

in Ind. Kew 23: 234. 1894, erroneously referred to *Arundinaria macrosperma*

Miegia Schreb. = *Remirea* Aubl. Cyperaceae fide Dalla Torre & Harms

French Guiana sedge

Miegia pumila Nutt. Trans. Amer. Phil. Soc. n. ser.

5: 149. 1837.

"Hab. At the confluence of Kiamasha and Red rivers, in alluvial lands." [Okla.]

= *Arundinaria gigantea* (Walt.) Muhl.

Miliarium effusum Moench, Meth. Pl. 204. 1794.

Based on "*Milium effusum* Linn."

Europe

Milium adscendens Roxb. Hort. Beng. 8, nom. nud. [1814]

Nepal

Not in Fl. Ind. ed. Carey 1820.

Milium alepense Cav. Desor. Fl. Index 619. 1802

As given in Jacks. Ind. Kew 2: 236. 1894 as

"vide *halapense*" [M. *halapense* Cav.]

See M. *halapense* (L.) Cav. based on *Holcus halapensis* L. = *Sorghum halapense* (L.) Pers.

Milium alternans Bubani, Nuov. Giorn. Bot. Ital.

5: 317. 1873.

= *Panicum erucaeformis* fide Bub. Fl. Pyren. 4: 259. 1901.

Pyrenees Spain

= *Brachiaria erucaeformis*

Milium ampicarpum Pursh, Fl. Amer. Sept. 1: 62. pl. 2. 1814.

"In light sandy fields of New Jersey near Egg-harbour."

= *Ampicarpum purshii* Kunth

Man. U. S.

Milium angulosum J. E. Smith in Rees's Cycl. 23:

Milium No. 10. Apr. 1813.

"Gathered in the Sandwich Islands, by Archibald Menzies."

Hawaiian Islands

Milium arundinaceum J. E. Smith, Fl. Graec. Prodr.

1: 45. 1806.

"Icon. Fl. Graec. t. 66. Prope Athenas, et in insula Zacyntho."

Greece

Milium arundinaceum Koen. ex Steud. Syn. Fl. Glum.

1: 70. 1854, as syn. of *Panicum sparsum* Rottl.

Not *Milium arundinaceum* Smith 1806.

= *Panicum sparsum* Nees

ex Steud. as *P. perigrinum* Steud.

without loc.

"Wight Herb. no. 37."

"Ind. or."

Milium attenuatum Moench, Meth. Pl. 204. 1794.

Based on "*Panicum brevifolium* Linn. var. *fol. lanceolatis*. [not a published name]

"annua" cult.

Milium barbipulvinatum (Nash) Lunell, Amer. Midl. Nat.

4: 212. 1915.

Based on *Panicum barbipulvinatum* Nash

= *P. capillare* var. *occidentale* Rydb.

Man. U. S.

Milium caerulea var. *pubescens* Opiz, Sezn. Rostl. Ceské

66. 1852, without descr.

Cites "*M. c. alpestris* N."

Czechoslovakia?

Milium caeruleum var. *angustifolium* (Munro) Regel,

Acta Hort. Petrop. 7: 644. 1881. described

"*Leptatherum angustifolium* Munro, nom. nud. cited

= *Oryzopsis*

Blánkhél, Alikhél, Aitohison 527, 196.

Afghanistan, Asia

Milium caeruleum var. *holciforme* (Bieb.) Regel, Acta

Hort. Petrop. 7: 644. 1881.

Based on "*M. holciforme* Sprgl." which is based on *Agrostis holciformis* Bieb.

Tauria meridionali, circa pagum Alupkam

Transcaucasus, Russia, Eur.

Milium caeruleum var. *kokanicum* Regel, Acta Hort.

Petrop. 7: 644. 1881.

"In valle fluvii Sarawshan prope Paohud et Warsamin (O. Fedtschenko)."

U. S.S.R.

Milium caeruleum var. *songoricum* Regel, Acta Hort.

Petrop. 7: 644. 1881.

"Karagus et Dschib Karatau in montibus karataviis (A. Regel)....first cited.

Manchuria

Milium capense L. Mant. Pl. 2: 185. 1771.

"Habitat ad Cap. b. spei."

[not in Nees nor Stapf, Fl. Cap.]

Capo Good Hope

Milium capillaceum Koen. ex Steud. Mon. Bot. ed. 2.

2: 145. 1841, nom. nud.

Milium capillare Rottb. Acta Lit. Univ. Hafn.

1: 271. 1778.

Surinam

Dutch Guiana, S. Amer.

Milium capillare (L.) Moench, Meth. Fl. 203. 1794.
Not Rottb.

Based on *Panicum capillare* L.

Virginia [Clayton 454] Man. U. S.

Milium capillare Roth in Roem. & Schult. Syst. Veg. 2: 320. 1817; (Roth, Nov. Fl. Sp. 39. 1821) Not Rottb. 1778.

Roem. & Schult. cite: "Roth nov. plant. spec. fig."

"In India orientali. Heyne."

Milium caucasicum Somm. & Levier, Nuov. Giorn. Bot. Ital. n. ser. 4: 209. 1897. Plate in Acta Hort. Petrop. 16: 44. 1900.

"Legimus in jugo Utbiri Svanetiae Liberae inter herbas gigantes....in jugo Kluchor Abchasiae."

Caucasus

Milium ciliatum Moench, Meth. Fl. Suppl. 66. 1802.

Based on "*Panicum ciliare* Retz.

= *Digitaria ciliaris* (Retz) Koel.

"E Java et China adtulit honor. Wimmerberg."

Milium ciliatum Muhl. Desor. Gram. 77. 1817.

Not Moench., 1802; name only, Muhl. Cat. Fl. 10. 1813.

"Habita in Nova Caesarea"

New Jersey

= *Amphicarpum purshii* Kunth Man. U. S.

Milium cimicinum L. Mant. Fl. 2: 184. 1771.

"Habitat in Malabarica et oppidi Johannis plateis. Koenig. 55.

Basis of *Panicum cimicinum* Retz.

= *Coridochloa cimicina* (L.) Nees

India

Milium olandestinum (L.) Moench, Meth. Fl. 204. 1794.

Based on *Panicum olandestinum* L.

"Habitat in Jamaica [error] Pennsylvania, Kalm"

Pennsylvania

= *Pan. olandestinum* Man. U. S.

Milium oerulescens Desf. Fl. Atlant. 1: 66. pl. 12. 1798.

"Habitat in fissuris rupium Atlantis."

= *Oryzopsis oerulescens*

North Africa

Milium oolum (L.) Moench, Meth. Fl. 202. 1794.

Based on *Panicum oolum* L.

Jamaica, Bromes

= *Echinochloa oolum* (L.) Link Man. U. S.

Milium coloratum (L.) Moench, Meth. Fl. 203. 1794.

Based on *Panicum coloratum* L.

"Habitat Cairi. Forskohl." [Forskahl]

Egypt, Africa

Milium comosum Poir. in Lam. Encycl. 1: 257. 1810, as syn. of *Agrostis comosa* Poir.

Europe

Milium compactum (Lam.) Cav. Desor. Fl. 307. 1802.

Based on "*Holcus compactus* Lam."

= *Sorghum cernuum* Host. in Snowden p. 205.

"croît (ou est cultivée) dans l'Arabie, sur le côte de Barbarie...."

Arabia; Africa

Milium compressum Swartz, Prodr. Veg. Ind. Ooc. 24. 1788.

"Jamaica, India occidentalis."

= *Axonopus compressus* (Swartz) Beauv.

Man. U. S.

Milium compressum Poir. in Lam. Encycl. Suppl. 1: 258. 1810, as syn. of *Agrostis compressa* Poir. Not Swartz 1788.

Carolina Bosc.

= *Sporobolus poiiretii* Man. U. S.

Milium confertum L. Sp. Fl. 61. 1753.

"In Helvetiae sylvis."

Switzerland

Milium confertum Mill. Gard. Diet. ed. 8. n.4. 1768. of. L. 1753.

= *M. effusum*

"Prod. Leyd. 57."

"Scheu. Gr. 34."

Milium confertum Willd. misappl. by ? Ouss Fl. Sic. Syn. 1: 131. 1842

Sicily

Milium corrugatum Scribn. U. S. Dept. Agr. Div. Agrost. Circ. 29: 3. 1901, as syn. of *Milium paspaloides*. name in Ell Herb.

corrugatum probably error for conjugatum.

= *Axonopus furcatus*

Milium crusgalli (L.) Moench, Meth. Fl. 202. 1794.

Based on *Panicum crusgalli* L.

Europe

= *Echinochloa crusgalli* (L.) Beauv. Man. U. S.

Milium cuspidatum (Mutt.) Spreng. Syst. Veg. 1: 251. 1825.

Based on *Eriocoma cuspidata* Mutt.

= *Oryzopsis hymenoides* (Roem. & Schult.) Sicker in Piper.

Man. U. S.

Milium dactylon (L.) Moench, Meth. Fl. Suppl. 67. 1802.

"n. H." Marburgi

Based on *Panicum dactylon* L.

= *Cynodon dactylon* Man. U. S.

Southern Europe

Milium digitatum Swartz, Prodr. Veg. Ind. Ooc. 24. 1788. Not *Digitaria digitata* Buse, 1854.

"Jamaica"

= *Digitaria horizontalis* Willd. Man. U. S.
Man. Grass. W. I.

Milium distichum (L.) Muhl. Desor. Gram. 78. 1817. Nom. nud. Muhl. Cat. Fl. 9. 1813.

Carolina

Presumably based on *Paspalum distichum* L.

= *Pasp. distichum* L. Man. U. S.

Milium effusum L. Sp. Fl. 61. 1753.

"In Europe nemoribus umbrosis."

Man. U. S.

Milium effusum Lour. Fl. Cochinch. 49. 1790. Not L. 1753.

"Nascitur incoltum inter segetes oryzae montanae in Cochinchina."

---"description applies to some species of *Panicum* with diffuse panicles."---E. D. Merrill.

= *Pan. miliare* Ind. Kew. & E.G. & A. Camus.

Milium effusum var. *caucasicum* (Somm. & Lev.) Westb. Acta Horti Bot. Univ. Imp. Jurjev. 5: 145. 1904.

Milium caucasicum Somm. & Lev.

Caucasus, Russia, Eur.

Milium effusum L. var. *oceanicum* Fernald, Rhodora 52: 218. 1950.

"Type from New Foundland: thickets on quartzite ledge and gravel along brook, Deep Gulch, Doctor Hill, Highlands of St. John, July 30, 1929, Fernald, Long and Fogg, no. 1332 (type in Herb. Gray; isotype in Herb. Phil. Acad.)"

Newfoundland

Milium effusum var. *coloratum* Elytt, Norsk Fl. 157. 1842

Norway

Milium effusum var. *confertum* (L.) Richt. Fl. Eur. 1: 34. 1890.

Based on *Milium confertum* L.

Switzerland

Milium effusum var. *elatius* Koch, Syn. Fl. Germ. Helv. 786. 1837.

"M. effusum var. Gaud. helv. 1. 176.

" confertum Mill. diet. n.4. et L. sp. 90." cited.

[Switzerland]

Milium effusum var. *latifrons* Podpěra, Květena Moravy 6: 405. 1926; Acta Soc. Sci. Nat. Moravy 2: 675. 1926.

"Brno...Hoškovic (Filipka, 1916)! Frýdek: Městský les, hojně (Weeber)!--Čochy, Litomyšl: Zámecký park (Fleischer)!"

Brno = Brunn, Czechoslovakia

Milium effusum var. *Schmidtianum* (C. Koch) Griseb. in Ledeb. Fl. Ross. 4: 445. 1853.

Based on *Milium Schmidtianum* C. Koch

von K. Schmidt aus Grusien erhalten

Grusia = Georgia, Transcaucasia USSR.

Milium effusum var. *subacule* Jans. & Wacht. Nederl.
Kruidk. Archief 44: 234, fig. 4. 1934, without descr.

[Zuiderzee, Netherlands]

Milium effusum var. *variegatum* Ducommun. Taschenb.
Schweiz. Bot. 855. 1869.

[Switzerland]

Milium elegans Beauv. Ess. Agrost. 168. 1812, nom. nud.

Cited (as "sp. nov.") under *Piptatherum*

[Europe]

Milium esculentum Moench, Meth. Fl. 203. 1794.

Based on *Panicum miliaceum* L.

= *P. miliaceum* L. Man. U. S.
India

Milium filiforme Roxb. Hort. Beng. 8. 1814, without
ed. Carey
descr.; Fl. Ind. 1: 316. 1820. Not Lag. 1816.

"grows on pasture ground." India

= *Digitaria longiflora* (Retz.) Pers. in Man.
Grass. W. I.

Milium filiforme Lag. Elench. Plant. 2. 1816.
Gen. & Sp. Nov. 2.
1816, reprint.

"H. in N[ova] H[ispania] -- Introd. ann. 1804 ex
seminibus per D. Sesse missis."

Mexico Introd. from Spain by Sesse

[description suggests *Digitaria sanguinalis*]

Milium frutescens Link, Enum. Fl. 1: 72. 1821.

"Hab. in Oriente....Cl. Sieber semina misit."

Milium frutescens Sieber ex Kunth, Enum. Fl. 1: 177.
1833, as syn. of *Piptatherum multiflorum* Beauv.
Not Link, 1821.

"Herb. Cret."

= *Oryzopsis miliacea* (L.) Benth. & Hook.?

Milium gaditatum Hort. Gorenk. ex Roem. & Schult. Syst.
Veg. 2: 329. 1817, as syn. of *Piptatherum multi-*
florum; Hort. ex Steud. Nom. Bot. ed. 2. 2: 146.
1841, as syn. of *Utrachne parviflora*.

? = *Agrostis miliacea* = *Oryzopsis miliacea* (L.)
Benth. & Hook.

Milium gallicolum Roem. & Schult. Syst. Veg. 2: 320.
1817.

"*Agrostis gallicola* Hortul?"

"Aira capillaris Lagasca varied. de Cienzo. (fide
specimenis a olo. Zea missi)."

Galicia, Spain

Milium globosum Thunb. Fl. Japon 49. 1784.

No loc. cited.

[Japan]

Milium halepense (L.) Cav. Desor. Fl. 306. 1802.

Based on "*Holcus halepensis* L."

= *Sorghum halepense*

"In Syria, Mauritania"

Milium hirsutum Beauv. Ess. Agrost. 13. pl. 5. fig. 5.
1812.

The illustration is recognizable as *Trichachne insu-*
laris (L.) Nees. Beauvois observes that this
species might constitute another genus.

= *Trichachne insularis* Man. U. S.

Milium holciforme (Marsh.-Bieb.) Spreng. Syst. Veg.

1: 251. 1825.

Based on "*Agrostis holciformis* M.B.)"
[Marsh.-Bieb.]

= *Oryzopsis holciformis* (M.-Bieb.) Hook.

"*Tauria meridionali*, circa pagum Alupkam."

Transcaucasus, Russia, Eur.

Milium holciforme var. *soongaricum* Griseb. in Ledeb.

Fl. Ross. 4: 446. 1853.

Based on *Utrachne songorica* Trin. & Rupr. which is
based on *U. grandiflora* Trin.

Tauride = Taurida, Russia, Eur.

Milium holciforme var. *sphaelatum* (Boiss.) Regel,

Bull. Soc. Nat. Moscou 41: 303. 1868.

Based on *Utrachne sphaelata* Boiss.

zwischen Isfahan und Kaschan beim Dorf Ssou,
21 Mai 1849.

[Transkaukasien und Persien]

Milium juncoide Speg. Anal. Soc. Cient. Argentina

16: 126. 1883.

"Hab. In pratis inter sylvas subvirgineas prope
"Tacurupoué" in ditome paraguayensi, Maj. 1883.
leg. el. Carolus v. Gülich."

Argentina

Milium Kochii Mez, Repert. Sp. Nov. Fedde 17: 211. 1921

Milium vernale C. Koch (non alior.) in Linnaea XXI
(1848) 438.

"Armenien, Prov. Eriwan, ohne Standortsangabe
(C. Koch)."

Armenia, Asia

Milium lanatum (H.B.K.) Roem. & Schult. Syst. Veg.

2: 322. 1817.

Based on "*Paspalus lanatus* Humb. et Bonpl."

Basis of *Anthaenanthia lanata* (H.B.K.) Benth.

= *Leptocoryphium lanatum* (H.B.K.) Nees

in regno Mexicano prope Venta del Camaron et Alto del
Peregrino...

Mexico

Milium laterale Regel, Acta Hort. Petrop. 7: 645. 1881,
short Latin descr.

"foliis omnibus involuto setaceis. (In Afghanistan)"

Cites *Piptatherum laterale* Munro as syn.

[error for Munro]

"Munro noch eine Art, *Milium* (*Piptatherum*) *laterale*,
aufgestellt, die Aithison gleichfalls im Thale Kur-
rum Afghanistan's gesammelt hat. Mit Einschluss
dieser letzteren finden sich also in Centralasien die
folgenden Arten der Gattung *Milium*:"

= *Oryzopsis lateralis* (Regel) Stapf

Milium latifolium Cav. Icon. Fl. 3: 37. pl. 273. 1794.

Not Moench, 1794.

"Habitat in Peru."

= *Paspalum racemosum* Lam. Man. U. S.

Grass. Ecuador, Peru, Bolivia

Cult.

Milium latifolium (L.) Moench, Meth. Fl. 204. 1794.
Not Cav. 1794.

Based on *Panicum latifolium* L.

= *P. latifolium* L. Man. U. S.
America

Milium leibergii (Vasey) Lunall, Amer. Midl. Nat.

4: 213. 1915.

Based on *Panicum scoparium* var. *leibergii* Vasey

= *Pan. leibergii* (Vasey) Scribn. Man. U. S.

Milium lendigerum L. Sp. Fl. ed. 2. 91. 1762.

"Habitat in Monspelii. Gouan. O."

France

Gastridium lendigerum Man. U. S.

Milium lendigerum Delile ex Boiss. Fl. Orient. 5: 519.
1884, as syn. of *Gastridium nitens* Boiss. Not L.

= *Triplachne nitens*. (Guss.) Link.

Orient

Milium maritimum Fall. Tabl. Taur. 45 [Nov. Act. Acad.
Sci. Imp. Petrop. 10: 304. 1797, nom. nud.]

U.S.S.R.

Milium maritimum (Lam.) Clem. & Rubio Essay. Vid.

Andaluc. 285. 1807.

Based on "*Agrostis maritima* Lam."

"environs de Narbonne, ...communiqué par M. l'abbé
Fourret"

= *Agrostis palustris* Huds. Man. U. S.

Milium maritimum Koen. & Steud. Nom. Bot. ed. 2.

2: 146. 1841, as syn. of *Zoysia pungens*

= *Zoysia matrella*

India

Milium matrella Poir, ex Steud. Nom. Bot. ed. 2.

2: 146. 1841, as syn. of *Zoysia pungens*.

= *Zoysia matrella*

Milium membranaceum Moench, Meth. Fl. 203. 1794.

"Plantas hortenses" cult.

Digitaria

Milium mexicanum Spreng. Syst. Veg. 1: 251. 1825.

"(*Avena stipoides* W. herb. ex Humb.)"

In herbarium of Willdenow at Berlin

Mexico

= *Piptochaetium fimbriatum* (H.B.K.) Hitchc.

Man. U. S.

Milium microspermum Lag. Elench. Plant. 2. 1816; Gen.
& Sp. Nov. 2. 1816, reprint.

"H. in N[ova] H[ispania]. --Semina communicavit
perill. D. Sesse."

= *Sporobolus microspermus* (Lag.) Hitchc.

[Sesse sent seed from Mexico to Lagasca in Spain]

Milium microspermum Hornem. Hort. Hafn. Suppl. 8. 1819.
Not Lag. 1816.

"Hab. in Canariis?"

Milium minimum Pourr. ex Willk. & Lange, Prodr. Fl.
Hisp. 1: 56. 1861, as syn. of *Gastridium lendigerum*
Gaud.
this = *Gastridium ventricosum* (Gouan) Schinz & Thell.
Spain

Milium minutiflorum Trin. Mem. Acad. St. Petersburg. VI.
Sci. Nat. 1: 121. 1834.

"*Panicum perrottetii* Kunth rev. gr. p. 395. tab. 111.
Agr. syn. p. 96. Senegal" cited as syn.

this = *Digitaria perrottetii* (Kunth) Stapf

Africa

Milium molle (Nees) Kunth, Rev. Gram. 1: 28. 1829.

Based on "*Leptocoryphium molle* Nees ab Esenb."
in altis campis Minarum et versus Paraman. Sept.

Brazil

= *Leptocoryphium molle* Nees

Milium montianum Parl. Fl. Ital. 1: 156. 1848.

"Sicilia" [Sicily]

Milium ? *muhlenbergianum* Schult. Mant. 2: 178. 1824.

"*Milium* (sine nomine) Descript. uber p. 78. n. 3"
without locality [S.C. or Florida]

= *Amphicarpum muhlenbergianum* (Schult.) Hitchc.

Man. U. S.

Milium multiflorum Cav. Fl. Deser. 36. 1802.

Based on "Gouan Illust. 3. nomine *Agrostidis*
miliaceae."

= *Oryzopsis miliacea* (L.) Benth. & Hook.

S. Europe

Milium multiflorum var. *Thomasii* (Duby) Gouan, Nuov.
Giorn. Bot. Ital. n. ser. 17: 60. 1910.

Based on *Milium Thomasii* Duby

Corsica, Promontory Capo-Corso
(Fr. Thomas)

Milium multiflorum Cav. var. *typicum* Fiori, Nuov. Fl.
Anal. Ital. 1: 87. 1923.

Italy

Milium muticum Hort. Berol. ex Spreng. Nov. Prov. Hal.
20 [1819], as syn. of *Gastridium muticum* Gouan, in
Spreng.

Sicily

Milium natans Spreng. Syst. Veg. 1: 250. 1825.

"Rio de la Plata. Sello."

= *Lasiola*

Milium nemorosum (Swartz) Moench, Meth. Fl. Suppl. 67.
1802.

Based on [*Panicum nemorosum*] Swartz

Jamaica

= *Johnanthus nemorosus* (Swartz) Doell

Man. W. I.

Milium nepalense Nees ex Royle, Illus. Bot. Himal.
417. 1839, nom. nud.

India

Milium nigricans Ruiz & Pav. Fl. Peruv. Chil. 1: 47.
1798.

"Colitur in Pillao, Cuchero et Pueblo nuevo."

Peru

= *Sorghum nigricans* (Ruiz & Pavon) Snowden

Milium nigrum Lam. Fl. Franc. 3: 568. 1778.

.... "semine nigro aquilegiae simili. Tournef. 522."

"On trouve cette plante en Provence le long des
chemins & des haies."

France

Milium orinoccense Willd. ex Steud. Nom. Bot. ed. 2.
2: 146. 1841, as syn. of *Panicum aturense* H.B.K.

this = *Homolepis aturense* (H.B.K.) Chase

Venezuela

Milium paniceum Mill. Gard. Diet. ed. 8. 1768.

Based on "*Panicum miliaceum* Lin. Sp."

[India] Man. U. S.

Milium paniceum Swartz, Prodr. Veg. Ind. Occ. 24. 1788.
Not Mill. 1768.

"Jamaica"

= *Digitaria panicea* (Swartz) Urban

Man. Gr. W. I.

Milium paniceum (Willd.) Host, Fl. Austr. 1: 94. 1827.
Not Swartz 1788. Not Mill. 1786.

Based on "*Agrostis panicea* Willd."

Sp. Fl. 1: 363. 1797, error for *Agrostis panicea*
Ait. based on *Alipicurus paniceus* L. ed. 2. Sp. Fl.
90. 1762.

Milium paradoxum L. Syst. Nat. Ed. 10. 872. 1759;
Scep. Fl. Carn. ed. 2. 1: 58. 1772.

Based on "*Agrostis paradoxa* Spec. pl. 6."

= *Oryzopsis paradoxa* (L.) Nutt.

"In Galloprovincia, O. Narbonensi."

France

Milium paradoxum L. misappl. by ? All. Fl. Pedem.
2: 236. 1785.

= *Oryzopsis coerulescens*

Italy

Milium paradoxum var. *typicum* Fiori, Nuov. Fl. Anal.
Ital. 1: 87. 1923.

= *Oryzopsis paradoxa* (L.) Nutt. Italy

Milium paradoxum var. *virescens* (Trin.) Fiori, Nuov.
Fl. Anal. Ital. 1: 87. 1923.

Based on *Uraochne virescens* Trin. 1820.

= *Oryzopsis virescens* (Trin.) Beck.

France

Milium paspalodes Ell. Bot. S. C. & Ga. 1: 104. pl. 6.
fig. 2. 1816.

Based on "*Digitaria paspalodes* Mich." "but misap-
plied to *Axonopus furcatus* (Pidge) Hitchc."

Man. U. S.

= *Pasp. distichum* L.

Man. U. S.

Milium paniciforme "Hort Matrit ex Trin. 1834" Mem.

Acad. St. Petersburg. VI. Sci. Nat. 5: 11. 1842, as

syn. of "*Uraochne parviflora* Trin. Fund. Agrost.

110. 1820." cited;

in this, sub *Uraochne Beauv.* is cited "*parviflora*
(*Agrostis miliacea* L.)" "*miliacea* L." cited as
syn. of *Uraochne parviflora* Trin. Mem. Acad. St.
Petersb. VI. Sci. Nat. 5: 11. 1842. *Agrostis*
miliacea L. is basis of *Oryzopsis miliacea* Benth. &
Hook. ex Aschers. & Schweinf. 1867.

Milium pedicellare (Bornm.) Roshev. ex Melderis in
Rehinger, Ark. för Bot. (Ser. 2) 2: 291. 1952.

Based on *M. vernale* L. var. *pedicellare* Bornm.

Syria

Milium phleoides Sweet, Hort. Brit. ed. 2. 555. 1830,
nom. nud.

Ind. or.

Milium poseiforme Bal. Bull. Soc. Bot. France 5: 170.
1858, as syn. of *M. trichopodium* Boiss.

= *M. trichopodium* Boiss.; this is basis of *Zingeria*
trichopoda (Boiss.) P. Salm.

Asiatic Turkey

[Kotschy 41.]

Milium polystachyon (H.B.K.) Spreng. Syst. Veg. 1: 251.
1825.

Based on "(*Eriochloa polystachya* Humb.)"

" " " H.B.K.

Ecuador

Milium pulcher Roxb. Hort. Bengal 6. 1814, without
descr. [not in Roxb. Fl. Ind. 1820]

"China (Mr. W. Kerr 1809)"

Milium punctatum L. Syst. Nat. ed. 10. 2: 872. 1759.
(May, Jun.) Acad. 5: 392. 1759 [1760. Sept.
fide Richter, Codex L.]

"insula Americae Jamaicae."

Man. U. S.

= *Eriochloa punctata* (L.) Desv. ex Hamilt.

Milium pungens Torr. in Spreng. Neue Entd. 2: 102. 1821.

"Soheneotady in Massachusetts" error [for *M. I.*]

---*Milium* n. 3. Muhlenb. gram. p. 78."

= *Oryzopsis pungens* (Torr.) Hitchc. Man. U. S.

Milium purpureum La Peyr. Hist. Abr. Fl. Pyr. 33. 1813.

Cites: Lapey. Fl. Pyren. t. 54."

"Sur la M. de Fort-Sarral, du côté de Millas.
Pyr.-Or."

= *Oryzopsis purpurea* (La Peyr) Richt.

Europe

Milium racemosum J. E. Smith in Rees's Cycl. 23:

Milium no. 15. 1813.

Lancaster, Pa. Muhlenberg.

= *Oryzopsis racemosa* (J. E. Smith) Ricker ex Hitchc.

Man. U. S.

Milium ramosum Retz. Obs. Bot. 6: 22. 1791.

"Ex India Orientali"

Milium rigidifolium (Poir.) Roem. & Schult. Syst. Veg. 2: 319. 1817.

Based on "*Agrostis rigidifolia* Poir."

"Croft a l'île de Saint-Domingue"

Santo Domingo, West Indies

= *Isachne rigidifolia* (Poir.) Urban Man. W. I.

Milium rigidum Poir. in Lam. Encycl. Suppl. 1: 257. 1810, as syn. of *Agrostis rigidifolia* Poir.

= *Isachne rigidifolia* (Poir.) Urban. Man. W. I.

Milium roseum Spreng. Syst. Veg. 1: 251. 1825.

"Ins. Mascaren. (*Panicum roseum* Willd. herb.)" Isl. Indian Ocean

Milium sanguinale Roxb. Hort. Beng. 8, 1814, without ed. Carey desor.; Fl. Ind. 1: 317. 1820.

Roxb. cites: *Panicum sanguinale*. Burm. Flor. Ind. t. 10. f. t.

"A native of pasture ground."

India

= *Digitaria sanguinalis* (L.) Scop. probably. [fig. very poor.]

Milium scabrum L. Rich. in Merlet, Herbor. Maine-et-Loire 131. 1809.

"*Milium scabrum*.--Millet scabre. Nouvelle espèce trouvée en 1789, près Thouars." [This is complete description from book at Arnold Arboretum]

uncertain

[Presumably L. Rich. born in 1754]

Milium scabrum (Presl.) Guas. Fl. Sia. Prodr. 1: 54. 1827. Not Rich. 1809.

Based on "*Gastridium scabrum* Presl."

Sicily

Milium scabrum Rich. var. *montianum* Strobl ex Lojac. Fl. Sioul. 3: 293. 1909.

"Strobl Fl. nebr. p. 104. M. montianum Parl."

Sicily

Milium scopoliianum Willm. ex Steud. Nom. Bot. ed. 2. 2: 146. 1841, as syn. of *Uraclia virescens* Trin.

= *Oryzopsis paradoxa* (L.) Nutt.

France

Milium schmidtianum C. Koch, Linnaea 21: 438. 1848.

"Von K. Schmidt aus Grusien erhalten"

Grusia = Georgia

Transcaucasia, Russia, Eur.

Milium setaceum Koen. ex Steud. Nom. Bot. ed. 2. 2: 146. 1841, as syn. of *Paspalum granulare* Trin.

= "*Panicum granulare*"

= *Digitaria granularis* (Trin.) Henr.

Based on *Paspalum granulare* Trin.

"*Milium setaceum* König im Herbarium des Herrn Barons v. Jacquin, aus der Banksischen Sammlung."

India or.

Milium setosum J. E. Smith in Rees's Cycl. 23: *Milium* No. 11. Apr. 1813.

"Gathered in the Sandwich islands, likewise [*angulosum*] by Mr. Mensies."

Hawaiian Isl.

Milium sorghum (L.) Cav. Desor. Fl. 306. 1802.

Based on "*Holcus sorghum* Lin."

= *Sorghum cernuum* Host.

India

Milium sorgo Garsault, Fig. Pl. Anim. Med. t. 387. 1764

Desor. Fl. Anim. 232. 1767; Thell. Bull. Herb. Boiss.

II. 8: 793. 1908 [This is Nomenclator Garsaultianus, a list of the names in Garsault's publication with Thellung's identifications]

= *Andropogon Sorghum* (L. 1753 sub *Holcus*) Brot.

Milium sparsum Mill. Gard. Diet. ed. 8. no. 2. 1768.

No loc cited

Milium striatum Buch.-Hamilt. ex Wall. List No. 8747A. 1849, nom. nud.

India

Milium strictum Willd. ex Steud. Nom. Bot. ed. 2.

2: 146. 1841, as syn. of *Andropogon mollis* (Nees)

Kunth

= *Trachypogon mollis* Nees

Uruguay

Milium tenellum Cav. Icon. Pl. 3: 37. pl. 274. fig. 1. 1794.

"Habitat in arenosis prope oppidum vulgo Poble tornesa."

Spain

Milium thomasi Duby in DC. Bot. Gall. 1: 505. 1828.

Basis of *Oryzopsis miliacea* var. *thomasi* (Duby) Richt.

"in rupestribus Corsicae ad promontorium Capo-Corso diotum reperiit Ph. Thomas."

Milium tomentosum Koen. ex Rottl. Ges. Naturf. Freunde Berlin Neue Schrift. 4: 220. 1803.

"Intra fissuras rupium in monte Wandiwash."

Basis of *Digitaria tomentosa* (Koen.) Henr.

India

Milium transcaucasicum Tzvel. Not. Syst. ex Herb. Instituti Bot. Nom. V. L. Komarovii Acad. Scient. URSS. 20: 23. 1960.

Typus. Azerbaidzhan, prov. Nachitshevan, distr. Schachbuz,-----regionis montanae superioris ad occidentem a pago Biczenach, 23 VI. 1957, No. 386, N. Tzelev et S. Czerepanov. In Herb. Inst. bot. Acad. Sci. URSS (Leningrad) conservatur.

"Affinitas.---M. Schmidtiano C. Koch et M. effuso L. affinis.---"

Milium transsilvanicum Schur, Enum. Pl. Transsilv. 741. 1866.

"In Gebirgswäldern, in der oberen Buchen und Tannen-region....Glimmerschiefer, Foga-raser-Arpaser Gebirge"

Rumania

Milium transsilvanicum var. *Lerchenfeldianum* Schur, Enum. Pl. Transsilv. 741. 1866.

"In Gebirgswäldern bei Kronstadt. Kalk. (Lerchenfeld 1785)."

Transylvania, Rumania

Milium treutleri Kuntze, Rev. Gen. Pl. 2: 780. 1891.

= *Cyathopus sikkimensis* Stapf, et

= *Deyeuxia treutleri* Stapf [see Hook. Icon. pl. 24, sub t. 2395 & 2396 in obs. 1895]

"Sikkim beim Dorf Shimong...Von Treutler unter Nr. 486, 5/VIII 1874, 3300 m Sikkim gesammelt laut Herb. Kew."

India

Milium trichopodum Boiss. Diagn. Pl. Orient. Nov. 2¹³: 45. 1853 [1854]

"Hab. in palude exsiccata spongiosa herbida Antilibani inter Bascheya et Damascus, legi quoque in Antilibano supra Zebdani, in Mesopotamia inter Orfa et Suerek Kotschy No. 41."

Basis of *Zingeria trichopoda* (Boiss.) F. Smirn.

Milium trichopodum var. *poseiforme* Boiss. Fl. Orient. 5: 511. 1884.

Based on M. poseiforme Boiss et Bal. this = *Zingeria trichopoda* (Boiss.) F. Smirn.

Asiatic Turkey [Kotschy 41]

Milium undulatifolium Moench, Meth. Pl. 202. 1794.

"*Panicum hirtellum* L." cited as synonym; no reference to *Panicum undulatifolium* Ard. 1764.

garden plant. Europe

Milium velutinum DC. Cat. Hort. Monsp. 126. 1813.

"Hab. in Mexico"

Coll. Sessé

= *Digitaria velutina* (DC) Hitchc.

Basis of *Panicum leucites* Trin. and of *Digitaria leucites* (Trin.) Henr.

Milium vernale Marsch.-Bieb. Fl. Taur. Cauc. 1: 53. 1808

"Habitat in Tauriae et Caucasi subalpini collibus."

Caucasus, U.S.S.R.

Milium vernale Van HOLL, Syn. 32. 1821; Kunth, Enum. Fl. 1: 66. 1833, as syn. *Milium effusum* L. Not Marsch.-Bieb. 1808.

Cited as: "Hall, H. C. van in Fritzel specimen botanicum exhibens synopsis graminum indigenorum Belgii..."

Belgium

Milium vernale ssp. *montianum* (Parl.) Trabut ex Roberger & Maire, Cat. Pl. Maroc. 4: 928. 1941. [see Coss. & Dur. 1885]

Based on *Milium montianum* Parl.

Sicily

Milium vernale var. *montianum* (Parl.) Coss. & Dur.

Expl. Sci. Alger. 2: 72. 1854 (1855)*

same (Parl.) Fiori, Nuov. Fl. Anal. 1: 87. 1923.

Based on "*Milium montianum* Parlat."

Sicily

*Stearn says that sheets 1-15 (i.e. pp. 1-120) forming pt. 1, were printed between Oct. 1854 and Apr. 1855.

Milium vernale var. *pedicellare* Borm. Beih. Bot. Centralbl. 31: 267. 1914.

"Antilibanon, westl. Abhänge bei Baalbek, ... (nr. 12925)."

Mt. Baalbek Syria

Milium vernale var. *scabrum* (L. Rich.) Richt. Fl. Bur. 1: 34. 1890.

same comb., same basis Paumero. Anales Bot. Cavanilles XI 1: 363. 1953.---same Fiori, Nuov. Fl. Anal. Ital. 1: 87. 1923.

Based on *Milium scabrum* L. Rich.

trouvée en 1789, près Thouars

Milium vernale var. *typicum* Fiori, Nuov. Fl. Anal. Ital. 1: 87. 1923.

= *M. vernale* Marsch.-Bieb. which see

Milium vernale var. *vulgare* Coss. & Dur. Expl. Sci. Alger. 2: 72. 1854 (1855)*

"Hab. In Algeria nondum visum."

*Stearn says that sheets 1-15 (i.e. pp. 1-120) forming pt. 1 were printed between Oct. 1854 and Apr. 1855.

Milium verticillatum Boiss. & Bal. Bull. Soc. Bot. France 5: 169. 1858.

"Hab. in pratis regionis montanae jugorum Almadagh et Mouraddagh (Phrygiae) alt. 1200 metr. ol. Balansa."

"Bal. pl. Cr. exsicc. no. 1330 [1857]"

Alma Dagh = Asiatic Turkey

Milium villosus Swartz, Prodr. Veg. Ind. Ooc. 24. 1788.

= *P. insulare*

"*Andropogon insulare* L." cited.

"India occidentalis."

= *Trichachne insularis* Man. W. I.

Milium virescens Borbás, Math. Termesz Közlem 15: 309. 1878.

"Trin. sub *Uraohne*" [*Uraohne virescens* Trin. Based on "*Milium paradoxum* Scop." which is based on "*Agrostis paradoxa* [L.] Spec. pl. 6" [no. 6] p. 62.]

= *Oryzopsis paradoxa* (L.) Nutt.

[France]

Milium virgatum (L.) Lunell, Amer. Midl. Nat. 4: 212. 1915.

Based on *Panicum virgatum* L.

= *Pan. virgatum* L. Man. U. S.

Virginia [Clayton 578]

Milium virgatum var. *elongatum* (Vasey) Lunell, Amer. Midl. Nat. 4: 212. 1915.

Based on *Panicum virgatum* var. *elongatum* Vasey S. Dak.

= *P. virgatum* L. Man. U. S.

Milium vulgare Mérat, Nouv. Fl. Paris ed. 2. 2: 7. 1821.

Several species of *Agrostis* cited with statement that they should be vars. but transfers not actually made.

Listed as

"Var. A.	<i>Agrostis vulgaris</i> Hoffm.
"B.	<i>divaricata</i> Hoffm.
"C.	<i>verticillata</i> Vill.
"D.	<i>alba</i> L.
"E.	<i>stolonifera</i> L."

Europe

Milium wilcoxianum (Vasey) Lunell, Amer. Mid. Nat. 4: 213. 1915.

Based on *Panicum wilcoxianum* Vasey

= *P. wilcoxianum* Vasey Man. U. S.

Nebraska [Port Niobrara], Wilcox in 1888.

Milium Willdenowii Lojac. Fl. Sicul. 3: 292. 1909.

[no reference to a Willdenow name]

Sicily

Milium zomatum Llanos, Fraga. Fl. Filip. 24. 1851.

"Habita orillas de los charcos y de los caminos."

[Philippines]

= *Eriochloa ramosa* Kuntze fide Merr.

Miquelia barbulata Nees, Nov. Act. Acad. Caes. Leop.

Carol. 19: Suppl. 1: 46. 1841; 178. 1843.

"In Promontorio Syng-moon [Meyen, coll.]

Basis of *Garnotia barbulata* (Nees) Merr.

China

Miquelia courtallensis Walk.-Arn. & Nees ex Nees, Nov.

Act. Acad. Caes. Leop. Carol. 19: Suppl. 1: 47. 1841; 179. 1843.

"Ind. or. Wight n. 2346." In Courtallum, Wight

Basis of *Garnotia courtallensis* (Arn. & Nees) Thwaites

South India

Miquelia elata W. Arn. Verh. Nederl. Inst. III. 4: 32.

1851, as syn. *Berghausia elata* Arn.

= *Garnotia elata* (W. Arn.) Jan.

India

Miquelia emodi Walk.-Arn. & Nees; Nees, Nov. Act. Acad.

Caes. Leop. Carol. 19: Suppl. 1: 46. 1841; 178. 1843.

"Herb. Royle n. 33. In Emodi iugo, Royle"

Basis of *Garnotia emodi* (Arn. & Nees) Janows.

India

Miquelia pallens W. Arn. Verh. Nederl. Inst. III.

4: 33. 1851, as syn. *Berghausia pallens* Arn.;

this basis of *Garnotia pallens* (Arn.) Jan.

India

Miquelia tenella W. Arn. in Miq. Verh. Nederl. Inst. III.

4: 34. 1851, as syn. *Berghausia tenella* W. Arn.

= *Garnotia tenella* (Arn.) Jan.

Miscanthidium antsiranense A. Camus, Bull. Soc. Bot.

France 106: 338. 1959.

Madagascar. Centre: environs d'Antsirabé, Perrier 10753, type; Perrier 17797; endroit humides, vers 1,500 m.

"Les épillets terminaux sont souvent imparfaits, à arête plus grêle, fine, dépassant à peine les glumes."

Miscanthidium capense Stapf in Frain, Fl. Trop. Afr.

9: 91. 1917.

Based on *Erianthus capensis* Nees

Africa

Miscanthidium capense var. *villosus* (Stapf) Phil.

Introd. So. Afr. Grasses 89, 218. 1931.

Based on *E. capensis* var. *villosa* Stapf

So. Africa

Miscanthidium erectum Stent & Hubbard, Kew Bull. Misc.

Inf. 1928: 36. with fig. 1928.

"South Africa: Natal: Eshewe, March 1927, Kotze 246. Also common on the outskirts of Zululand forests (Kotze)"

Miscanthidium fuscescens Pilger, Notizbl. Bot. Gart.

Berlin 11: 806. 1933.

"Bez. Ikinga nördlich des oberen Ruhudje: Issovi, Meina, in Fori (Mai 1931.---Schlieben n. 1010; Typus)."

Tanganyika Terr. Africa

Miscanthidium Gossweileri Stapf, Fl. Trop. Afr.

9: 90. 1917.

"Lower Guinea. Angola: Benguella...along rivers Tiengo and Kiuto Gossweiler, 4032! along the Luasenha lutohi rivulet, Gossweiler 3067! Humpata, Newton 24!"

Africa

Miscanthidium junceum (Stapf) Stapf, in Hook. Icon. Fl.

31: 2 [tabl. 3084]. 1922.

Based on *Erianthus junceum* Stapf

So. Africa

Miscanthidium sorghum (Nees) Stapf, in Frain, Fl. Trop.

Afr. 9: 91. 1917.

Based on *Erianthus sorghum* Nees

Africa

Miscanthidium teretifolium (Stapf) Stapf, Fl. Trop. Afr.

9: 89. 1917.

Based on *Erianthus teretifolius* Stapf

[Southern Rhodesia] Africa

Miscanthidium viguieri (A. Camus) A. Camus, Bull. Soc.

Ent. France 106: 339. 1959.

Based on *Erianthus viguieri* A. Camus--1924 - the type from the center of Madagascar, [province de l'Itasy, district des Mitsamy--] (Viguieri et Humbert 1721---27 Nov. 1912.)

Miscanthidium violaceum (K. Schum.) Robyns, Fl. Agrost.

Congo Belge 82. 1929.

Based on *Erianthus violaceus* K. Schum.

Africa

Miscanthus affinis Makino, Bot. Mag. Tokyo 28: 168.

1914, as syn. of *Pollinia quadrinervis* Hack.

this = *Eulalia quadrinervis* (Hack.) Kuntze as to name.

Bases of *Pseudopogonatherum quadrinerve* (Hack.) Ohwi

[Hackel's type is from Canton, see type card]

Miscanthus boninensis Nakai ex Honda, Bot. Mag. Tokyo

42: 130. 1928.

"*Miscanthus condensatus*, (non Hack.) Matsumura Ind. Fl. Jap. II, 1. (1905) p. 64 pro parte; Nakai in Tokyo Bot. Mag. XXXI. (1917) p. 14 pro parte."

"Bonin: sine loco speciali (B. Kawata, anno 1910); sine loco speciali (Okada, anno 1887); Suzuki (S. Nishimura, no. 43 et 90, anno 1912)."

Islands of North Pacific

Miscanthus brevipilis Hand.-Mazz. Symb. Sinicæ

76/ 1306. 1936.

"NW - Y. [Yunnan]: Föhrenwälder der tp. St. am Hange des Waha bei Yungning, 3200 m, 19. VII. 1915 (7073, Typus) [Handel-Mazzetti, Collector]

China

Miscanthus capensis (Nees) Anderss. Öfv. Svensk. Vet.

Akad. Förh. 12: 165. 1855.

Based on *Erianthus capensis* Nees

So. Afr. "Zwartkopsrivier Pauli Maré (Uitenhage), Ekilon; Key Fluvii (Dröge)."

Afr. Austr.

Miscanthus condensatus Hack. Bull. Herb. Boiss.

7: 639. 1899.

"Coll. Matsumura: in ins. Hachijoo, prov. Izu."

[Japan]

"aff. *M. purpurascens* Anderss."

Miscanthus corensis Hack. Bull. Herb. Boiss. II.

4: 531. 1904.

"Korea, loco speciali non indicato"...ex collect. Matsumura." [no. 36. Oct. 1900]

Miscanthus ootulifera (Thunb.) Benth. Journ. Linn. Soc.

Bot. 19: 65. 1881.

Based on "*Eulalia ootulifera* Munro." - this based on *Andropogon ootuliferum* Thunb.

[Japan]

Miscanthus depauperatus Merr. Philippine Journ. Sci.

Bot. 5: 170. 1910.

"Negros, Carlaon Volcano....Merrill April 12, 1910."

Philippines

Miscanthus eulalioides Keng, Sinensia 10: 288. 1939.

(*M. eulalioides* Keng ex Hand.-Mazz. Symb. Sinicæ 7 (no. 5): 1307. 1936, nom. nud.)

"Type in the U. S. National Herbarium No. 121442, collected from eastern slopes of Likiang Snow Range, Yangtze Water-shed, Yunnan Province, China, 1923 - by J. F. Rock (No. 10832)."

Miscanthus flavidus Honda, Bot. Mag. Tokyo 37: 113.

1923.

"Formosa: Tentyozan (E. Matsuda, no. Gram. 21, anno 1919)."

Miscanthus floridulus (Labill.) Warb. ex Schum. &

Laut. Fl. Deutsch. Schutzgeb. Südsee 166. 1901.

Name based on *Saccharum floridulum* Labill.

Pagan Isl.

Fossil: Pacific Science 12: 8. f. 6. Jan. 1958, coll. Fosberg & Corwin, Nova Caledonia South Pacific

Miscanthus formosanus A. Camus, Bull. Mus. Hist. Nat.

(Paris) 30: 514. 1924.

"Formosa: Kelung, littoral (Faurie no. 704)."

Miscanthus fuscus (Roxb.) Benth. Journ. Linn. Soc. Bot.

19: 65. 1881.

Based on "*Eriochrysis fusca* Trin."

[*Saccharum fuscum* Roxb.]

Bengal, India

Miscanthus Gossweileri (Stapf) Pilger in Engl. & Prantl,

Pflanzenfam. ed. 2. 14a: 113. 1940.

Based on [*Miscanthidium Gossweileri* Stapf]

Gossweiler 3067---4032; Newton 24.

Angola

Miscanthus Hackellii Nakai, Bot. Mag. Tokyo 23: 107. 1909.

"Korea: circa Tai-pō (T. Uchujama!)"

Miscanthus hackellii var. *breviberbis* Honda, Journ. Fac.

Sci. Univ. Tokyo Sect. III, Bot. 3: 391. 1930.

"Kiusiu: Uemura, prov. Higo (K. mayebara, no. 343, ann. 1929)."

Japan

Miscanthus hidakanus Honda, Journ. Fac. Sci. Univ.

Tokyo Sect. III, Bot. 3: 379. 1930.

"Yezō: Samani, prov. Hidaka (T. Nakai, ann. 1928)."

Japan

Miscanthus intermedius (Honda) Honda in Nakai, Icon.

Fl. Asiae Orient. 1: 64. pl. 29. 1936.

Based on *Miscanthus longiberbis* var. *intermedius* Honda

Honshu: (Y. Satake, no. 321 1932)

Japan

Miscanthus ionandros Nakai, Bot. Mag. Tokyo 30: 13. 1916

"Hab. Corea: Seoul (T. Nakai). Hondo: Koshigoe prov. Swruga (T. Nakai n. 3997)."

Miscanthus japonicus Anderss. Öfv. Svensk. Vet. Akad.

Förh. 12: 166. 1856.

[Merrill uses 1855: 166. 1856 for this]

Anderss. cites: "*S. polydactylon* Thunb." but *S. japonicum* not mentioned.

Anderss. also cites *Eulalia japonica* Trin....(partim)

Andersson species is based on: "*Japonia* (Zolling. n. 28)"

Japan

"*Miscanthus japonicus* (Thunb. or Houtt.) Anderss."

misappl. by Merr. & others. Merrill, Enum. Philippine Fl. 1: 31. 1925. [*Miscanthus japonicus* Anderss. is not based on *Saccharum japonicum* Thunb. (see card).]

"Thunberg's *S. japonicum* probably = *M. sinensis* as in Man. 1: 885. 1935. Hackel also gives *Saccharum japonicum* Thunb. as syn. of *M. sinensis*. It is not *Miscanthus japonicus* Anderss." (acc. to Hitchc. and Hack.)

Miscanthus japonicus var. *formosanus* A. Camus, Bull.

Mus. Hist. Nat. (Paris) 25: 670. 1919.

"Formosa: Kelung (Faurie, no. 704, ann. 1903)."

Miscanthus kanehirai Honda, Bot. Mag. Tokyo 42: 132.

1928.

"Formosa: in caumine australi montis Kiraishuzan (R. Kanehira et S. Sasaki, no. 74, anno 1918)."

Miscanthus kokusanensis Nakai & Honda, Journ. Fac.

Sci. Univ. Tokyo Sect. III, Bot. 3: 388. 1930.

"Corea: ins. Daikokuzanto (T. Ishidoya et T. Tei, no. 3356, ann. 1919); ins. Higashijima (T. Nakai, no. 10754 et 10756, ann. 1928); ins. Nishijima (T. Nakai, no. 10755, ann. 1928)."

Miscanthus kokusanensis var. *variegatus* Nakai & Honda

in Nakai, Bull. Nat. Sci. Mus. 31: 140. 1952.

Based on *Miscanthus kokusanensis* f. *variegatus* Honda, Monogr. Poac. Japon 388. 1930. "Corea: ins. Nishijima (T. Nakai, no. 10753--1928)."

Korea

Miscanthus kokusanensis f. *variegatus* Nakai & Honda,

Honda, Monogr. Poac. Japon 388. 1930.

"Corea: ins. Nishijima (T. Nakai no. 10753, anno 1928)."

Korea

Miscanthus littoralis Honda, Journ. Fac. Sci. Univ.

Tokyo Sect. III, Bot. 3: 388. 1930.

"Hondo: Sukegawa, prov. Hitachi (T. Nakai, ann. 1929) ibidem (A. Kimura, ann. 1929)."

Japan

Miscanthus longiberbis (Hack.) Nakai, Bot. Mag. Tokyo

30: 12. 1916.

Based on "*M. matsumurae* var. *longiberbis* Hack."

Korea

Miscanthus longiberbis var. *intermedius* Honda, Bot.

Mag. Tokyo 47: 296. 1933.

"Honshu: Yuzawa, prov. Ugo (Y. Satake, no. 321, anno 1932 - typus in Herb. Imp. Univ. Tokyo)."

Japan

Miscanthus luzonensis Anderss. Öfv. Svensk. Vet. Akad.

Förh. 12: 166. 1855.

"Hab. in insula Luzonia (Cuming, n. 787 et 1841)."

Philippine Islands

Miscanthus matsudae Honda, Bot. Mag. Tokyo 37: 114.

1923.

"Formosa: Saramao, Nanto (E. Matsuda, no. Gram. 12, anno 1919)."

Miscanthus matsudae var. *glabrescens* Honda, Bot. Mag.

Tokyo 42: 130. 1928.

"Hab. Formosa: Saramao (E. Matsuda, no. 12, anno 1919)."

Miscanthus matsumurae Hack. Bull. Herb. Boiss. 7: 640.

1899.

[Hack. ex Matsumura, Bot. Mag. Tokyo 11: 442. 1897, Japanese notes]

"Coll. Matsumura: in monte Fuji, prov. Suruga"

Japan

Miscanthus matsumurae var. *longiberbis* Hack. Bull. Herb.

Boiss. II. 4: 532. 1904.

"Prope Tsohu-en-li..."

Korea

Miscanthus miser Nakai, Bot. Mag. Tokyo 52: 517. 1938.

Honshu: Kamitugi, ins. Miyake, prov. Izu (K. Hayasi, No. 44, anno 1937); in monte Oyama, ins. Miyake, prov. Izu (K. Hayasi, no. 45 anno 1937); ins. Agosima, prov. Izu (N. Matuzaki, anno 1920).

Japan

Miscanthus nakaianus Honda, Bot. Mag. Tokyo 42: 130.

1928.

"Corea: inter Senpo et Bankoku in Kōgendō (T. Nakai, anno 1916)."

Miscanthus neo-coreanus Honda, Bot. Mag. Tokyo

49: 694. 1935.

[spelled neo-koreanus Ohwi, Acta Phytotax & Geobot. 11: 147. 1942.
spelled neo-coreana in Index Taiholsensis III]

"Chosen in monte Hakufusan (800 m.), Zenra-nandô (T. Nakai, anno 1934--typus in Herb. Imp. Univ. Tokyo)."

Korea

Miscanthus nepalensis (Trin.) Hack. in DC. Monogr.

Phan. 6: 104. 1889.

Based on *Eulalia nepalensis* Trin.

Nepal - India

Miscanthus nudipes (Griseb.) Hack. in DC. Monogr. Phan.

6: 109. 1889.

Based on *Erianthus nudipes* Griseb.

Sikkim [Hooker] nr. 10. India

Miscanthus nudipes ssp. *yunnanensis* A. Camus, Bull.

Mus. Hist. Nat. (Paris) 25: 670. 1919.

"Chine: Yun-nan, collines arides à Tong-chouan... (Maire, année 1914)" [Asie. Orientale]

Miscanthus obscurus (Steud.) Jacks. Ind. Kew 2: 774.

1895; in Koidz. Fl. Symb. Or-Asiat. 81. 1930.

Kew: "Saccharum obscurum Steud. Syn. Fl. Gram. 407. (*Miscanthi* sp.)---Japan"

Koidz. adds after S. obscurum Steud. "non Trin."

Miscanthus ogiformis Honda, Bot. Mag. Tokyo 53: 100.

1939.

"Hab. Kyusyu: Misinoura, prov. Higo (K. Mayebara, no. 3575, anno 1937--typus in Herb. Imp. Univ. Tokyo)."

Japan

Miscanthus oligostachyus Stapf, Kew Bull. Misc. Inf.

1898: 227. 1898.

"Japan. Nikko Mts. Maries."

Miscanthus oligostachyus f. *ciliatus* Hiyama, Journ.

Jap. Bot. 19: 226. 1943.

"Honsyu: Prov. Sagami, Negoya (R. Kubota, Jul. 1930--in Herb. Mus. Tokyo). Sikoku: Prov. Iyo (H.M.T. no. 57769).

Japan

Miscanthus polydaetylos (L.) Voss ex Vilm. Blumengarten.

1: 1191. 1896.

[1895 in Ind. Kew Suppl. 9]

Based on *Andropogon polydaetylos* L. [misapplied]

[Linn. species is *Chloris polydaetyla* (L.) Sw.] Maw.W.

"Brown jam. 364 [2647]"

Habitat in Jamaica

Miscanthus purpurascens Anders. Öfv. Svensk. Vet. Akad.

Förh. 12: 167. 1855.

"Patria ignota verosimiliter autem Japonia aut China."

Basis of *M. sinensis* var. *purpurascens* (And.) Rendle.

Miscanthus pycnocephalus Honda, Bot. Mag. Tokyo 42: 131.

1928.

"Kiusiu: Yumoura, prov. Higo (K. Mayebara, no. 244, anno 1926)"

Japan

Miscanthus pycnocephalus var. *purpurascens* Honda, Bot.

Mag. Tokyo 42: 132. 1928.

"Kiusiu: Sashiki, prov. Higo (K. Mayebara, no. 232, anno 1926)."

Japan

[basis of *M. sinensis* f. *porphyrocephalus* Ohwi]

Miscanthus robustus Nakai, Bull. Nat. Sci. Mus.

31: 140. 1952, nom. nud.

Korea

Miscanthus ryukyensis Honda, Bot. Mag. Tokyo

51: 58. 1936.

"Hab. Ryukyu: Naha (C. Gusuikuma, no. 1, anno 1936--typus in Herb. Imp. Univ. Tokyo)."

Miscanthus saccharifer Benth. Journ. Linn. Soc. Bot.

19: 65. 1881, based on "*Imperata saccharifera* Anders.) from North China" cited; error, not a published name.

Hackel (Monogr. 102) cites this as "*lappu calami?*" Benth." sub *Miscanthus sacchariflorus* (Maxim.) Hack.

Miscanthus sacchariflorus (Maxim.) Hack. in Engl. &

Frantl, Pflanzenfam. 2: 23, 102. 1887.

Based on *Imperata sacchariflora* Maxim.

East Sibiria

Miscanthus sacchariflorus var. *brevibarbis* (Honda)

Adati, Bull. Fac. Agric. Mie Univ. 17: 57. 1958.

nom. nud.

Japan

Miscanthus sacchariflorus f. *latifolius* Adati, Bull.

Fac. Agric. Mie Univ. 17: 59. 1958. nom. nud.

Japan

Miscanthus sieboldi Honda, Journ. Fac. Sci. Univ.

Tokyo Sect. III, Bot. 3: 392. 1930.

Erianthus tinctorius Siebold, Verh. Batav. Gen. XII (1830) p. 384, nom. nud. cited.

Hondo: many spec. cited.

Japan

Miscanthus sinensis Anders. Öfv. Svensk. Vet. Akad.

Förh. 12: 166. 1855.

"Hab. in China (Cap. Syng-Hoon: Meyen 1837)."

Signature date is March 14, 1855.

Miscanthus sinensis var. *condensatus* (Hack.) Makino,

Bot. Mag. Tokyo 27: 254. 1913.

Based on *M. condensatus* Hack.

Matsumura: ins. Hachijoo, prov. Izu [Japan]

Miscanthus sinensis Anders. var. *coreensis* (Hack.)

Chung, Man. Grasses Korea 32. 1955; Journ. Wash.

Acad. Sci. 45: 215. 1955.

Based on *Miscanthus coreensis* Hack.

Korea

Miscanthus sinensis var. *coriaceus* Nakai ex Mori, T.

Enum. Fl. Corea 47. 1922, nom. nud.; Nakai, Bull.

Sci. Nat. Mus. 31: 140. 1952, nom. nud.

Corea

Miscanthus sinensis f. *crassiracemus* Ohwi, Acta Phytotax.

& Geobot. 11: 150. 1942.

"*M. coreensis* Hack.from desor."

"*Makianus* Honda..."

"Typus: Korea: Chimmampo, leg. U. Faurie n. 824."

Miscanthus sinensis var. *decompositus* (Nakai) Honda,

Journ. Fac. Sci. Univ. Tokyo Sect. III, Bot. 3: 384.

1930.

Based on *Miscanthus sinensis* f. *decompositus* Nakai, Tokyo Bot. Mag. 31: 16. 1917.

Hondo: Tokiwano prov. Mutsu (R. Yatabe)... and others.

Miscanthus sinensis f. *decompositus* Nakai, Bot. Mag.

Tokyo 31: 16. 1917. [description in key only]

"Hondo: Tokiwano prov. Mutsu (R. Yatabe)---and others"

"Icon. Zôho-Chikinshô 7. fol. 2. 1910"

Miscanthus sinensis var. *formosanus* Hack. Bull. Herb.

Boiss. Ser. II. 4: 526. 1904.

"Prope Polisja; ex coll. Matsumura."

"Formosa, Polisja"

Miscanthus sinensis var. *formosanus* f. *glaber* Nakai,

Bot. Mag. Tokyo 31: 17. 1917. No desor.

"Formosa: Hachirihō (S. Sasaki) Naihoshō (Y. Shimada)."

Miscanthus sinensis var. *formosanus* f. *typicus* Nakai,

Bot. Mag. Tokyo 31: 17. 1917.

Formosa

Miscanthus sinensis f. *glaber* Honda, Bot. Mag. Tokyo

51: 58. 1936.

"Honsyu: Ôsida, prov. Rikutyû (G. Toba, no. 529, anno 1930--typus in Herb. Imp. Univ. Tokyo)."

Japan

Miscanthus sinensis var. *gracillimus* Hitchc. in Bailey,

Cycl. Amer. Hort. 1021. f. 1408. 1901.

hort.

"(*Eulalia gracillima* univittata, E. Japonica gracillima etc.)" not Kuntze 1891

Japan

Miscanthus sinensis f. *gracillimus* (Hitchc.) Ohwi, Acta

Phytotax. & Geobot. 11: 149. 1942.

Based on *M. sinensis* var. *gracillimus* Hitchc.

Japan

Miscanthus sinensis f. *hashimotoi* Ohwi, Acta Phytotax.

& Geobot. 11: 150. 1942.

"Hab. Hondo: Ohta in Ohtsu in Omi (leg. C. Hashimoto)."

Japan

Miscanthus sinensis var. *intermedius* Hack. ex Matsum.

Ind. Fl. Jap. 2: 66. 1905, nom. nud.

Japan

Miscanthus sinensis var. *ionandrus* Nakai, Catal. Semin.

1918: 4. 1918, nom. nud.

Japan

Miscanthus sinensis Anders. var. *ionandrus* (Nakai)
Chung, Man. Grasses Korea 34. 1955; Journ. Wash.
Acad. Sci. 45: 215. 1955.

Based on *Miscanthus ionandrus* Nakai
Japan

Miscanthus sinensis var. *longiberbis* (Hack.) Chung,
Man. Grasses Korea 33. 1955; Journ. Wash. Acad. Sci.
45: 215. 1955.

Based on *Miscanthus matsumurae* Hack. var. *longiberbis*
Hack.

Type loc: Changwouri, Korea

Miscanthus sinensis Anders. var. *nakaianus* (Honda)
Chung, Man. Grasses Korea 33. 1955; Journ. Wash.
Acad. Sci. 45: 215. 1955.

Based on *Miscanthus nakaianus* Honda
Korea

Type loc. "Between Sepo and Rankok, Kangwond"

Miscanthus sinensis f. *porphyrocephalus* Ohwi, Acta Phytotax.
& Geobot. 11: 149. 1942.

Based on *M. pyrocephalus* var. *purpurascens* Honda
[var. *purpurascens* (Anders.) Rendle published in 1904,
hence Ohwi used Greek word for *purpurascens* in this
combination.]

Japan

Miscanthus sinensis var. *purpurascens* (Anders.) Rendle,
Journ. Lim. Soc. Bot. 36: 348. 1904.

Based on *Miscanthus purpurascens* Anders.
Japan & China

Miscanthus sinensis var. *purpurascens* f. *glaber* Honda,
Bot. Mag. Tokyo 51: 58. 1937.

"spiculae dorso glabrae"

Japan - Honsyu...prov. Rikutyū (G. Toba, no. 529,
anno 1930 - typus in Herb. Imp. Univ. Tokyo);---
(Y. Fukuda 191, anno 1932); in Monte Mitutōge, prov.
Kai (K. Miyama no. 50, 1936)

Miscanthus sinensis var. *purpurascens* f. *paniculatus*
Hara, Bot. Mag. Tokyo 52: 284. 1938.

"Hab. in grassy places of Mt. Apoi"

So. Hidaka, Hokkaido

Japan

Miscanthus sinensis f. *pyrocephalus* (Honda) Ohwi, Acta
Phytotax. & Geobot. 11: 149. 1942.

Based on *M. pyrocephalus* Honda
Japan

Miscanthus sinensis f. *transitus* Nakai, Bot. Mag.
Tokyo 31: 16. 1917 [in Latin]
[see var. Japanese 1922]

"Hondo: Shimidzu-minato prov. Suruga (T. Makino)"
[and others]

Japan

Miscanthus sinensis var. *transitus* Nakai ex Mori, T.
Enum. Pl. Corea 47. 1922, in Japanese.

See forma with Latin description Nakai, Bot. Mag.
Tokyo 31: 16. 1917.

Miscanthus sinensis var. *variegatus* Beal, Grasses
N. Amer. 2: 25. 1896.

= *M. sinensis* Man. U. S.

Cult.

No loc. cited

Miscanthus sinensis var. *zebrina* Beal, Grasses
N. Amer. 2: 25. 1896.

"Cultivated for ornament; not hardy, in the northern
U. S."

= *M. sinensis* Man. U. S.

Miscanthus Sorghum (Wees) Pilger in Engl. & Prantl,
Pflanzenfam. ed. 2. 140: 113. 1940.

Based on [*Erianthus Sorghum* Nees] but not cited.

flumen Klein Bergrivier...districtus capensis...in
Wupperthal...in valle montis Candeboosberg

Cape Colony

Miscanthus szechuanensis Keng, Claves gram. prim.
Sinicarum 233. 1957. nom. nud.

China

Miscanthus tanakae Makino, Bot. Mag. Tokyo 8: 90.
1894, nom. nud.

Basis of *Bulalia tanakae* (Makino) Honda 1924,
valid
and *Pollinia Tanaka* Makino op. cit. 28: 165.

1914, nom. nud.

Japan

Miscanthus taylorii Bor, Kew Bull. 1953: 273. 1953.

"Tibet: Kongbo Province, Trim La, Mayer, 3500 m.,
9 Jul. 1938, Ludlow, Sherriff & Taylor 5799----
(typus in Herb. B.M.)"

Asia

Miscanthus teretifolius (Stapf) Pilger in Engl. &
Prantl, Pflanzenfam. ed. 2. 140: 113. 1940.

Based on [*Misanthidium teretifolium* Stapf, this
based on *Erianthus teretifolius* Stapf]

Victoria Falls, [Southern Rhodesia]

Miscanthus tinctorius (Steud.) Hack. in DC. Monogr.
Phan. 6: 103. 1889.

Erianthus tinctorius Sieb. ap. Steud. [nom. nud.]
cited.

Based on *Saccharum tinctorium* Steud.

Japan

Miscanthus tinctorius var. *aristata* Makino ex Honda,
Journ. Fac. Sci. Univ. Tokyo III 3: 390. 1930; as
synonym of *M. oligostachyus* Stapf "Makino in Herb.
Imp. Univ. Tokyo (1897) nom. nud.

Miscanthus tinctorius var. *intermedius* (Honda) Ohwi,
Acta Phytotax. & Geobot. 11: 150. 1942.

Based on *M. longiberbis* var. *intermedius* Honda

Miscanthus transmorrisonensis Hayata, Journ. Coll. Sci.
Univ. Tokyo 30: 404. 1911.

"Bandaizan, leg. B. Hayata et U. Mori, (Nos. 1826 et
7065)"

Formosa

Miscanthus violaceus (K. Schum.) Pilger in Engl. &
Prantl, Pflanzenfam. ed. 2. 140: 113. 1940.

Based on *Erianthus violaceus* K. Schum.

Seengebiet: (Italo...west side of the Victoria
Nyansa (Stuhlman n. 933)

= *Misanthidium violaceum* (K. Schum) Robyns

Tanganyika Africa

Miscanthus wardii Bor, Kew Bull. 1953: 274. 1953.

"Ind. On.: Assam, Di Chu Gorge, Lohit valley, 18 Jul.
1950, 1500 m., F. Kingdom-Ward 20091----F. Kingdom-
Ward 20095----19328 terraces and among boulders in the
torrent bed---(typus in Herb. Kew); Mishmi Hills, ex
Herb. Griffith no. 32."

India

Miscanthus yunnanensis (A. Camus) Keng, Sinensia 10: 290
1939.

Based on *M. nudipes* var. *yunnanensis* A. Camus

"China: Yun-nan, collines arides à Tong-chouan...
(Maire année 1914)"

Miscanthus zebrinus Nakai; Matsumura, *M. zebrina* Nakai,
Catal. Semin. 1914: 4. 1914; Shokubutsu-me-i Rev.
ed. 2: 254. [1916], without description; Honda,
Journ. Fac. Sci. Tokyo Sect. III. Bot. 3: 386. 1930,
as syn. *Miscanthus sinensis* var. *zebrinus*
Matsumura.

Miscanthus zebrina in Matsum. & Nakai, Catal. Semin. 1914:
4. 1914. nom. nud.

Japan

Mnesithea cancellata (Ridl.) Ridl. Fl. Mal. Pen.
5: 206. 1925.

Based on *Rottboellia cancellata* Ridl.

Lower Siam

Mnesithea exaltata (L.) Skeels U. S. Dept. Agric. Bur.
Fl. Ind. Bull. 282: 20. 1913.

Based on "*Agilops exaltata* L." = *Ophiurus exaltata*
(L.) Kuntze

India

Mnesithea geminata (Ridley) Ridley, Mat. Fl. Mal.
Penins. 3: 163. 1907.

Based on "*Rottboellia geminata* Hack." 1891

Peninsula Malacca, leg. Ridley

Mnesithea laevis (Retz.) Kunth, Rev. Gram. 1: 154. 1829.

Based on "*Rottboellia laevis* Retz."

Tranquebar, India

coll. Koenig

Mnesithea laevis (Retz.) Kunth, var. *hirta* P. Jansen,
Reinwardtia 2: 308. 1953.

Celebes, Ryma 361 (type; Herb. Bogor.)

Mnesithea merguensis (Hook.f.) A. Camus, Bull. Mus.
Hist. Nat. 25: 59. 1919.

Based on "*Rottboellia merguensis* Hook.f."

Mergui, India

Mnesithea mollicoma (Hance) A. Camus, Bull. Mus. Hist.
Nat. 25: 57. 1919.

Based on *Rottboellia mollicoma* Hance

Isl. Whampoa, China

Mnesithea perforata (Roxb.) Haines, Bot. Bihar & Orissa
Pt. 6: 1060. 1924.

Based on *Rottboellia perforata* Roxb.
Coromandel

Mnesithea pubescens Ridley, Dept. Int. Bur. Govt. Labor
Manila 35: 207. 1905.

Journ. Straits Branch Roy. As. Soc. 44: 207. 1905.
"Johor. Batu Pahat at Minyak Baku (Ridley 11017)."

Mnesithea rupicola Ridley, Journ. Straits Branch Roy.
Asiat. Soc. No. 57. 116. 1910.

"Rocks in the Temengoh river at Ulu Temengoh."
Ridley, Coll. No type spec. cited.

Malay Peninsula

Mnesithea triflora (P. T. Hubb.) P. Jansen, Reinwardtia
2: 309. 1953.

(*Rottboellia triflora* P. T. Hubbard, Philip. Journ.
Sci. 9: 257. 1914; Merr., Baum. Philip. fl. Pl.
1: 40. 1923)

Endemic in the Philippines.--northern Palawan.
G. Ledesma.

Mniochloa pulchella (Griseb.) Chase, Proc. Biol. Soc.
Wash. 21: 186. 1908.

Based on *Digitaria pulchella* Griseb.

Cuba, Wright 3448. Man. W. I.

Mniochloa streptioides (Griseb.) Chase, Proc. Biol. Soc.
Wash. 21: 186. 1908.

Based on *Olyra streptioides* Griseb.

Cuba, Wright 3435. Man. W. I.

Moenchia speciosa Wender. ex Steud. Nom. Bot. ed. II.
2: 153. 1841, as syn. of *Panicum saccharoides* Kunth

= *Paspalum saccharoides* Nees

ex Ind. Occ. Man. W. I.

Molineria involucreta (Cav.) Richt. Fl. Eur. 1: 54.
1890.

[*Molineria* Parl. 1848, not Colla 1826]

Based on *Aira involucreta* Cav.

= *Molineriella*

Molineria laevis (Brot.) Haak. Cat. Gram. Portugal
17. 1880.

[*Molineria* Parl. 1848, not Colla 1826]

Based on "*Aira laevis* Brot."

= *Molineriella*

Molineria laevis var. *glabrata* (Brot.) Haak. Cat.
Gram. Portug. 17. 1880.

[*Molineria* Parl. 1848, not Colla 1826]

Based on "*Aira glabrata* Brot."

= *Molineriella*

Portugal

Molineria lendigera (Lag.) Haak. in Oesterr. Bot.
Zeitschr. 27: 120. 1877.

[*Molineria* Parl. 1848, not Colla 1826]

Based on *Aira lendigera* Lagaso.

[amend]

Portugal--Spain

Molineria minuta Parl. Fl. Ital. 1: 237. 1848.
[Parl. 1848; not Colla 1826]

Based on *Aira minuta* L.

Basis of *Molineriella minuta* (L.) Rouy

(type sp. of genus)

Molineria minuta var. *bastica* Willkomm, Willkomm. &
Lange, Prod. Fl. hisp. 1: 63. 1861.

[*Molineria* Parl. 1848, not Colla 1826]

"in pinetis int. Chiolana et Conil, Wk.--"

= *Molineriella*

Molineria minuta var. *sabulicola* Br.-Bl. & Maire, Bull.
Soc. Hist. Nat. Afr. Nord. 13: 195. 1922.

[*Molineria* Parl. 1848, not Colla 1826]

"Hab. in locis depressis humidiusculis arenosis plani-
tium Imperii Marocani occidentalis....-Typus in
Herb. Univ. Algeriensis et in Herb. Braun-Blanquet."

[Africa]

= *Molineriella*

Molineria palustris Tod. ex Nym. Conspect. 807. 1882, as
syn. of *Molineria minuta* Parl.

[*Molineria* Parl. 1848, not Colla 1826]

= *Molineriella minuta* (L.) Rouy.

Spain

Molineria palustris Lojac. Fl. Sic. 3: 294. 1909.

"(Tod. exs. sic.)"

[*Molineria* Parl. 1848, not Colla 1826]

"Stagni al Lago di Gurruta Tod! Cit! Maggio"

= *Molineriella*

Sicily

Molineriella minuta (L.) Rouy, Fl. France 14: 102. 1913.

Based on *Aira minuta* Loefl. = *Aira minuta* L. 1753

A. *minuta* Loefl. 1758

Spain

Molineria altissima Link. Hort. Berol. 1: 197. 1827.
["altissim" error]

"Habitat in Europae australioris paludibus turfosis."

Molineria aquatica Wb. ^{Prim} Fl. Werth. 116. 1799. ~~Rein.~~

Based on *Aira aquatica* Linn.

= *Catabrosa aquatica* Man. U. S.

Europe

Molineria arundinacea Schrank, Baier Fl. 1: 336. 1789.

"Dr. Thwingert hat es von Hohen. eshwanngau gefandt
[Bavaria, Germany]; die hh. Erdlich, und Lloent.
Streber haben es ben Tolz, und Tegernsee gefunden."

Germany

Molineria bertini Hort ex Carriere in Rev. Hortico. 348.
1890.

"fut trouvé par M. Bertin père, dans son jardin,
82 boulevard de la Reine, à Versailles."

Molineria caerulea (L.) Moench, Meth. Fl. 183. 1794.

Based on "*Melica caerulea* L."

[error for *Aira caerulea* L.]

Europe

Molineria caerulea var. *africana* Maire, Fl. Afr. Nord.
3: 28. 1955.

"T. Kroumirie: Qued Tessa (Cosson).- C. La Calle
(Durieu.- A. Marais de Fort de l'Eau (Trabut.)

North Africa

Molineria caerulea var. *albida* Beauverd ex Douin in
Bonn. Fl. Compl. 12: 39. 1927-32.

"(Tourbière des Saisses près Ugine, en Savoie)."

France

Molineria caerulea ssp. *altissima* (Lk.) Dom. 1935, with
var. *altissima* (Lk.) Grabherr Aehren 3-4 blütig
---- nach Janchen 1953. p. 230.

Ungarn

Molineria caerulea var. *altissima* (Link.) Schrad.

Linnaea 12: 454. 1838.

Based on "*M. altissima* Link"

Europe

Molineria caerulea var. *altissima* Godet, Flore Jura 817.
1853. Not (Link.) Schrad. 1838.

M. *littoralis* Host cited.

Austria

Molineria caerulea ssp. *arundinacea* (Schrank) Paul ex
Grabherr, Oesterr. Bot. Zeitschr. 90: 58. 1940.

Based on *Molineria arundinacea* Schrank

Germany

Molineria caerulea var. *arundinacea* Vis. Fl. Dalm.
3: 343. 1852.

Based on "*M. arundinacea* Schrank"

Germany

Molineria caerulea ssp. *arundinacea* var. *suarundinacea*
Paul ex Grabherr, Oesterr. Bot. Zeitschr. 90: 58.
1940.

"Vereinzelt auf Brandflächen des Karwendels: Ober-
aschbach-Klammegg, Kranewitterklamm, Thaurer
Zunderkopf"

Innsbruck, Austria

Molineria caerulea ssp. *arundinacea* var. *littoralis* (Host)
Paul ex Grabherr, Oesterr. Bot. Zeitschr. 90: 58.
1940.

Based on M. *littoralis* Host

Austria

Molineria caerulea ssp. *arundinacea* var. *littoralis* f.
pseudoarundinacea (Murr.) Grabherr, Oesterr. Bot.
Zeitschr. 90: 58. 1940.

Based on M. *caerulea* var. *pseudoarundinacea* Murr.

Tirol

Molinia caerulea ssp. *arundinacea* var. *stricta* Podpěra,
Květena Moravy 6: 250. 1926; Act. Soc. Sci. Nat.
Morav. 2: 520. 1926. desor. Czechoslovakian
"Brno: Moravany...na...Modřicím (1919 Staněk)!"
Czechoslovakia

Molinia caerulea var. *breviramea* Meinsh. Fl. Ingr.
444. 1878.

[Ingria. Russia Eur.]

Molinia caerulea var. *breviramea* Farn. Grasses of
Britain 230. pl. 103. 1845.

"Cantire" Great Britain

Molinia caerulea ssp. *caerulea* (M.) [Moench] Paul ex
Grabherr, Oesterr. Bot. Zeitschr. 90: 58. 1940.

"*Melica caerulea* L." cited by Moench.
Germany

Molinia caerulea ssp. *caerulea* var. *subspicata* Figert
ex Grabherr, Oesterr. Bot. Zeitschr. 90: 58. 1940,
without desor.

"Auf trockenen Kalkhängen des Karwendels: Stangl-
Gerzanmähd."
Imsebruck. Austria

Molinia caerulea var. *capillaris* (Rostr.) Aschers. &
Graebn. Syn. Mitteleur. Fl. 2: 337. 1900.

Based on *Erodium caerulea* var. *capillare* Rostr.
Denmark

Molinia caerulea var. *depauperata* (Lindl.) Bab. Man.
Brit. Bot. 366. 1843.

Based on *M. depauperata* Lindl. [1890 as syn. of
M. caerulea]

Molinia caerulea var. *divaricata* Boenn. Prodr. Fl.
Monas. 28. 1824.

Monasterii
Europe

Molinia caerulea var. *effusa* Paul, Bericht. Bayer.
Bot. Ges. Erforsch. Heim. Flora (München)
22: 17. 1937.

"Ich kenne sie mehrfach aus den Isarauen unterhalb
Münchens beim Aumeister und von der Brennermühle im
Erdinger Moor."
Germany

Molinia caerulea var. *elongata* Meinsh., Bull. Jard. Bot.
Pierre le Grand 14(Suppl. 2): 68. 1915, nom. nud.

Europe

Molinia caerulea *expansa* Blytt, Norges Flora 140. 1861.

Scandinavia

Molinia caerulea var. *flavescens* Boenn. Prodr. Fl.
Monas. 28. 1824,

Monasterii [Munster, Germany]

Molinia caerulea var. *latifolia* Blytt, Norges Flora
140. 1861.

Scandinavia

Molinia caerulea var. *littoralis* (Host.) Griseb. in
Ledeb. Fl. ross. 4: 396. 1853.

Molinia littoralis Host.

Molinia caerulea var. *littoralis* Blytt, Norges Flora
140. 1861.

Scandinavia

Molinia capillaris (Lilj.) Hartm. Handb. Skand. Fl. 56.
1820.

Based on *Festuca capillaris* Lilj.

Oland, Sweden

Molinia caerulea var. *littoralis* subv. *elegans* Domin,
Beih. Bot. Centralbl. Abt. II. 26: 279. f. 6. 1910.

"Cum typo." Europe

[Moravia. Czechoslovakia]

Molinia caerulea var. *littoralis* subv. *vulgaris* Jans. &
Wacht. Nederl. Kruidk. Arch. 1930: 180. 1930.

[Netherlands]

Molinia caerulea var. *longiramea* Meinsh. Fl. Ingr.
444. 1878.

[Ingria. Russia. Eur.]

Molinia caerulea var. *major* Spanner, Fl. Friburg.
1: 121. 1825.

"Roth. fl. germ.--Sohrad. germ. (sub. *Melica caerulea*;
-Scheuchz. t. 4. f. 11. 12." cited.

"in M. Schlossberg versaus Herdern, auf d. Bergle etc.
in M. Kaiserstuhl."

[Germany]

Molinia caerulea var. *major* Haussm. Fl. Tir. 2: 1002.
1852.

Cites: "M. altissima Link
M. littoralis Host"

Tirol

Molinia caerulea var. *major* Kunth ex Fedtsch. Bull.
Jard. Bot. Pierre le Grand 14 (Suppl. 2): 68.
1915, nom. nud.

U.S.S.R.

Molinia caerulea var. *minima* Burkh. ex Fedtsch. Bull.
Jard. Bot. Pierre le Grand 14(Suppl. 2): 68. 1915,
nom. nud.

U.S.S.R.

Molinia caerulea var. *minor* Gaud. Fl. helv. 1: 216.
1828.

"Scheuchz. Gram. 209."

"var. etiam pasculis sterilibus vulgaris."

Switzerland

Molinia caerulea var. *minor* Schuebl. & Martens, Fl.
Württemberg 66. 1834.

"Auf Sumpfsigen offenen Wiesen
I. Bei Rosek, am Birkensee.
IV. Auf dem Ulmer Ried und auf dem Wilhelmsfeld
bei Langenau. Aug."

Germany

Molinia * *caerulea* var. *multiflora* S. F. Gray, Nat. Arr.
Brit. Fl. 2: 110. 1821.

*[erroneously spelled *Momilia*]

No loc. [British plants]

Molinia caerulea var. *obtusa* (Peters.) Aschers. & Graebn.
Syn. Mitteleur. Fl. 2: 337. 1900.

Based on *M. obtusa* Peters.

Europe

Molinia caerulea var. *pratensis* Schlecht. Fl. Berlin.
1: 77. 1823.

"...in pratis humidis ad ripas fossarum rivulorum"

Berlin

Molinia caerulea var. *pseudarundinacea* Murr. ex Dalla
Torre & Sarnth. Fl. Tirol 6: 221. 1906.

"Stangensteig bei Hötting, Farrental bei St. Martin
im Gnadenwald"

Tirol

Molinia caerulea var. *pseudo-dauctylis* Beauverd ex
Douin in Bonn. Fl. Compl. 12: 39. 1927-32.

"Environs de Douvaine en Haute-Savoie.--Suisse: ma-
rais de Siomnet et de Rouelbeau dans le canton de
Genève et marais de l'Orbe dans le canton de Vaud)."

France: Switzerland

Molinia caerulea var. *pubescens* Opiz, Seznam Rostl.
Česki 66. 1852, nom. nud.

Bohemia

Molinia caerulea var. *rivulorum* (Pomel) Trabut in Bat.
& Trabut, Fl. Alg. Mon. 198. 1895.

"M. rivulorum Pomel, mat. fl. atl. [desor. in
French] Gorges de la Chiffa"

Algeria

cited in small type
not publ. as var. nor syn.

Molinia caerulea Moench var. *robusta* (Frah) Kneucker
Allg. Bot. Zeitsch 7: 71. 1901.

Basis not given. "Frah, Krit. Fl. Schl.--Holst. II,
p. 257 (1890)."

Molinia caerulea var. *silvestris* Schlecht. ex Celak.
Sitzb. Kgl. Böhm. Gesellschaft Wissenschaf. 59. 1884.

"M. arundinacea Schrank
M. altissima Link" cited.

Bohemia

Molinia caerulea var. *subspicata* Boenn. Prodr. Fl.
Monas. 28. 1824.*

Monasterii [Munster, Germany]

*Aschers. & Graeb. cite "Figert bei Fick und
Schube 70. Jahresb. Schles. Ges. f. 1892. II. 88.
[1893] Schleisen for this name.

Molinia caerulea var. *subspicata* Figert. in Fiek & Schube, Jahres-Bericht Schleichen Gesell. f. Cultur 69: 44. 1893.

Liegnetz; auf Waldblößen bei Hummel unter dem Typus" [Figert in litt.]!

See same, Boenn. 1824.

Molinia caerulea var. *sylvatica* S. F. Gray, Nat. Arr. Brit. Fl. 2: 110. 1821.

No loc. Great Britain

= *Molinia caerulea* Gray

Molinia caerulea var. *sylvatica* Doell, Fl. Baden 205. 1857.

Baden, Germany

"M. caerulea var. *sylvatica* Berb. Fl. Normandie" cited in ed. 3 of Brébisson [& Godey?] 1859.

Germany France

Molinia caerulea var. *sylvestris* Schlecht. Fl. Berlin. 1: 77. 1823.

"in sylvaticis humentibus et nemorosis. Fl. aestate 4. (In Thiergarten: hinter d. Fasanerie! Jungfernhöhe! Tegel! Papenberge! Briselang! Friedrichsfelde! Treptow! etc. etc.)"

Berlin

Molinia caerulea var. *typica* Fiori, Nuov. Fl. Anal. Ital. 1: 118. 1923.

Italy

Molinia caerulea var. *varia* Celak. Sitzb. Kgl. Böhm. Gesellschaft Wissenschaf. 59. 1884.

Based on "M. varia Schrank" 1789.

Bavaria

Molinia caerulea var. *viridiflora* Lej. ex Druce, List Brit. Fl. 82. 1908.

No description nor basis given

Britain for Druce reference

Molinia caerulea var. *viridis* Peterm. Fl. lips. 88. 1838.

"ad pagum Leutzsch."

Germany

Molinia caerulea var. *vivipara* Boenn. Prodr. Fl. Monas. 28. 1824.

Monasterii [= Münster, Germany]

Molinia caerulea var. *vivipara* Elytt, Norges Flora 140. 1861.

see Boenn. 1824 same.

Scandinavia

Molinia caerulea var. *vivipara* Merino Fl. Descr. Illustr. Galicia 3: 319. 1909.

see Boenn 1824, same

"en los juncales de Mosende valle del Porrino, Pontevedra."

Spain

Molinia caerulea var. *vulgaris* Jans. & Wacht. Nederl. Kruidk. Arch. 1930: 177. 1930.

Group species

Netherlands

Molinia caerulea var. *vulgaris* f. *brachyolada* Jans. & Wacht. Nederl. Kruidk. Arch. 1930: 179. 1930.

"op de Excurisie der N. B. V. in 1917 tusschen Meppel en Steenwijk (15263 herb. Jans. en Wacht.)...."

Netherlands

Molinia caerulea var. *vulgaris* subv. *multiflora* Jans. & Wacht. Nederl. Kruidk. Arch. 1930: 180. 1930.

"te Beek bij Nijmegen en te Loenen (G.) [Geldenland?] [Netherlands]"

Molinia caerulea var. *vulgaris* subv. *memorosa* Jans. & Wacht. Nederl. Kruidk. Arch. 1930: 180. 1930.

"Munspeet (15260-61 Herb. Jans. & Wacht.) ... Snorrenhoef (35198-99 Herb. Jans. & Wacht.)"

[Netherlands]

Molinia caerulea var. *vulgaris* subv. *phalaroides* Jans. & Wacht. Nederl. Kruidk. Arch. 1930: 178. 1930.

"Munspeet. Netherlands (herb. Jans. en Wacht. 25398-401)."

Molinia conferta Hartm. Handb. Skand. Fl. ed. I. 56. 1820.

Scandinavia

Puccinellia ?

Molinia depauperata Lindl. Richter, Fl. Europ. 1: 72. 1890, as syn. *M. caerulea* (L.) Moench

Europe

Molinia distans Hartm. Handb. Skand. Fl. ed. I. 56. 1820.

"*Poa distans* Willd." cited, that is L. in Willd. Sp. Fl.

= *Puccinellia distans* (L.) Parl.

Europe

Molinia distans var. *reptans* Hartm. in Holmb. Bot. Not. 253. 1916.

var. *reptans* not in Hartm. Handb. Skand. Fl. 55-56 [covering *Molinia*] 1820.

Molinia euxina Pobed. Not. Syst. Herb. Inst. Bot. Komarov Acad. Sci. U.R.S.S. 11: 36. pl. 1. 1949.

"Habitat in arenis ad margines depressionum."

"Typus. Ucraina, mare Euxinum, insula Dechalyrgacz, 3 km. versus S-O a puteo Sredni, prope puteum Dschavoroniozi, leg. E. Pobedimova, 15 IX 1947, no. 371."

U.S.S.R.

Molinia Fauriei Hack. Bull. Herb. Boiss. II. 3: 504. 1903.

"Corea: in herbida secus rivos prope Naipiang (Faurie, n. 804)."

Molinia fluitans (L.) Hartm. Handb. Skand. Fl. ed. I. 56. 1820.

Based on *Festuca fluitans* L.

= *Glyceria fluitans* (L.) R. Br.

Molinia Hui Pilger, Science [Sci. Soc. China] 7: 609. 1922.

"China: Chekiang, offenes Gelände, 400 m. ü. Meer (H. H. Hu. No. 572-IX 1920)."

Molinia japonica Hack. Bull. Herb. Boiss. 7: 704. 1899.

"Coll. Faurie: 925 sommet du Hakoda"...[first cited] Japan

Molinia japonica var. *rupestris* Koidzumi, Bot. Mag. Tokyo 29: 312. 1915.

"Hab. Prov. Uzen: Mt. Adumasan." Japan

Molinia litoralis Host, Fl. Austr. 1: 118. 1827.

"In humidis, palustribus ad litus maris adriatici. Buchinger."

Molinia litoralis var. *altissima* (Link) Paul, Bericht. Bayer. Bot. Ges. Erforsch. Heim. Flora (München) 22: 20. 1937.

Based on *M. altissima* Link

"Europas australioribus"

Molinia litoralis var. *arundinacea* (Schrank) Paul, Bericht. Bayer. Bot. Ges. Erforsch. Heim. Flora (München) 22: 20. 1937.

Based on *M. arundinacea* Schrank

Europe

Molinia maritima Hartm. Handb. Skand. Fl. ed. I. 55. 1820.

"478. t. Fig. Fl. D. 251 Hafstränder. Sk. [Skåne]--Hall! Bl!"

Scandinavia

Molinia maxima Hartm. Handb. Skand. Fl. ed. I. 56. 1820.

"(Wg. Stockh. Fäburen--M. Gulelven i Holtealen)" = "*Poa aquatica* L."

Scandinavia

Basis of *Glyceria maxima* (Hartm.) Holmb.

Wg. = Wahlenberg

Molinia obtusa Peterm. Flora 27: 235. 1844.

"torfigen Wiesen bei Leipzig"

Germany

Basis of *Molinia caerulea* var. *obtusa* (Peterm.) Aschers. & Graeb.

Molinia oligae Regel, in Act. Hort. Petrop. 7: 625. 1881.

"In Kokaniae montibus Alai (O. Fedtschenko)."

Central Asia

Molinia pendulina Hartm. Handb. Skand. Fl. ed. IV. 34. 1843.

"Elfständ. F. (Torneålf, från Hietunemi till Turtula, Torneå.)"
Scandinavia

Molinia plicata Hartm. Handb. Skand. Fl. ed. IV. 34. 1843.

Scandinavia

Molinia remota Hartm. Handb. Skand. Fl. ed. IV. 33. 1843.

Scandinavia

= *Olyceria remota* (Forsell) Fries

Molinia retusa Griseb. ^{ex} Fourn. Mex. Fl. 2: 147. 1886, as syn. of *Leptochloa dubia* Nees

Man. U. S.

Molinia rivulorum Fomel, Nouv. Mat. Fl. Atl. 388. 1860.

Bull. Soc. Climat. Alger. 13: 132. 1876.

"Bords des ruisseaux en cascade des Gorges de la Chiffa."
Algeria

Molinia serotina (L.) Mart & Koch, Deutschl. Fl. III 1²: 585. 1823.

Based on "*Pestuca serotina* L."

= *Cleistogenes serotina* (L.) Keng
Italy

Molinia spiculosa Kudo, Kitakarafuto Shokubutsu Chosaho 57. 1924.

Honda, Journ. Fac. Sci. Tokyo Sect. III. Bot. 3: 439. 1930, as syn. *Moliniopsis spiculosa* Honda

Molinia squarrosa Trin. ex Ledeb. Fl. Alt. 1: 105. 1829.

"Ledeb. Ic. pl. Fl. ross. Alt. illustr. t. 227."

"...ad fl. Buchtorma frequens; ...ad fl. Ulba non procul ab Ust-kamenogorsk rarior (L.); in deserto Kirghis... (M.)."

Basis of *Cleistogenes squarrosa* (Trin.) Keng

Molinia sylvatica Link, Hort. Berol. 1: 197. in obs. 1827.

Europa boreali

= *M. coerulea*

Molinia varia Schrank, Baier Fl. 1: 334. 1789.

[Bavaria. Germany]

= *M. coerulea* fide Aschers & Graeb.

Molinia varia var. *altissima* Beck, Flora von Nieder-Osterr. 1: 93. 1890.

Based on *Molinia altissima* Link
Germany

Molinia varia var. *arundinacea* Beck, Flora von Nieder-Osterr. 1: 93. 1890.

Based on *Molinia arundinacea* Schrank.
Germany

(Host)
Molinia varia var. *littoralis* Beck, Flora von Nieder-Osterr. 1: 93. 1890.

Based on *Molinia littoralis* Host
Austria

Molinia varia var. *parviflora* Beck, Flora von Nieder-Osterr. 1: 93. 1890.

No loc. cited Lower Austria

Molinia varia var. *typica* Beck (Fl. Sudbosnien & Herzegovina) Ann. K. K. Nat. hist. Hofmus. 5: 563. 1890.

"Var. *typica* = *Aira coerulea* Link, Hort. reg. Berol. 1: 197."

Jugoslavia

Molinia variabilis Wibel, Fl. Werth. 115. 1799.

"Icon. Leers Herborn. T. 4. fig. 7."

"H. ad montem Wartenberg." cited.

Germany

= *M. coerulea* Moench fide Aschers & Graeb.

Moliniopsis Hui (Pilger) Keng, Sinensia 11: 409. 1940.

Based on *Molinia Hui* Pilger
China

Moliniopsis intermedia Keng, Sinensia 11: 409. 1940.

"Type in the Herbarium of the University of Nanking, no. 7183, Nanking, China, collected on open slope at summit of Wang Shan, Anhwei province ... August 11, 1924, by A. N. Steward; duplicate type in the U. S. National Herbarium, no. 1259560."

Moliniopsis japonica (Hack.) Hayata, Bot. Mag. Tokyo 39: 258. 1925.

Based on *Molinia japonica* Hack.
Japan

Moliniopsis japonica var. *rupestris* (Koidzumi) Honda, Bot. Mag. Tokyo 41: 14. 1927.

Based on *Molinia japonica* var. *rupestris* Koidzumi
Japan

Moliniopsis nipponica (Honda) Honda, Bot. Mag. Tokyo 50: 669. 1936.

Based on *Graphephorum nipponicum* Honda
Japan

Moliniopsis spiculosa (Fr. Schmidt) Honda, Journ. Fac. Sci. Univ. Tokyo Sect. III, Bot. 3: 439. 1930.

Based on *Scolochloa spiculosa* Fr. Schmidt
Wischtu Sachalin Isl.
Japan

Moliniopsis spiculosa var. *rupestris* (Koidz.) Honda, Journ. Fac. Sci. Univ. Tokyo Sect. III, Bot. 3: 440. 1930.

Based on *Molinia japonica* var. *rupestris* Koidz.
Prov. Uzen: Mt. Adsumasan
Japan

Monachather paradoxus Steud. Syn. Fl. Olum. 1: 247. 1854.

"Drumond Hbr. coll. IV. nr. 396. N. Holl." T. U. S.
= *Danthonia bipartita* F. Muell.

Monachne acrotricha (Steud.) Druce, Adventive Fl. Tweedside 219. 1919.

Based on *Helopus acrotrichus* Steud.
= *Eriochloa acrotricha* (Steud.) Hack.

Monachne punctata (L.) Nash, Bull. Torrey Club 30: 374. 1903.

Based on *Milium punctatum* L.
= *Eriochloa punctata* (L.) Desv. Man. U. S.
Jamaica

Monachne racemosa Beauv. Ess. Agrost. 168. pl. 10. f. 10. 1812.

= *Panicum racemosum* (Beauv.) Spreng.
S. Amer.

Monachne rufa (Kunth) Bertol. Mem. Acad. Sci. Bologna 2: 596. t. 41, f. 1.a.b. 1850.

Based on "*Panicum rufum* Kunth."
Plantae Alabamenses.
= *Anthraenantia rufa* (Ell.) Schult. Man. U. S.

Monachne subglabra Nash, Bull. Torrey Club 30: 374. 1903. July

"Collected at Martin Peña January 31, 1899 by Heller, no. 380." [Porto Rico]
= *Eriochloa polystachya* H.B.K. Man. W. I.

Monachne unilateralis Beauv. Ess. Agrost. 49 t. 10. f. 2. 1812.

figure "probably drawn from more than one species" Chase in Miles p. 170

Monachne unilateralis Beauv. misappl. by ? Roem. & Schult. Syst., 2: 468. 1817.

Misappl. to *Panicum leucophaeum* which = *Trichachne insularis*

Monachne urvilleana (Kunth) Herter, Rev. Sud. Bot. 9: 118. 1953.

Based on *Panicum urvilleanum* Kunth, Rev. 1. 35., 2. 405.t. 115. 1829.
= *Panicum urvilleanum* Kunth
Uruguay

Monachyron grandiflorum Martelli, Fl. Bogos. 94. 1886.

Based on *Tricholaena grandiflora* Hochst. 1841.
= *Rhynchelytrum grandiflorum* Hochst. 1844.
Abyssinia

Monachyron villosus Parl. ex Hook. Niger Fl. 191. 1849.

"In insula S. Jacobi (J. D. Hooker)"
Cape Verd Islands.
= *Rhynchelytrum villosus* (Parl.) Chiov.

Monandraira berteriana (Kunth) E. Desv. in C. Gay Fl. Chil. 6: 343. 1853.

Based on "*Trisetum berterianum* Kunth"

T

= *Deschampsia berteriana* (Kunth) Trin.

Chile

Monandraira glauca E. Desv. in C. Gay, Fl. Chil. 6: 342. 1853.

"En los sitios montañosos de la dehesa de Santiago (Gay)."

T

Chile

= *Deschampsia*

Monandraira patula Phil. Anal. Univ. Chil. 48: 565. 1873.

"Se cria cerca de Punta-Arenas, en el estrecho de Magallanes."

Chile

Monanthochloë australis Speg. Anal. Mus. Nac.

Buen. Air. 7: 194. 1902.

"Hab. in aridis subsalsis inter S. Julian et Rio Deseado, vere 1899 (C.A.)." [Carlos Ameghino]

Patagonia

Monanthochloë littoralis Engelm. Trans. Acad. St. Louis 1: 437. pl. 13-14. 1859.

Texas, Drummond, Berlandier 3227 (Matamoros region); Galveston Island, Lindheimer; Florida, Key West, Blodgett.

Man. U. S.

Monelytrum animum Goossens, Kew Bull. Misc. Inf.

1934: 197. f. 3. 1934.

"South West Africa: without precise locality, Drinkuth 11."

Aff. M. Luderitziano Hack.

Monelytrum lüderitzianum Hack. ex Schinz, Verh. Bot.

Ver. Brand. 30: 140. 1888.

emend. Schweickert, Blumea Suppl. 3 (Henrard Jubilee Vol.): 71-82, fig. 1-6. 1946.

"Kaoko, nördlich von Omuramba u. Omaruru. (Lüderitz.)"

S. W. Africa

Monerma cylindrica (Willd.) Coss. & Dur. Expl. Alger. 2: 214. 1855.

Based on "*Rottboellia cylindrica* Willd."

Europe

Man. U. S.

Monerma cylindrica var. *gracilis* Coss. & Dur. Expl. So. Alger. 2: 214. 1855.*

"La Calle! Bône (A. Letourneur)."

Algeria

*Acc. to Stearn pp. 121-241 betw. Apr. & Oct. 1855. Only one vol. of flowering plants published and this called Vol. 2.

Monerma ? gangitis (L.) Roem. & Schult Syst. Veg. 2: 800. 1817.

Based on "*Nardus gangitis* Linn."

= ? *Ctenium aromaticum* (Walt.) Wood; uncertain.

Man. U. S. p. 848

Monerma monandra Beauv. Ess. Agrost. 117, 168. pl. 20. f. 10. 1812.

"*Rottb. monandra* L." and *R. monandra* Roth referred by Beauvois to *Monandra monerma*, but neither Linnaeus nor Roth published the name. Pl. 10, f. 9 and the generic description unquestionably indicate *Monerma cylindrica* (Willd.) Coss. & Dur.

Man. U. S.

Algeria

Monerma ? ramosa (Cav.) Schult. Mant. 2: 441. 1824.

Based on *Rottboellia ramosa* Cavanill."

Tanger, Morocco.

Monerma repens Beauv. Ess. Agrost. 117, 168, 177. 1812.

Based on *Rottb. repens* Forst.

= *Lepturus repens* (Forst) B. Br.

South Pacific islands

Monerma simplex Gaudich in Frey. Voy. Bot. 412. 1826.

"In Novae-Hollandiae ora orientali (Port-Jackson)."

Not identified in Benth. Austral.

Monerma stricta A. Rich., Raspail, Ann. Sci. Nat. Ser. I. 5: 304. 1825, without description

Monerma stricta Presl, ex Steud. Nom. Bot. ed. II. 156. 1841, as syn. *Lolium strictum* Presl.

Sicily

Monerma subulata (Savi) Beauv. ex Roem. & Schult. Syst. Veg. 2: 799. 1817.

(This comb. credited to Beauvois, Ess. Agrost. by Jacks. Ind. Kew 2: 256. 1894, but not made by Beauv.)

Based on *Rottboellia subulata* Savi

Monium congestum Jacq.-Félix Rev. Bot. Appliq. Agr. Trop. 30: 184. pl. VIII. 1950.

Guinée française: Fouta-Djallon plateau humide de Labé (Jacques-Félix no. 638).

Africa

Monium fumereum Jacq.-Félix, Rev. Bot. Appliq. Agr. Trop. 30: 186. pl. X. 1950.

loc. not cited.

West "Afrique tropicale" title.

Monium macrochaetum Stapf in Frain, Fl. Trop. Afr. 9: 400. 1919.

"Upper Guinea. French Guinea: near Timbo, on inundated land, Pobequin, 1790!"

Type species of *Monium*

Monium monianthum Jacq.-Félix, Rev. Bot. Appliq. Agr. Trop. 30: 184. pl. IX. 2. 1950.

"Guinée française: Fouta-Djallon? (Scaëtta no. 3097.)"

Africa

Monium rufum Jacq.-Félix, Rev. Bot. Appliq. Agr. Trop. 30: 182. pl. VII. f. 2. 1950.

Guinée française: Dinguiraye, plateau humide (Jacques-Félix 1472); Kouroussa (Pobequin 531)."

Africa

Monium trepidarium (Stapf) Jacq.-Félix Rev. Bot. Appliq. Agr. Trop. 30: 182. 1950.

Based on *Anadelphia trepidaria* Stapf.

Africa: Guinée française:---Pobequin 519, 524"

excl. Pobequin 531, voir *M. rufum*.

Monium trichaetum Reznik, Bull. Mus. Hist. Nat. (Paris) II. 4: 1046. pl. [1]. 1932.

"In Guinea gallica: Kindia (Jacques-Félix, no. 184)."

Aff. *M. macrochaetum* Stapf

Basis of *Pobequina trichaetum* Jacques-Félix

Monocera aromatica Ell. Bot. S.C. & Ga. I: 177. pl. 11. f. 3. 1816.

Based on "*Aegilops aromatica* Walt."

= *Ctenium aromaticum* (Walt.) Wood

South Carolina

Man. U. S.

Monochaete fastigiata (Nees) Doell in Mart. Fl. Bras. 23: 79. 1878.

Based on *Gymnopogon fastigiatus* Nees

= " " "

Brazil

Monocymbium cerasiiforme (Nees) Stapf in Frain, Fl. Trop. Afr. 9: 387. 1919.

Based on *Andropogon cerasiaeformis* Nees

Africa

Monocymbium cerasiaeforme var. *genuinus* subv. *hirtulum* Chiov. Nuov. Giorn. Bot. Ital. n. ser. 26: 74. 1919.

"Ditunguru Lao Moero, n. 1350 assez commune dans les parties moins humides II 1914 (n. 37)."

Africa

Monocymbium deightonii C. E. Hubb. Kew Bull. Misc. Inf. 1949: 374. 1949.

SIERRA LEONE: Sefadu, stony ground, granite outcrop on hill, in shade, Nov. 10, 1947, Deighton 4666 (Type)

Africa

Monocymbium deightonii var. *tonkouii* Jacq.-Félix, Rev. Bot. Appliq. Agr. Trop. 30: 177. 1950.

"Côte d'Ivoire: Mont Tonkoui, sur les dalles rocheuses (Jacques-Félix no. 1278)."

Africa

Monocymbium lanceolatum C. E. Hubb. in Hutch. & Dalziel, Fl. West. Trop. Afr. 2: 592. 1936, short Engl. descr. only; Kew Bull. Misc. Inf. 1936: 313. 1936, Latin descr.

"Sierra Leone: between Mamuria and Kulufaga! Fontana, open places in bush country (Nov.)! Exsicc.---Glanville 100; 332."

type

Monocymbium nimbanum Jacq.-Félix, Rev. Bot. Appliq. 30: 176. f. 13. 1950.

"Guinée française: Mont Nimba, prairie des pentes et du sommet (Jacques-Félix no. 1930)."

Africa

Monopogon avenaceus Presl, Rel. Haenk. 1: 325. pl. 44. 1830.

Hab. in Mexico Haenke

= *Tristachya avenacea* (Presl) Scribn.

Mex. Gr.

Monostachya centrolepidoides Merrill, Philip. Journ.
Sci. Bot. 5: 331. 1910.

Mount Pulog, Province of Benguet, Luzon, For. Bur.
16088 Curran, Merritt & Zschokke, January 5, 1909
growing in trails and open spots in the grass lands
of the summit, altitude about 2,800 m.

Philippines

Monostachya oreoboloides (F. Muell.) Hitchc. Brittonia
2: 107. 1936.

Based on *Festuca oreoboloides* F. Muell.

Owen Stanley Range,
New Guinea

Monocymbium coresiaeforme var. *genuinus* subv. *glabrum*
Chiov. Nuov. Giorn. Bot. Ital. n. ser. 26: 74. 1919,
without description. "Plateaux des Bianos XII 1912
(n. 35); plateau des Bianos m. 1800 env. sous bois
III 1916 (n. 107)." cited

Africa

Monocymbium deightonii var. *tonkouii* Jacq.-Félix, Rev.
Bot. Appliq. 30: 177. 1950.

"Côte d'Ivoire: Mont Tonkoui, sur les dalles rocheuses
(Jacques-Félix no. 1278).

Africa

Monostemon tuberosus Balansa ex Henr. Med. Rijks
Herb. Leiden No. 40: 73. 1921, as syn. of *Briza*
poaeomorpha Henr.

Peru, Haenke

Moorea araucana (Stapf) Stapf, Gard. Chron. III.
34: 400. 1903.

Based on *Cortaderia araucana* Stapf

= *Cortaderia*

Chile, Valdivia, ♀ Lechler 613; ♀ Philippi;
Chiloe & King.

Moorea argentea (Nees) Lemaire, L'illustration Horticole
2: 14. 1855.

Based on *Gynierium argenteum* Nees

Moorea quila (Nees) Stapf, Gard. Chron. III.
34: 400. 1903.

Based on *Cortaderia quila* Stapf; this based on
Gynierium quila Nees

Bolivia

[Stapf applied this name to *Cortaderia rudiusscula*
Stapf 1897.]

Moorea rudiusscula (Stapf) Stapf, Gard. Chron. III.
34: 400. 1903.

Based on *Cortaderia rudiusscula* Stapf

Tuouman, Argentina

Moorea speciosa (Nees) Stapf, Gard. Chron. III.
34: 400. 1903.

Based on *Cortaderia speciosa* (Nees) Stapf

Gynierium speciosum Nees

Chile

Mosdenia phleoides (Hack.) Stent, Bothalia 2: 288. 1927.

Based on
Perotis phleoides Hack.

Africa

Mosdenia waterbergensis Stent, Bothalia 1: 170. pl. 1.
1922.

"On sand-veld Mosdene, Naboomspruit, Waterberg,
Transvaal, Galpin M. 447."

Moulinsia lanosa Raf. (Ser. Bull. Bot. 1: 221. 1830)
Jacks, Ind. Kew 2: 267. 1894; as syn. of *Aristida*
lanosa

= *Aristida lanosa* Muhl.

South Carolina

Muhlenbergia abata I. M. Johnston, Journ. Arn. Arb.
24: 387. 1943.

"New Mexico: ...valley of the Rio Grande 10-100mi.
above El Paso, Wright 1982 (Type, Gray Herb.)."

= *Muhl. repens* Presl Man. U. S.

Muhlenbergia acuminata Vasey, Bot. Gaz. 11: 337. 1886.

"Number 1993, C. Wright's collection in New Mexico."

= *M. dubia* Man. U. S.

Muhlenbergia acutifolia Fourn in Hems1, Biol. Centr.
Amer. Bot. 3: 538. 1885, nom. nud.; Fourn. Mex. Pl.
2: 86. 1886.

"Orizaba, ... (Bourg. n. 3327)." ^T

= *Muhl. spiciiformis* Trin.

Mexico

Muhlenbergia adspersa Trin. Mem. Acad. St. Pétersb. VI.
Sci. Nat. 4^U: 291. 1841.

"*Cynosurus tenellus* ht. Madrit. (in hb. Mertensii!)"
Lima ? cited.

= *Muhl. ciliata* (H.B.K.) Kunth Acc. to A.S.H.

Muhlenbergia affinis Trin. Mem. Acad. St. Pétersb. VI.
Sci. Nat. 4^U: 301. 1841.

Type loc. "Toluco. (Berlandier)."

= *Muhl. rigida* Man. U. S.

Mex. Grasses

Muhlenbergia alamosae Vasey, Bot. Gaz. 16: 146. 1891.

"Collected at Alamosa in Sonora by Dr. Ed. Palmer,
1890, no. 407."

Mexico

Mex. Grasses

Muhlenbergia alpestris Kunth, Rev. Gram. 1: 64. 1829.

Based on "*Podosacum alpestre* Humb. et Kunth." [H.B.K.]

Basis of *Triniochloa alpestris* (H.B.K.) Pittier

Venezuela

= *Triniochloa*

Muhlenbergia alta Hitchc. N. Amer. Fl. 17: 461. 1935.

Type collected on hills east of Zapotlán, Jalisco,
Mexico, alt. 1500 m., Sept. 25, 1910, Hitchcock 7180
(U. S. Nat. Herb. no. 998980).

Muhlenbergia ambigua Torr. in Nicoll. Rep. Miss. 164.
1843.

Stony banks of Okeman lake, Sioux country, September
20. Collected by Mr. Charles Geyer under the direc-
tion of Mr. I. N. Nicollet."

= *Muhl. mexicana* f. *ambigua* (Torr.) Fern.
^{U.S.}
Man. II

Muhlenbergia ambigua var. *filiformis* (Muhl.)^{*} Farwell,
Mich. Acad. Sci. Rep. 20: 168. 1919.

^{*}error for Willd.

Based on *Agrostis filiformis* Muhl. [error for Willd.]

= *Muhl. mexicana* f. *ambigua* (Torr.) Fern.
^{U.S.}
Man. II.

Muhlenbergia andina (Nutt.) Hitchc. U. S. Dept. Agr.
Bull. No. 772: 145. 1920.

Based on *Calamagrostis andina* Nutt.

California Man. U. S.

Muhlenbergia anomagrostoides Trin. ex Steud. Nom. Bot.
ed. 2. 2: 164. 1841, nom. nud.

America

Type not located.

Unidentified Man. U. S.

Muhlenbergia angustata (Presl) Kunth (Enum. Pl. 1: 202.
1833) Rev. Gram. 1: Suppl. XVI. 1830.

Based on "*Podosacum angustatum* Presl."

Andes, Peru

Valid in Grass. Ecuador, Peru & Bolivia

Muhlenbergia angustifolia Swallen, N. Amer. Fl. 17: 457.
1935.

"Type collected on rocky hills near Guadalajara,
Mexico, Nov. 11, 1889, Fringle 2346 (U.S. Nat. Herb.
no. 822-882)

Muhlenbergia annua (Vasey) Swallen, Contr. U. S. Nat.
Herb. 29: 204. 1947.

Based on *Sporobolus annuus* Vasey

Mexico

Muhlenbergia anomala Fourn. in Hems1, Biol. Centr. Amer.
Bot. 3: 539. 1885, nom. nud.; Fourn. Mex. Pl. 2: 82.
1886. [spelled *anomalis*].

Mexico: "Absque loco (Liebm. n. 687)." ^T

= *M. quadridentata*

Muhlenbergia appressa C. O. Goodd. Journ. Washington
Acad. Sci. 31: 504. 1941.

"Type.---Harrison & Kearney 1493 (U.S. National
Herbarium no. 1296986, Devils Canyon, Pinal or Gila
County, Ariz., March 28, 1926."

aff. *M. microsperma* (DC.) Kunth

Man. U. S.

Muhlenbergia arachnoidea Trin. ex Kunth, Enum. Pl.
1: 207. 1833, as syn. of *Ginna arachnoidea* Kunth.

[Comb. not made in Trin. Gram. Unifl. 193. 1824]

= *Muhl. expansa* Man. U. S.

S. Carolina

Muhlenbergia arenacea (Buckl.) Hitchc. Proc. Biol. Soc. Washington 41: 161. 1928.

Based on *Sporobolus arenaceus* Buckl.

Texas Wright 737 Man. U. S.

Muhlenbergia arenicola Buckl. Proc. Acad. Phila. 1862: 91. 1862.

"Arid places in Western Texas." [Wright 735] Man. U. S.

Muhlenbergia argentea Vasey, Bull. Torrey Club 13: 232. 1886.

"Collected by Dr. Ed. Palmer, in S. W. Chihuahua, in 1885."

Mexico Mex. Grass.

Muhlenbergia arisanensis Hayata, Icon. Fl. Formos. 7: 87. f. 54. 1918.

"Hab. in monte Arisan, ad 2500 m. alt., leg. U. Faurie, Dec. 1914."

Formosa

Muhlenbergia aristata Pers. Syn. Fl. 1: 73. 1805.

Based on "*Dilepyrum aristosum* Michx."

Ga.--Carolina

= *Brachyelytrum erectum* (Schreb.) Beauv.

Man. U. S.

Muhlenbergia aristulata Rydb. Bull. Torrey Club 32: 600. 1905.

Based on "*Sporobolus aristatus* Rydb.1901. Not *Muhlenbergia aristata* Pers. 1805."

= *M. filiformis* (Thurb.) Rydb. Man. U. S.

Muhlenbergia arizonica Scribn. Bull. Torrey Club 15: 8. pl. 76. f. A. 1888.

Mesas near the Mexican boundary, Fringle, 1884, and No. 402 Fringle, "*Plantae Mexicanae*" 1885.

Man. U. S.

Arizona

Muhlenbergia arsemei Hitchc. Proc. Biol. Soc. Washington 41: 161. 1928.

Type in the U. S. National Herbarium, No. 1,298,444 collected at Sulphur Springs, Sandoval County, New Mexico, altitude 2400 meters, August 17, 1926, by Bro. G. Arsene and Bro. A. Benedict (no. 16405).

Man. U. S.

Muhlenbergia articulata Scribn. Proc. Acad. Phila. 1891: 298. f. 1. 1891.

"Calcareous banks, Cardenas, State of San Luis Potosi...October 7." "C. G. Fringle 1890."

Mex. Grass.

Muhlenbergia arundinella Ridl. Bull. Misc. Inf. Kew 1913: 267. 1913.

"Papua, Dutch New Guinea: Utakwa expedition, Mount Carstensz, 640-3200 m., C. B. Kloss; Vanape Valley, Guilanetti."

Muhlenbergia aspera Trin. ex Kunth, Enum. Pl. 1: 210. 1833, as syn. of *Sporobolus asper* Kunth.

[Not made in Trin. Gram. Unifl. 193. as stated by Kunth]

= *Sporobolus asper* Man. U. S.

Muhlenbergia aspericaulis Nees ex Trin. Mem. Acad. St. Pétersb. VI. Sci. Nat. 44: 103. 1840, as syn. of *Vilfa richardsonis* Trin.; Steud. Nom. Bot. ed. 2. 2: 164. 1841, name only.

= *M. richardsonis* (Trin.) Rydb. Man. U. S.

Muhlenbergia asperifolia (Nees & Mey.) Parodi, Univ. Nac. Buenos Aires Rev. Agron. 6: 117. f. 1. 1928.

Based on *Sporobolus asperifolius* Nees & Mey.

= *Muhl. asperifolius* (N. & M.) Parodi

Man. U. S.

Chile

Muhlenbergia atacamensis Parodi, Rev. Argentina Agron. 15: 248. 1948.

"Argentina: Prov. Jujuy: La Quiaca, en cienagas a 3450 m s. m., leg. L. B. PARODI no. 9656, 15 febrero 1931 (Typus speciei)."

Muhlenbergia atacamensis var. *brachyathera* Parodi, Rev. Argentina Agron. 15: 250. 1948.

"Argentina: Jujuy: Departamento de Cuchucoa, Puesto del Marques, leg. A. L. CABRERA no. 7785, 30-I-1943, 'forma cespitosa en la llanura a 3500 m s. m.'"

Muhlenbergia attenuata Swallen, Ann. Missouri Bot. Gard. 30: 138. 1943.

"Chiriqui: El Boquete, foothills, 1000-1300 m. alt., Hitchcock 8174 (U. S. Nat. Herb., type)."

95843 Panama

Muhlenbergia aurea Swallen, Contr. U. S. Nat. Herb. 29: 411. 1950.

Type in the Chicago Natural History Museum, No. 1057948, collected in thickets at base of vertical slopes along railroad, Finca Pirineos, lower south-facing slopes of Volcan Santa Maria, between Santa Maria de Jesus and Calahuache, altitude 1,300-1,500 meters, Department of Quetzaltenango, Guatemala, December 31, 1939, by Julian A. Steyermark (No. 33175).

Muhlenbergia baicalensis Trin. ex Turcz. Bull. Soc. Nat. Moscou 29: 21. 1856, as syn. of *Cinna latifolia* Griseb.

Siberia baical.

Muhlenbergia berlandieri Trin. Mem. Acad. St. Pétersb. VI. Sci. Nat. 44: 299. 1841.

"Mexico, in montibus. (Berlandier)."

= *M. rigida* Man. U. S.

Muhlenbergia berteroniana (Schult.) Kunth, Rev. Gram. 1: 64. 1829.

Based on "*Trichochloa berteroniana* Schult."

Santo Domingo

= *Arundinella berteroniana* Man. W. I.

Muhlenbergia beyrichiana Kunth, Enum. Pl. 1: 200. 1833.

(Kunth, Rev. Gram. 1: 63. 1829, nom. nud.; 2: 599. pl. 213. 1834)

"Brasilia"

Muhlenbergia biloba Hitchc. Contr. U. S. Nat. Herb. 17: 294. 1913.

Based on "*Bealia mexicana*" Scribn. 1890, not "*Muhlenbergia mexicana*" Trin. 1824.

Chihuahua, Mexico

Mex. Grass.

Muhlenbergia botteri Fourn. (in Hemsl. Biol. Centr. Amer. Bot. 3: 539. 1885 nom. nud.) Mex. Fl. 2: 85. 1886.

"Orizaba... (Bott. n. 87 [Taken as type in Man. U. S.] F. Mill. n. 2006); Absque loco (Karw. n. 1011)."

Mexico

Man. U. S.

= *M. Schreberi* Gmel.

Muhlenbergia bourgaei Fourn. (in Hemsl. Biol. Centr. Amer. Bot. 3: 539. 1885, nom. nud.; Fourn. Mex. Fl. 2: 86. 1886.

"In sylva del desierto Viejo vallis Mexicensis... (Bourg. n. 1309); Montezuma pr. Cuantepec in valle Mexicensi... (Bourg. n. 1155)."

= *M. pusilla*

Muhlenbergia brachyelytrum Trin. Gram. Unifl. 188. 1824.

Based on *Brachyelytrum erectum* Beauv.

= *Brachyelytrum erectum* Man. U. S.

Pennsylvania

Muhlenbergia brachyphylla Nees, Linnaea 19: 690. 1847, not made here. See Jacks, Ind. Kew 3: 269. 1894.

Mistake in Kew for *Podosaceum brachyphyllum* Nees

Mexico

Muhlenbergia brachyphylla Bush, Amer. Midl. Nat. 6: 41. 1919.

"Type specimens collected at Webb City, Missouri, Palmer 2734, September 20, 1909, specimens in the Herbarium of the Missouri Bot. Gard. sheet no. 757387."

Man. U. S.

Muhlenbergia brachyphylla f. *aristata* Palmer & Steyermark. Brittonia 10: 110. 1958.

"Type collection: Julian A. Steyermark 82921.

(holotype P; isotype U.S.), vicinity of Stillhouse Cave along Clifty Fork of Spencer Creek, T53 N, R 4 W sec. 5, 18 - 1 3/4 mi. se of Spenceburg, Pike Co., Oct. 7. 1956.

Muhlenbergia brandegei C. R. Reeder, Madroño 13: 248. f.1. 1956.

Lower California, Mexico: Santa Margarita Island,

T.S. Brandege 16 (UC, type; US) March 6, 1889.

Dupl. T

Muhlenbergia brasiliensis Steud. Syn. Fl. Glum. 1: 177. 1854.

"*Agrostis polypogon* Salzm. Hrbr. Bahia."

Salzmänn [652] Brazil

= *Melinis minutiflora* Beauv. Man. U. S.

Muhlenbergia breviaristata (Haek.) Parodi, Physis 9: 219. 1928.

Based on *M. phragmitoides* var. *breviaristata* Haek.

Argentina

Stuckert 22470 ex Lillo 11322 Tucuman

Muhlenbergia breviculmis Swallen, Contr. U. S. Nat. Herb. 29: 408. 1950.

Type in the U. S. National Herbarium, No. 1935054, collected on the top of Cerro Chemalito, Sierra de los Cuchumatanes, 31 miles west of Santa Bulalia Department of Huehuetenango, Guatemala, altitude 3,100-3,150 meters, August 2, 1942, by Julian A. Steyermark (No. 49905).

Muhlenbergia brevifolia Scribn. ex Beal, Grasses N. Amer. 2: 254. 1896.

Mexico (Jalisco) Pringle 4236

Mex. Grass.

Muhlenbergia brevifolia (Nutt.) Jones, Contr. West. Bot. 14: 12. 1912. Not Scribn. 1896.

Based on "*Agrostis brevifolia* Nutt."

N. Dak.

= *Muhl. cuspidata*

Man. U. S.

Muhlenbergia brevifolia var. *Richardsonis* (Trin.) Jones, Contr. West. Bot. 14: 12. 1912.

Based on "*Vilfa Richardsonis* Trin."

N. Amer.

= *Muhl. richardsonis*

Man. U. S.

Muhlenbergia breviligula Hitchc. N. Amer. Fl.

17: 458. 1935.

"Type collected on clay hill, alt. 1500 meters, Guatemala City, Dec. 2, 1911, A. S. Hitchcock 9063 (U. S. Nat. Herb. no. 995888)."

Muhlenbergia brevis C. O. Goodd. Journ. Washington Acad. Sci. 31: 505. 1941.

"Type.--Metcalf 671 (U. S. National Herbarium no. 495644), Mogollon Mountains, on Mogollon Creek, Socorro County, N. Mex., September 8, 1903."

Man. U. S. II.

Closely related to *M. depauperata* Scribn.

Muhlenbergia breviseta Griseb. ex Hemsl. Biol. Centr. Amer. Bot. 3: 539. 1885, nom. nud.; Griseb. ex Fourn. Mex. Pl. 2: 83. 1886.

"Orizaba (F. Mill. n. 1453, 2003, 2093, Schaffn. n. 111 in herb. Franq., 157 in pl. ed. Hohen.)"

Mex. Grass.

Muhlenbergia brevivaginata Swallen, Bol. Soc. Bot.

Mexico 23: 30. f. 3. 1958.

Type in the U.S. National Herbarium No. 2,118,495, collected in grassy openings in open forest of *Quercus macrophylla*, on shallow soil over gently sloping rocks, road to Mascota, 6 miles n.w. of Cuautla, 1850 meters, Jalisco, Mexico, October 21, 1952, by Rogers McVaugh (No. 13671).

Muhlenbergia buckleyana Scribn. Contr. U. S. Nat. Herb.

1: 56. 1890.

Based on *M. texana* Buckl. 1863, not Thurb. 1874.

Northern Texas

= *M. texana* Buckl.

Man. U. S.

Muhlenbergia caespitosa Chapm. Bot. Gaz. 3: 18. 1878.

"Dry pine barrens, near Apalachicola, Florida." [Chapman, Coll.]

= *M. expansa*

Man. U. S.

Muhlenbergia calamagrostidea Kunth, Rev. Gram. 1: 63. 1829.

Based on "*Calamagrostis quitensis* Humb. et Kunth Nov. Gen."

Ecuador

T = *M. quitensis* (H.B.K.) Hitchc.

Muhlenbergia calceicola Swallen, Contr. U. S. Nat. Herb. 29: 407. 1950.

Type in the U. S. National Herbarium No. 1910686, collected in open limestone *Juniperus* forest, along road in region of Chemal, altitude about 3,300 meters, Sierra de los Chuchumatanes, Department of Huehuetenango, Guatemala, December 31, 1940, by Paul C. Stanley (No. 81703).

[d]

Muhlenbergia californica Vasey, Bull. Torrey Club 13: 53. 1886.

Based on *M. glomerata* var. *brevifolia* Vasey

Man. U. S.

Muhlenbergia californica (Vasey) Abrams, Fl. Los Angeles 32. 1904. See *M. californica* Vasey.

[Gray cards give above as well as the *M. californica* Vasey--Same species acc. to A.C., but Vasey cites different nos.; he was not working under type basis.]

Based on *M. sylvatica* var. *californica* Vasey

Man. U. S.

Muhlenbergia calycina Trin. Gram. Unifl. 193. 1824, based on *Trichochloa calycina* Trin. and cited as Syn. of *Polypogon setosus* Spreng.

= *M. racemosa*

Man. U. S.

Muhlenbergia capillaris (Lam.) Trin. Gram. Unifl. 191. 1824.

Based on *Trichochloa capillaris* DC., which is based on *Stipa capillaris* Lam.

Man. U. S.

Carolina, Fraser

Muhlenbergia capillaris var. *filipes* (M. A. Curtis) Chapm. ex Beal, Grasses N. Amer. 2: 256. 1896.

Based on *M. filipes* Curtis

Man. U. S.

N. C., Fla.

Muhlenbergia capillaris var. *trichopodes* [a] (Ell.) Vasey, Contr. U. S. Nat. Herb. 3: 66. 1892.

Based on *Agrostis trichopodes* Ell.

Georgia

= *M. expansa*

Man. U. S.

Muhlenbergia carinata Mez, Repert. Sp. Nov. Fedde 17: 213. 1921.

"Mexico, Staat Jalisco bei Guadalajara (Pringle no. 2350)."

= *Muhl. scoparia* Vasey

Muhlenbergia ciliata (H.B.K.) Kunth, Rev. Gram. 1: 63. 1829.

Based on "*Podosalum ciliatum* Humb. et Kunth [H.B.K.]

Mexico

Mex. Grass.

Muhlenbergia cinna (Lam.) Trin. Gram. Unifl. 191. 1824.

Based on "*Agrostis cinna* Lam." [Lam.]

= *Cinna arundinacea* L.

Man. U. S.

N. Amer.

Muhlenbergia circinata Kuntze, Rev. Gen. Pl. 3^y: 356. 1898.

"Argentina: 1500 m. nahe dem Paso Cruz 34°." [Kuntze]

T

Muhlenbergia ciurea Trin. Mém. Acad. St. Pétersb. VI. Sci. Nat. 4^y: 307. 1841.

error for *sciurea*, which see.

(same error made by Benth. Fl. Austral. 7: 575.)

Based on "*Agrostis sciurea* R. Br."

Australia

Muhlenbergia clandestina (Spreng.) Trin. Gram. Unifl. 190. 1824.

Based on *Agrostis clandestina* Spreng.

Penn.

= *Sporob. clandestinus* (Spreng.) Hitchc. Man. U. S.

Muhlenbergia clomona (Beauv.) Kunth, Rev. Gram. 1: 64. 1829.

Based on "*Clomona peruviana* Beauv."

Peru

= *M. peruviana* Grasses Ecuador, Peru & Boliv.

Muhlenbergia clomonioides Scribn. in Hack. True Grasses 104. 1890; as syn. of *Bealia mexicana* Scribn. [p. 103] 104.

In discussion of *Bealia mexicana* Scribn., differentiating it from *Muhlenbergia*, says "I at first named it *Muhlenbergia Clomonioides*."

Mexico

Muhlenbergia coerules (Griseb.) Mez, Repert. Sp. Nov. Fedde 17: 213. 1921.

Based on *Epicampes coerules* Griseb.

Tucuman, Argentina

Muhlenbergia coloradensis Mez, Repert. Sp. Nov. Fedde 17: 213. 1921.

"Vereinigte Staaten von Nord-Amerika, Colorado, Chiasm Cannon (Jones) [806]"

= *M. wrightii*

Man. U. S.

Muhlenbergia comata (Thurb.) Thurb. ex Benth. Journ. Linn. Soc. Bot. 19: 83. 1881.

Based on "*Vaseya comata* Thurb."

"Nebraska"--probably Wyoming, Hall & Harbour.

= *M. andina* (Nutt.) Hitchc.

Muhlenbergia commutata (Scribn.) Bush, Amer. Midl. Nat. 6: 61. 1919.

Based on *Muhlenbergia mexicana* subsp. *commutata* Scribn.

= *Muhl. frondosa* f. *commutata* (Scribn.) Fernald

Man. U. S.

Maine, Fernald 522.

Muhlenbergia composita Trin. ex Kunth, Enum. Pl.

1: 229. 1833, as syn. of *Agrostis composita* Poir.

[Not made in Trin. Gram. Unifl. 193. 1824]

= *Sporobolus asper* (Michx.) Kunth.

Man. U. S.

Muhlenbergia confusa (Fourn.) Swallen, Contr. U. S. Nat. Herb. 29: 207. 1947.

Based on *Vilfa confusa* Fourn. Schiede & Deppe 913.
Mexico

Muhlenbergia orinita (L.) Trin. Gram. Unifl. 192. 1824.

Based on "*Anthoxanthum orinitum* L."
New Zealand
= *Dichelachme orinita*

Muhlenbergia crispiseta Hitchc. N. Amer. Fl. 17: 440. 1935.

"Type collected on thin soil of porphyry ledges, Sierra Madre, State of Chihuahua, Mexico, Oct. 23, 1887, Fringle 1411 (U. S. Nat. Herb. no. 995491)."

Muhlenbergia curtifolia Scribn. Bull. Torrey Club 38: 328. 1911.

"Marcus E. Jones 6047j, 1894 collected between Kanab and Carmel, Utah."
Man. U. S.

Muhlenbergia curtifolia ssp. *griffithsii* Scribn. Bull. Torrey Club 38: 328. 1911.

"David Griffiths 5837, 1903, collected in Du Chelly Canyon, Arizona."
= *M. curtifolia* Man. U. S. II.

Muhlenbergia ourtiseta (Scribn.) Bush, Amer. Midl. Nat. 6: 35. 1919.

Based on *Muhlenbergia Schreberi ourtiseta* Scribn.
Illinois
Man. U. S.

Muhlenbergia ourviaristata (Ohwi) Ohwi, Bot. Mag. Tokyo 55: 397. 1941.

Based on *M. ramosa* var. *ourviaristata* Ohwi

Hondo media....Japan--Typus: (J. Ohwi n. 7329)

Muhlenbergia ourviaristata var. *nipponica* Ohwi, Bot. Mag. Tokyo 55: 397. 1941.

"Typus Hondo: Sobuake in Tajima (Y. Araki n. 1094)."
Japan

Muhlenbergia ourvula Swallen, Contr. U. S. Nat. Herb. 29: 410. 1950.

Type in the U. S. National Herbarium, No. 1963089, collected in dry oak-wooded slopes about 12 miles from Guadalupe on road to Santa Rosa, Guadalupe, Mexico, September 30, 1946, by H. E. Moore, Jr. (No. 1553).

Muhlenbergia cuspidata (Torr.) Rydb. Bull. Torrey Club 32: 599. 1905.

Based on "*Vilfa cuspidata* Torr."
Saskatchewan River, Drummond
Canada
Man. U. S.

Muhlenbergia debilis (H.B.K.) Kunth, Rev. Gram. 1: 63. 1829.

Based on "*Podosalum debile* Humb. et Kunth."
[H.B.K.]

Ecuador, Humboldt & Bonpland
= *Muhl. microspema* Man. U. S.

Muhlenbergia decumbens Swallen, Bol. Soc. Bot. Mexico 23: 30. f. 4. 1958.

Type in the U.S. National Herbarium, No. 2,237,023, collected on "orilla carretera, suelo migajón arenoso gris, km. 33, Cuahutémoc - V. Guerrero, 2200 m." Chihuahua, México, Oct. 27, 1954, by E. Hernández X. and C. Tapia J. (No. M-359).

"---closely related to *M. subbiflora* Hitchc. which has smaller spikelets, 2-2.5 mm. long---anthers 1.5 mm. long and thinner, usually acute, not at all awn-pointed, glumes.

Muhlenbergia densiflora Scribn. & Merr. U. S. Dept. Agr. Div. Agro. Bull. 24: 18. f. 4. 1901.

"Type collected on lava beds, Serranía de Ajusco,-- Federal District, 6675 C. G. Fringle."

= *M. firma* Beal 1896--according to type specimens of each. Scribn. & Merr. (l.o.) cite type of *M. firma* under *densiflora*.

Mexico

Muhlenbergia depauperata Scribn. Bot. Gaz. 9: 187. 1884.

[Arizona-----Fringle]

Man. U. S.

Muhlenbergia Diehlii Jones, Contr. West. Bot. 14: 13. 1912.

"Quayanopa cañon, Sierra Madre Mts. Chihuahua, Mexico ---No. 7316." No collector cited. [M. E. Jones, fide A.S.H. Mes.]

= *M. Schmitzii*

Muhlenbergia diffusa Willd. Sp. Pl. 1: 320. 1797.

Name only, Muhl. Amer. Phil. Soc. Trans. 3: 160. 1793.

"Habitat in America boreali."

= *M. schreberi* Man. U. S.

Muhlenbergia diffusa (Muhl.) Farwell, Mich. Acad. Sci. Rep. 20: 168. 1919. Not Willd. 1797.

Based on *Agrostis diffusa* Muhl. Not Host.
Mountains of New Jersey

= *M. sylvatica* Man. U. S.

Muhlenbergia diffusa var. *attenuata* (Scribn.) Farwell, Papers Mich. Acad. Sci. 23: 125. 1938.

= *M. sylvatica* forma *attenuata* (Scribn.) Palmer & Steyerma.
Man. U. S.

Muhlenbergia distans Swallen, N. Amer. Fl. 17: 461. 1935.

"Type collected on dry hills, alt. 1800 m., Las Sedas, Oaxaca, Sept. 15, 1894, Fringle 5575 (U. S. Nat. Herb. no. 746297)."

Mexico

Muhlenbergia distichophylla (Presl) Kunth, Rev. Gram.

1: Suppl. XVI. 1830. (Kunth, Enum. Pl. 1: 202. 1833)

Based on *Podosalum distichophyllum* Presl

Mexico

Mex. Grass.

Muhlenbergia distichophylla Munro ex Vasey, Desor. Cat.

Gram. U. S. 45. 1885, nom. nud. Comb. not made here only "*Muhlenbergia*, Munro" given under *Epicampes distichophylla* Vasey. Published in Jacks. Ind. Kew. 269. 1894, as a syn. of *Epicampes distichophylla* Vasey.

Texas to Ariz.--U. S. plants belong to *M. emersleyi*.

Name, *M. distichophylla*, belongs to Mexican species (See Kunth)

Muhlenbergia distichophylla var. *mutica* Scribn. ex Urbina, Cat. Fl. Mex. 393. 1897, without descr.

"Sitios, agrestes de las cañadas, cerca de Guadalajara, Noviembre 18 de 1889, C. G. Fringle 2360; Sierra de S. Felipe, a 10,500 pies (Est. de Oaxaca), Septiembre 18 de 1894 (C. G. Fringle, 5577)."

= *M. emersleyi*

Muhlenbergia divaricata Hort. ex DC. Cat. Hort.

Monsp. 93. 1813, as syn. of *Chaeturus fasciculatus* DC.
Portugal

Muhlenbergia diversiglumis Trin. Mem. Acad. St. Pétersb. VI. Sci. Nat. 4(1): 298. 1841.

"Mexico, Porto Pedro. (de Karwinsky)."
Mex. Grass.

Muhlenbergia dubia Fourn. in Hemsl. Biol. Centr. Amer.

Bot. 3: 540. 1885, nom. nud.; Fourn. Mex. Fl. 2: 82. 1886.

"South Mexico, Chinantla (Liebmann) [Fourn. cites no. 688 in Mex. Fl. 2: 82. 1886]."

Man. U. S.

Muhlenbergia dubioides C. O. Goodding, Journ. Washington Acad. Sci. 30: 20. 1940.

"W. A. Silveus 3490, collected in Box Canyon, Ariz., September 25, 1936. The type specimen is deposited in the Soil Conservation Service Herbarium in Tucson, Ariz."
Dupl. Type U.S. Nat. Hb.
Man. U. S.

Muhlenbergia dumosa Scribn. ex Vasey, Contr. U. S. Nat. Herb. 3: 71. 1892.

"Arizona (Fringle and Lemmon); Mexico (Fringle), and southern California (Oroutt)."

Man. U. S.

Muhlenbergia dumosa var. *minor* Scribn. ex Beal, Grasses N. Amer. 2: 261. 1896.

"Mexico, Fringle 2355."

= *Muhl. dumosa* Man. U. S.

Muhlenbergia duthiesana Hack. Oesterr. Bot. Zeitschr. 52: 11. 1902.

"In vallibus jugis Himalaya occidentalis in valle fl. Indus pr. Punj Galli in rupibus ad 2200 m. in silvis prope Sambalpur (2200-2400 m) et prope Simla (2300-2500 m) leg. Duthie; in Himalaya occid. legg. Hook. & Thomson (sub. *M. sylvatica* Torr.)."

India

Muhlenbergia elata Vasey, Contr. U. S. Nat. Herb. 1: 282. 1893.

"Collected near Guadalajara by Dr. Edward Palmer (no. 770) in 1886."

= *Muhl. stricta* (Presl) Kunth

Mexico

Muhlenbergia elegans (H.B.K.) Kunth, Rev. Gram. 1: 64. 1829.

Based on "*Podosalum elegans* Humb. et Kunth" [H.B.K.]

Ecuador

= *Muhl. rigida* (H.B.K.) Kunth

N. Am. Fl.

Muhlenbergia elegans var. *atroviolacea* Kuntze, Rev. Gen. Pl. 3: 357. 1898.

"Bolivia: Tumarigebirge 3400 m, Cochabamba 3000m." Kuntze

Muhlenbergia elegans var. *subviridis* Kuntze, Rev. Gen. Fl. 3: 357. 1898.

"Bolivia: Tunarigebirge 1600 m." Kuntze

Muhlenbergia elongata Scribn. in Beal, Grasses N. Amer. 2: 251. 1896. "Scribn. ined."

Mexico, Fringle 398 (type), 3477.
[So marked by Scribn.]

Mex. Grasses

Muhlenbergia eludens C. Reeder, Journ. Wash. Acad. Sci. 39: 365. 1949.

Mexico: Minas, in bed of rocky run, alt. about 2,100 meters, Hitchcock 7768 (ARIZ, US, YU, Type) October 13, 1910.
U.S.

Muhlenbergia emersleyi Vasey, Contr. U. S. Nat. Herb. 3: 66. 1892.

"Southern Arizona (J. D. Emersley)."

Man. U. S.

Muhlenbergia enervis (Scribn.) Hitchc. Contr. U. S. Nat. Herb. 17: 302. 1913.

Based on "*Muhlenbergia gracilis* var. *enervis*" Scribn. Fringle 1413.

Mexico

= *Muhl. montana* Man. U. S.

"glumes only about 1 mm long with short teeth."

Muhlenbergia erecta Schreb. in Both, Neus Beitr. 1: 97. 1802. Name only Muhl. Am. Phil. Soc. Trans. 3: 160. 1793.

on p. 96: [translated: Two species are at present known, the fuller description of which we shall receive shortly from Herr Präsidenten von Schreber in the new part of his excellent Beschreibung der Gräser (which, however, was not published until 1810-A.C.)]

"Habitat in America boreali."

= *Brachelytrum erectum* Man. U. S.

Muhlenbergia erecta Schreb. in Spreng. Mém. Acad. St. Pétersb. 2: 287. 1807-08.

"Habitat in Sylvis umbrosis Georgiae et Carolinae americanae."

= *Brachelytrum erectum* Man. U. S.

Muhlenbergia erecta Presl, Rel. Haenk. 1: 231. 1830. Not Schreb. 1802.

"Hab. in Mexico." Haenke

T = *M. implicata*

Muhlenbergia erectifolia Swallen, Journ. Washington Acad. Sci. 21: 15. 1931.

"Type in the U. S. National Herbarium no. 1,353,062, collected on Paramo de Santurbán, near Vetás, alt. 3,950-4,160 m., Department Santander, Colombia, January 17, 1927, by E. P. Killip and Albert C. Smith (no. 17470)."

Muhlenbergia eriophylla Swallen, Contr. U. S. Nat. Herb. 29: 409. 1950.

Type in the U. S. National Herbarium, No. 1840917, collected in oak woods at Luvianos, Temascaltepec, State of Mexico, altitude 1,100 meters, May 12, 1933, by George B. Hinton (No. 5307).

Muhlenbergia erubescens Schrad. Linnaea 12: 434. 1838.

"India."

Muhlenbergia exilis (Pourn. in Hemsl. Biol. Centr. Amer. Bot. 3: 540. 1885, nom. nud.) Pourn. Mex. Fl. 2: 84. 1886.

...."pr. Mirador....(Gal. n. 5691)."

Mexico

= *M. tenella*

Muhlenbergia expansa (DC.) Trin. Gram. Pan. 26. 1826.

Based on "*Trichochloa expansa* DC. R. et S. II. P. 384 excl. syn. Poir.", as cited by Trin.

Man. U. S.

Carolina Bosc.

Muhlenbergia fasciculata Trin. Gram. Unifl. 192. 1824.

"boreali-Amer. sub nom. *Agrostis debilis* (nec sane Poir.)"

= *Muhl. microsperma* (DC.) Kunth

Man. U. S.

Muhlenbergia fastigiata (Presl) Henr. Med. Rijks Herb. Leiden no. 40: 59. 1921.

Based on *Sporobolus fastigiatus* Presl

Grass. Bo., Peru & Bolivia

Muhlenbergia filiculmis Vasey, Contr. U. S. Nat. Herb. 1: 267. 1893.

"Type specimen collected by C. S. Sheldon [321] on sandy soil, Ute Pass, Green Mountain Falls, El Paso County, Colorado."

Man. U. S.

Muhlenbergia filiculmis (Thurb.) Jones, Contr. West. Bot. 14: 12. 1912. Not Vasey, 1893.

Based on "*Vilfa filiculmis* Thurber" ex Scribn., name only.

= *M. Thurberi* Rydb.

Man. U. S.

Muhlenbergia filiformis (Thurb.) Rydb. Bull. Torrey Club. 32: 600. 1905.

Based on "*Vilfa depauperata* var. *filiformis* Thurb.... 1871."

California - Nevada

Man. U. S.

Muhlenbergia filiformis var. *fortis* E. H. Kelso, Rhodora 38: 298. 1936.

Based on *Sporobolus simplex* Scribn. Not. Muhl. simplex Kunth.

= *Muhl. filiformis*

Rydb. 2411 Georgetown, Colo.

Muhlenbergia filipes M. A. Curtis, Amer. Journ. Sci. 44: 83. 1843.

"Habitat, sandy soil of the sea islands of North Carolina; also East Florida."

= *Muhl. capillaris* var. *filipes*

Man. U. S.

Muhlenbergia firma Beal, Grasses N. Amer. 2: 243. 1896.

Mexico (Oaxaca). Fringle 4914.

Mex. Grass.

Muhlenbergia flabellata Mez, Repert. Sp. Nov. Fedde 17: 213. 1921.

"Costarica, Cerro de Bueno Vista (Pittier)."

Pittier 3372 N. Amer. Fl.

Muhlenbergia flavida Vasey, Contr. U. S. Nat. Herb. 1: 282. 1893.

"Collected at Rio Blanco by Dr. Edward Palmer (No. 645) in 1886."

Mex. Grasses

Muhlenbergia flavida [var.] *strictior* (Scribn.) Hitchc. Contr. U. S. Nat. Herb. 17: 290. 1913.

(Scribn. ex Urbina, Cat. Pl. Mex. 394. 1897, nom. nud.) (Scribn. ex Beal, Grasses N. Amer. 2: 263. 1896, as syn. of *M. strictior* Beal)

Based on *M. strictior* Scribn. ex Beal 1896.

Fringle 3034 (= *flavida* itself)

"Urbina cites it under *M. flavida* 'var. *strictior* Scribn.'" No descr. Cites: Sierra Madre (Est. de Chihuahua) C. G. Fringle 3034. [Fringle 1418 cited by Beal]

Muhlenbergia flaviveta Scribn. U. S. Dept. Agr. Div. Agrost. Bull. 8: 11. pl. 7. 1897.

No. 834, E. Palmer, Mexico, 1896.

Mex. Grass.

Muhlenbergia flexuosa Hitchc. Contr. U. S. Nat. Herb. 24: 388. 1927.

Type in herbarium of the Field Museum, no. 534,937, collected at summit of rocky crest, Huacachi Estación near Muña Peru, alt. 2,000 meters, May 20 to June 1, 1923, by J. Francis Macbride (no. 3874)."

Andes Grasses

Muhlenbergia florissanti Knowlton, Prov. U. S. Nat. Mus. 51: 250. 1915.

Basis of *Piptochaetium florissanti* (Knowlton) Beetle fossil [Florissant, Colo.]

Muhlenbergia foliosa (Roem. & Schult.) Trin. Gram. Unifl. 190. 1824.

Based on "*Agrostis foliosa* Hortul" ex Roem. & Schult. North Amer.

= *M. mexicana* (L.) Trin. f. *ambigua* (Torr.) Fern.

Man. U. S. II

Muhlenbergia foliosa ssp. *ambigua* (Torr.) Scribn. Rhodora 9: 20. Feb. 1907.

Based on *M. ambigua* Torr.

= *M. mexicana ambigua* (Torr.) Scribn.

[Sioux country]

Man. U. S.

Muhlenbergia foliosa f. *ambigua* (Torr.) Wiegand, Rhodora 26: 1. 1924.

Based on *M. ambigua* Torr.

"Okaman Lake, Sioux Country." Geyer

= *M. mexicana* f. *ambigua* Torr.

Man. U. S.

Muhlenbergia foliosa ssp. *setigulumis* (S. Wats.) Scribn. Rhodora 9: 20. Feb. 1907.

Based on *M. sylvatica* var. *setigulumis* S. Wats. (Given as n. comb.) by Scribn. Trinomial. Given subsp. on Gray cards & spoken of as this in text by Scribn.

= *Muhlenbergia mexicana* f. *setigulumis* (S. Wats.) Fern.

Man. U. S.

Muhlenbergia fourmieri Hitchc. Journ. Washington Acad. Sci. 23: 453. 1933.

Based on *Epicampes berlandieri* Fourn.

= *Muhlenbergia robusta* (Fourn.) Hitchc.
A.S.H. N. Am. Fl. 1935.
Mexico (Berl. 670)

Muhlenbergia fragilis Swallen, Contr. U. S. Nat. Herb. 29: 206. 1947.

"Collected at Sunny Glen, west of Alpine, Brewster County, Tex., September 29, 1935, by Barton H. Warnock (No. 235)"

No. 1829290 Man. U. S.

Muhlenbergia frondosa (Poir.) Fernald, Rhodora 45: 235. pl. 749, 750. 1943.

Based on *Agrostis frondosa* Poir.
cult. Germany Man. U. S.

Muhlenbergia frondosa f. *commutata* (Scribn.) Fernald, Rhodora 45: 235. 1943.

Based on *M. mexicana commutata* (as subsp.) Scribn.
Maine, Fernald 522 in 1896 Man. U. S.

Muhlenbergia geniculata Nees ex Steud. Syn. Fl. Glum. 1: 178. 1854.

"Nepal." Asia

Muhlenbergia gigantea (Fourn.) Hitchc. N. Amer. Fl. 17: 460. 1935.

Based on *Epicampes gigantea* Fourn.
Rio Blanco pr. Orizaba (Bourg. n. 3137)
Mexico

Muhlenbergia glabrata (H.B.K.) Kunth, Rév. Gram. 1: 64. 1829.

Based on "*Podosaemum glabratum* Humb. et Kunth." [H.B.K.]
Santa Rosa, Guanajuato, Mexico
N. Am. Fl.

Muhlenbergia glabriflora Scribn. Rhodora 9: 22. Feb. 1907. [spelled *glabrifloris* in Rhodora 1907]

No. 5 J. Beverchon Texas Man. U. S.

Muhlenbergia glauca Nees, Linnaea 19: 689. 1847, not made here. See Ind. Kew. 269. 1894. (As new Mez, Repert. Sp. Nov. Fedde 17: 214. 1921.)

Based on *Podosaemum glaucum* Nees
Agochenborn 335 Man. U. S.
Mexico

Muhlenbergia glomerata (Willd.) Trin. Gram. Unifl. 191. pl. 5. f. 10. 1824.

Based on *Polypogon glomeratus* Willd.
Pennsylvania Man. U. S. II

Muhlenbergia glomerata var. *brevifolia* Vasey, Bot. Gaz. 7: 92. 1882.

"Collected in S. E. California by Mr. S. B. Parish"
= *M. californica* Vasey Man. U. S.

Muhlenbergia glomerata var. *cimoides* (Link) Herp. Rhodora 48: 64. 1946.

Based on *Dactylogramma cimoides* Link.
= *Muhlenbergia glomerata* Man. U. S.

Muhlenbergia glomerata var. *ramosa* Vasey, Desor. Cat. Grasses U. S. 40. 1885.

"Illinois to Colorado and Montana."
= *Muhl. racemosa* Man. U. S.

Muhlenbergia gracilis (H.B.K.) Kunth, Rév. Gram. 1: 64. 1829.

Based on "*Podosaemum gracile* Humb. et Kunth." [H.B.K.]
Mexico
= *M. quadridentata* Mex. Grasses

Muhlenbergia gracilis var. *breviaristata* Vasey in Wheeler, Cat. Fl. Surv. W. 100th Merid. 54. 1874.

Twin Lakes, Colo. 1090, Wolf in 1873
= *Muhl. montana* (Nutt.) Hitchc. Man. U. S.

Muhlenbergia gracilis var. *enervis* Scribn. ex Beal, Grasses N. Amer. 2: 242. 1896.

"Mexico, Fringle 1413"
= *M. montana* N. Am. Fl.

Muhlenbergia gracilis var. *major* Vasey in Wheeler, Rep. U. S. Surv. W. 100th Merid. 6: 284. 1878.

"Mount Graham, Arizona, 1874 (744)" [Rothrock Exped.]
= *Muhl. montana* Man. U. S.

Muhlenbergia gracillima Torr. U. S. Rep. Expl. Miss. Pacif. 4: 155. 1857.

"Llano Estacado, and near the Antelope hills of the Canadian River; Sept."
Texas
= *M. torreyi* Man. U. S.

Muhlenbergia grandis Vasey, Contr. U. S. Nat. Herb. 1: 283. 1893.

"Collected at Rio Blanco by Dr. Edward Palmer (No. 515) in 1886; and by C. G. Fringle at Jalisco (No. 1760) in 1888."
Valid Mex. Grass.

Muhlenbergia gymnostyla Nees, Del. Sem. Hort. Vratisl. 3. 1850.

Cult. Germany

Muhlenbergia hakonensis (Hack.) Makino, Journ. Jap. Bot. 1: 13. 1917.

"*Muhlenbergia hakonensis* Hack."
[error for *M. japonica* var. *hakonensis* Hack.]
Coll. Matsum: Hakone, prov. Sagami [Japan]

Muhlenbergia Herzogiana Henr. Med. Rijks. Herb. Leiden no. 40: 58. 1921.

"Zwergras auf Schieferschlutt am Ufer eines Glazial-tumpels (Cord. Santa Benito) ... Juni 1911 (no. 2226) [Herzog. Bolivia]
= *Muhl. peruviana* Hitchc.,
Grasses Ecuador, Peru, Bol.

Muhlenbergia himalayensis Hack. ex Hook.f. Fl. Brit. Ind. 7: 259. 1896.

"Hack. in Herb. Duthie n. 10,128" [Duthie, Coll. type]

"Western Himalaya, alt. 6-7000 ft., from Chamba to Simla, Thomson, Madden, &."
India

Muhlenbergia hintoni Swallen, Contr. U. S. Nat. Herb. 29: 409. 1950.

Type in the U. S. National Herbarium, No. 1840838, collected in meadow, Crucero, Temascaltepec, State of Mexico, Mexico, altitude 2,880 meters, December 30, 1932, by George B. Hinton (No. 3059).

Muhlenbergia hirtula Steud. Syn. Fl. Glum. 1: 180. 1854.

"Texas, Hrbr. Drummond"
= *Limnoda arkansana* Man. U. S.
Texas

Muhlenbergia holwayorum Hitchc. Contr. U. S. Nat. Herb. 24: 389. 1927.

"Type in the U. S. National Herbarium, no. 1,108,445, collected at Sorata, Bolivia, April 16, 1920, by E.W.D. and Mary M. Holway (no. 530)."

Muhlenbergia huachuana Vasey, Contr. U. S. Nat. Herb. 3: 69. 1892.

"Huachuca Mountains, Arizona (J. G. Lemmon)."
= *M. glauca* Hitchc. Man. U. S.

Muhlenbergia huegelii Trin. Mém. Acad. St. Pétersb. VI. Sol. Nat. 4^b: 293. 1841.

"Himalaya, Massuri. (de Hügel)."
Asia

Muhlenbergia idahoensis St. John, Fl. Southeast. Washington & Adj. Idaho 50. 1937.

"Idaho: meadow along creek, 4500 ft. alt., Zaza, Craig Mts., Nez Perce Co., Oct. 9, 1927, H. St. John 9085 (type in Herb. State College of Washington)."
= *M. filiformis* Man. U. S.

Muhlenbergia implicata (H.B.K.) Kunth, Rév. Gram. 1: 63. 1829.

Based on "*Podosaemum implicatum* Humb. et Kunth."
Mexico Mex. Grass.

Muhlenbergia incumbens Honda, Bot. Mag. Tokyo 40: 320. 1926.

"Hab. Kyushu: Kami-matsukuma prov. Higo (K. Mayebara No. 23-1 et 2, anno 1924); Shimo-matsukuma, prov. Higo (K. Mayebara No. 121, anno 1925); Konose, prov. Higo (K. Mayebara, no. 122 et 124, anno 1925)."
Japan

Muhlenbergia interrupta (L.) Steud. Syn. Fl. Glum. 1: 177. 1854.

Based on "*Agrostis interrupta* L."
= *Apera interrupta* (L.) Beauv. Man. U. S.
Europe

Muhlenbergia involuta Swallen, Amer. Journ. Bot. 19: 436. f. 2. 1932.

"Type in the U. S. Nat. Herb. No. 1501594....20 mi. northeast of San Antonio, Oct. 10, 1931, by W. A. Silveus (no. 358)."
Texas

aff. *M. distichophylla* (Presl) Kunth

Muhlenbergia jaliscoana Swallen, Bol. Soc. Bot.
Mexico 23: 32. f. 5. 1958.

Type in the U.S. National Herbarium No. 2,118,498, collected on the steep west-facing slopes in pine forest, Sierra de Manantlan (15-20 miles southeast of Putian), on the "bajada" south and west of the divide between Aserradero San Miguel Uno and Durazno, 1700 m., Jalisco, Mexico, November 7, 1952, by Rogers McVaugh (No. 13,991).

"---probably most closely related to *Muhlenbergia reverchonii* Vasey & Scribn."

Muhlenbergia japonica Steud. Syn. Fl. Glum. 1: 422.
1855.

"Ex Hrbr. Mus. Lugd. Bat. Japonia."

Muhlenbergia japonica var. *hakomansis* Hack. ex
Matsumura, Bot. Mag. Tokyo 11: 444. 1897, with
Japanese notes; Bull. Herb. Boiss 7: 647. 1899.

"Coll. Matsum.: Hakone, prov. Sagami."
[Japan]

Muhlenbergia japonica var. *ramosa* Hack. ex Matsumura,
Bot. Mag. Tokyo 11: 444. 1897, with Japanese notes;
Bull. Herb. Boiss. 7: 647. 1899.

"Coll. Matsum.: Tokyo." [Japan]

Muhlenbergia japonica var. *ramosa* Hack. ex Matsum.
Ind. Fl. Jap. 2: 67. 1905.

Tokio, Japan

Muhlenbergia jonesii (Vasey) Hitchc. in Jepson, Fl.
Calif. 1: 111. 1912.

Based on "*Sporobolus jonesii* Vasey" Man. U. S.
Calif.

Muhlenbergia lanata (H.B.K.) Hitchc. N. Amer. Fl.
17: 459. 1935.

Based on *Agrostis lanata* H.B.K.
Mex. - Villalpando, Santa Rosa & Cerro del
Cubilete

Muhlenbergia lateriflora Trin. ex Kunth, Enum. Fl.
1: 207. 1833, as syn. of *Cinna lateriflora* Kunth.
[Not made in Trin. Gram. Unifl. 193. 1824]

= Muhl. frondosa Man. U. S. II.

Muhlenbergia laxa Hitchc. N. Amer. Fl. 17: 445. 1935.

"Type collected in moist places, at Orizaba, Mexico,
October, Botteri 1259 (U. S. Nat. Herb. no. 822840)."

Muhlenbergia laxiflora Scribn. Zee 4: 389. 1894.

"La Chuparosa, Oct. 17 (74)." = No. 1412 C. G.
Pringle (1887)."

T = M. rigida
short-awned N. Am. Fl.

Muhlenbergia Lehmanniana Henr. Med. Rijks Herb.
Leiden 40: 59. 1921.

"Columbia: prob. prope Popayan leg. Lehmann sub no.
B.T. 1267 in Herb. Lugd. Bat. sub no. 908. 350-519."
S. Amer.

Muhlenbergia lemmonii Scribn. Contr. U. S. Nat. Herb.
1: 56. 1890.

Texas, being in account of Nealley collections
["Ballinger (Bumels County)] also in New Mexico,
Arizona and Mexico."

[G. C. Nealley, Coll.]

type is "*Lemmon* and wife 2918" Arizona

= Muhl. glauca Man. U. S.

Muhlenbergia leptoura (Piper) Hitchc. N. Amer. Fl.
17: 468. 1935.

Based on *Epicampes leptoura* Piper

Sierra Madre Mts. Mex. (341 Townsend & Barber)
N. Am. Fl.

Muhlenbergia liebmanni (Fourn. in Hems. Biol. Centr.
Amer. Bot. 3: 541. 1885, nom. nud.) Fourn. Mex. Fl.
2: 83. 1886.

"Alpatlahua... (Liebm. n. 655, 706)."

= *Trinichloa stipoides*

Mexico

Muhlenbergia ligularis (Hack.) Hitchc. Contr. U. S. Nat.
Herb. 24: 388. 1927.

Based on *Sporobolus ligularis* Hack.

Andes Gr.
Ecuador Sodiro

Muhlenbergia ligulata (Fourn.) Scribn. & Merr. U. S.
Dept. Agr. Div. Agrost. Bull. 24: 19. 1901.

Type: "*Cheboissaea ligulata* Fourn. 1881" cited, but
name misapplied to Palmer 731 and 948 Mexico, cited.
this basis of Muhl. subbiflora Hitchc. 1935.

Muhlenbergia lindheimeri Hitchc. Journ. Washington
Acad. Sci. 24: 291. 1934.

"Type in the U. S. National Herbarium, no. 998,949,
collected in Texas in 1847 by F. Lindheimer (no. 725)."
Man. U. S.

Muhlenbergia longifolia Vasey, Contr. U. S. Nat. Herb.
1: 283. 1893.

"Collected at Rio Blanco by Dr. Edward Palmer (No.
523) in 1886."

= M. stricta (Presl) Kunth N. Am. Fl.

Muhlenbergia longiglumis Vasey, Proc. Amer. Acad. 22:
461. 1887, without descr.; Contr. U. S. Nat. Herb.
1: 283. 1893.

"Collected at Guadalajara by Dr. Edward Palmer
(No. 766)."

Proc. Amer. Acad. gives: Guadalajara 766 [Palmer in
1886] - Undetermined species. Guadalajara 457 [Palmer
in 1886] - Guadalajara 481, 482 [Palmer in 1886] Rio
Blanco (515) - Rio Blanco. (523, 524) - Rio Blanco
(645) - Rio Blanco (682) - Guadalajara. (770)"

Mex. Grass.

Muhlenbergia longiligula Hitchc. Amer. Journ. Bot.
21: 136. 1934.

Based on *Epicampes ligulata* Scribn. 1892. Not Muhl.
ligulata Scribn. & Merr. 1901.

Pringle in 1884.

Santa Rita Mts. Arizona

Muhlenbergia longiseta Benth. Fl. Hartw. 28. 1840.

"ad fossas, Aguas Calientes." Hartweg 248.

= *Muhlenbergia tenuifolia* (H.B.K.) Kunth
N. Am. Fl.
Mexico

Muhlenbergia longistolon Ohwi, Bull. Nat. Sci. Museum
(Tokyo) 26: 3. 1949.

Hab. Yezo, Hondo (Mt. Sasagotoge in Kai, leg. K.
Watanabe MSN. no. 63003, typus), Shikoku, Kiushiu,--
Distr. China, Korea, Manchuria.

Muhlenbergia lucida Swallen, Journ. Washington Acad.
Sci. 26: 208. 1936.

Type in the U. S. National Herbarium no. 1614380,
collected on ledges of igneous rock, "Barranca Colo-
rad," Sierra Gachio, alt. 2300-2500 m, 35 km.
southwest of Minaca, Chihuahua, Mexico, Sept. 16-17,
1934, by Francis W. Fennell (no. 18955)"

[lycouroides in Beal]

Muhlenbergia lycurioides Vasey, Proc. Amer. Acad. 22:

461. 1887, without descr. Vasey ex Beal, Grasses
N. Amer. 2: 239. 1896.

"Guadalajara [Palmer] 489 [in 1886] The same as 680
Botteri M. affinis Trin. Rio Blanco. (522) [Palmer]
in 1886." [From Proc. Amer. Acad.]

Beal gives "Mex. Palmer 489."

= *Lycurus phleoides*

Muhlenbergia macrostachya Boj. Hort. Maurit. 367. 1837.

"Intérieur de l'île Madagascar.

Cult. au jardin du Roi, Pamp. "

Muhlenbergia macrotis (Piper) Hitchc. N. Amer. Fl.
17: 463. 1935.

Based on *Epicampes macrotis* Piper

Sierra Madre Mts. Zacatecas, Mex. Rose 352.

Muhlenbergia macroura (H.B.K.) Hitchc. N. Amer. Fl.
17: 468. 1935.

Based on *Crypsis macroura* H.B.K.

Mex. Toluca Humb. & Bonpl.

Muhlenbergia Madrensis Jones, Contr. West. Bot.
14: 12. 1912.

"In meadows, Round Valley near Garcia, Sierra Madre
Mts. Chihuahua, No. 7315---no collector given
[M. E. Jones]

T = M. flavida var. strictior

Mexico

Muhlenbergia magna Hitchc. N. Amer. Fl. 17: 460. 1935.

"Type collected under cool cliffs of barranca near
Guadalajara, Mexico, Nov. 3, 1890, Fringle 3335
(U. S. Nat. Herb. no. 825277)."

Muhlenbergia Marshallii I. M. Johnston, Journ. Arn. Arb.
24: 392. 1943.

"Coahuila: Sierra del Carmen, Sept. 8, 1936, E. G.
Marsh Jr. 746 (Type, Gray Herb.)."

Man. U. S.

Muhlenbergia matudae Sohns, Journ. Washington Acad. Sci.
46: 382. figs. 32-38. 1956.

Type in U.S. National Herbarium, no. 2079186, collected
"en ladera húmeda, orilla de bosque mixto de pinos y
oyamel, Lago de Zempoala, Edo. de Morelos," Mexico,
alt. 3000 m., Oct. 7. 1951, by Dr. E. Matuda
(no. 25601). Named for Dr. Elzi Matuda.

Muhlenbergia mertensii Trin. ex Steud. Nom. Bot. ed. 2.
2: 164. 1841, nom. nud. "Trin. mpt."

"Dr. Mertens 1829" [locality illegible]

spikelets 2-4 flowered, not *Muhlenbergia*

1388 Hitchcock notebook II Trinius Herb. no fragment

See---A.S.H. Eur. Notes.

Muhlenbergia Metcalfi Jones, Contr. West. Bot.

14: 12. 1912. [Metcalfi used in Manual]

"No. 1485 Metcalf, Santa Rita Mt. Grant Co.

New Mex., on rocky slopes - "

Man. U. S.

Muhlenbergia mexicana (L.) Trin. Gram. Unifl. 189. 1824.

Based on *Agrostis mexicana* L.

Man. U. S. II

Muhlenbergia mexicana f. *ambigua* (Torr.) Fernald,

Rhodora 45: 236. 1943.

Based on *Muhlenbergia ambigua* Torr.

"Okeman Lake, Sioux Country, Geyer"

Muhlenbergia mexicana ssp. *commutata* Scribn. Rhodora

9: 18. Feb. 1907.

(changed to var. same Farwell, Rep. Mich. Acad. Sci. 17: 181. 1916; to forma same Wiegand Rhodora 26: 1. 1924)

522 Fernald in 1896 chosen as type by A.S.H.

Maine

= *M. frondosa* f. *commutata* (Scribn.) Fern.

Man. U. S. II

Muhlenbergia mexicana filiformis (Willd.) Scribn. Mem.

Torrey Club 5: 36. 1894.

Published as trinomial

(*M. mexicana* filiformis Vasey, Grasses U. S. 23. 1883, nom. nud.)

Based on "*Agrostis filiformis* Muhl." (error for Willd.)

Muhl. mexicana f. *ambigua* (Torr.) Fern.

Man. U. S.

Pa.

Muhlenbergia mexicana var. *purpurea* Wood, Amer. Bot.

and Flor. pt. 2. 386. 1871.

"Ill. J. Wolf"

= *M. mexicana*

Man. U. S. II.

Muhlenbergia mexicana f. *setigulumis* (S. Wats.) Fernald,

Rhodora 45: 236. 1943.

Based on *Muhlenbergia sylvatica* var. *setigulumis* (S. Wats.) Fernald.

Humboldt Pass, Nev. Watson 1288

Man. U. S. II

Muhlenbergia Mexicana Hitchc. N. Amer. Fl. 17: 461. 1935.

Based on *Epicampes minutiflora* Mez. ..Not *Muhlenbergia minutiflora* Hitchc.

Mex. Michoacan, Canizal (Langlasse)

Muhlenbergia microsperma (DC.) Kunth, Rev. Gram. 1: 64.

1829.

Based on "*Trichochloa microsperma* DC."

Man. U. S.

Mexico

Muhlenbergia minutiflora (Michx.) Hitchc. Trans. Kans.

Acad. 14: 140. 1896.

Based on *Dilepyrum minutiflorum* Michx.

Ky. and Ill. Michaux

= Muhl. schreberi

Man. U. S.

Muhlenbergia minutissima (Steud.) Swallen, Contr. U. S.

Nat. Herb. 29: 207. 1947.

Based on *Agrostis minutissima* Steud.

New Mexico. Fendler 986

Man. U. S. II

Muhlenbergia mollicoma Nees in Hook. Lond. Journ. Bot.

2: 414. 1843.

"In Insula Van Diemen 8. et 11. Jan. 1838. Gunn n. 988."

Australia

Muhlenbergia montana (Nutt.) Hitchc. U. S. Dept. Agr.

Bull. 772: 145, 147. 1920.

Based on *Calyodon montanum* Nutt.

N. Mex.

Man. U. S.

Muhlenbergia monticola Buckl. Proc. Acad. Phila.

1862: 91. 1862.

"Northwestern Texas."

Man. U. S.

Muhlenbergia mucronata (H.B.K.) Kunth, Rev. Gram.

1: 63. 1829.

Based on "*Podosasum mucronatum* Humb. et Kunth" [H.B.K.]

Mexico

= *Muhlenbergia rigida*

N. Am. Fl.

Muhlenbergia multiflora Pers. ex Beauv. Ess. Agrost.

168. (Index) 1812, nom. nud.

Muhlenbergia multinodis Asplund, Bot. Not. 1939: 796.

f. 1. 1939.

"Hab. in Novae Granatas (Colombiae) prov. Popayan ad pagum El Tambo loco graminoso 1700 m s. m. (Sneider) 1923, 22. VI. 1938 florens).

aff. *M. Emersleyi* Vasey (*M. Vaseyana* Scribn.)

Colombia S. Amer.

Muhlenbergia mundula I. M. Johnston, Journ. Arn. Arb.

24: 392. 1943.

"Chihuahua: ...by streams near Chihuahua, Oct. 13, 1885, Fringle 417 (Type, Gray Herb.)."

Man. U. S.

Muhlenbergia mutica (Rupr.) Hitchc. N. Amer. Fl.

17: 459. 1935.

Based on *Epicampes mutica* Rupr. ex Fourn.

Mirador, Zacuapam, Cantaranas

Galeotti 5797 Mexico.

Muhlenbergia nana Benth. Fl. Hartw. 262. 1846.

"In radicibus montis ignivomi Cotopaxi." Hartweg

= Muhl. peruviana

Grass. Ex., Peru & Bolivia

Muhlenbergia nardifolia Griseb. Abh. Ges. Wiss.

Göttingen 24: 294. 1879.

"C." = Cordoba und Santiago del Estero.

"C.: Cordoba, Pampa pr. Laguna de Pocho."

Argentina

= Muhl. torreyi (Kunth) Hitchc.

Man. U. S.

Muhlenbergia nebulosa Scribn. in Beal, Grasses N. Amer.

2: 247. 1896. "Scribn. ined."

Mexico, Fringle 2366, in 1889.

Wet places, hills near Guadalajara

= *M. tenuissima* (Presl) Kunth

N. Am. Fl.

Muhlenbergia neo-mexicana Vasey, Bot. Gaz. 11: 337.

1886.

"Rocky hills and mountain sides, New Mexico [Type O. R. Vasey] and Arizona."

= Muhl. pauciflora

Man. U. S.

Muhlenbergia nigra Hitchc. N. Amer. Fl. 17: 468. 1935.

"Type collected on cool slopes under pines, alt. about 3300m., Nevada de Toluca, Mexico, Sept. 2, 1892, Fringle 4211 (U. S. Nat. Herb. No. 746689)."

Muhlenbergia novoguineensis Pilger, Bot. Jahrb. Engler

62: 457. 1929.

Nordöstl. Neu-Guinea: Saruwaged-Gebirge, Bolan, (Keysser-Original der Art!).

Muhlenbergia orophila Swallen, Contr. U. S. Nat. Herb.

29: 408. 1950.

Type in Chicago Natural History Museum, No. 1202399, collected in alpine meadow, summit of Sierra de las Cochumantanes, altitude 3,700-3,800 meters, Cerro Chimal, Department of Huehuetenango, Guatemala, August 8, 1942, by Julian A. Steyermark (No. 50309).

Muhlenbergia palmeri Vasey, Bull. Torrey Club 13: 231.

1886.

"Collected by Dr. Ed. Palmer, in S. W. Chihuahua in 1885."

Mex. Or. - N. Am. Fl.

Muhlenbergia palustris Scribn. U. S. Dept. Agr. Div.

Agrost. Bull. 11: 47. 1898.

"Swampy grounds, Brightwood, D. C. (E. S. Steele, September 1896.)"

= Muhl. schreberi var. *palustris*

Man. U. S.

Muhlenbergia parishii Vasey, Bull. Torrey Club

13: 53. 1886.

Based on *M. sylvatica* var. *californica* Vasey."

California

= *Muhlenbergia californica* Vasey

Man. U. S.

Muhlenbergia parviglumis Vasey, Contr. U. S. Nat. Herb.

3: 71. 1892.

"Texas (G. C. Nealley)."

Man. U. S.

Muhlenbergia pauciflora Buckl. Proc. Acad. Phila.

1862: 91. 1862.

"Hill sides, Western Texas." [Wright 732]

Man. U. S.

Muhlenbergia pectinata C. O. Goodd. Journ. Washington

Acad. Sci. 31: 505. 1941.

"Type.--Fringle 1745 (U. S. National Herbarium no. 995478), moist ledges of the barranca near Guadalajara, Jalisco, Mexico, November 1, 1888."

related to *M. ciliata* (H.B.K.) Kunth ...also closely allied to *M. tenella* (H.B.K.) Trin.

Man. U. S. II.

Muhlenbergia pendula Trin. Mém. Acad. St. Pétersb. VI.
Math. Phys. Nat. 2: 172. 1832.

Ile de Sitoha.

= *Cinna latifolia*

Man. U. S.

Alaska

Muhlenbergia peruviana (Beauv.) Steud. Nom. Bot. ed. 2.
1: 41. 1840.

Based on *Agrostis peruviana* Spreng., that based on
"*Clomona peruviana* P. B."
[Beauv.]

Peru

Andes Grasses

Muhlenbergia peruviana var. *breviaristata* Hack. ex
Buchtien, Contr. Fl. Boliv. 1: 72. 1910, nom. nud.

"La Paz" [Bolivia] [865] Buchtien, Coll.
U.S.

= *peruviana*

Muhlenbergia peruviana var. *elatio* Kuntze, Rev. Gen.
Fl. 3³: 357. 1898.

No loc. cited. [Bolivia, Tunari S. Amer.]

Muhlenbergia peruviana var. *pulvinata* (Nees) Nees &
Mey. ex Kuntze, Rev. Gen. Fl. 3³: 357. 1898.

Presumably based on *Clomona peruviana* var. *pulvinata*
Nees.

Bolivia

Muhlenbergia peruviana var. *pulvinata* subv. *viridis*
Kuntze, Rev. Gen. Fl. 3³: 357. 1898.

"Bolivia: 4000 m" [Kuntze]

Muhlenbergia peruviana var. *subcaespitosa* Kuntze, Rev.
Gen. Fl. 3³: 357. 1898.

No loc. cited for this. Only for *forma* *versicolor*

Muhlenbergia peruviana var. *subcaespitosa* subv. *versicolor*
Kuntze, Rev. Gen. Fl. 3³: 357. 1898.

"Bolivia: Tunarigebirge 4000 - 5000 m. Argentina:
Salta."

Muhlenbergia phragmitoides Griseb. Abh. Ges. Wiss.
Göttingen 19: 255. 1874.

"Tuouman, in sylvis montanis reg. Aliso, Cuesta de
Anfama." [Lorentz, Coll.]

Argentina

Muhlenbergia phragmitoides var. *breviaristata* Hack.
Ann. Cons. Jard. Genève 17: 291. 1914.

"Stuckert n. 22470 ex Lillo no. 11322 (28. III. 1912).
Tuouman, Lara, a 3200 m.

Argentina

Muhlenbergia plumbea (Trin.) Hitchc. Contr. U. S. Nat.
Herb. 17: 296. 1913.

Based on "*Vilfa plumbea*" Trin.

"Min del monte"

Mexico

N. Am. Fl.

Muhlenbergia polycaulis Scribn. Bull. Torrey Club
38: 327. 1911.

"C. G. Fringle 1414. 1887."

Chihuahua, Mexico

Man. U. S. Mex. Grass.

Muhlenbergia polypogon (DC.) Kunth, Rev. Gram.
1: 64. 1829.

Based on "*Trichochloa polypogon* DC."

Carolina

= *Muhlenbergia capillaris* (Lam.) Trin.

Man. U. S.

Muhlenbergia polypogonoides Hack. Ann. Naturhist.
Hortus Wien. 17: 255. 1902.

"Mexico: Schmitz nr. 862."

= *M. setarioides*

Mex. Gr.

N. Am. Fl.

Muhlenbergia polystachya Mackenz. & Bush, Man. Fl.
Jackson County 23. 1902.

"Open rocky woods east of Sibley" [Mo., Mackenzie
637]

= *M. mexicana*

Man. U. S. II

Muhlenbergia porteri Scribn. in Beal, Grasses N. Amer.
2: 259. 1896.

"Scribn. in MS."

Based on "*M. Texana* Thurb."

Texas

Man. U. S.

Muhlenbergia Presliana Hitchc. N. Amer. Fl.
17: 462. 1935.

Based on *Epicampes stricta* Presl

Mexico (Haenke)

Muhlenbergia pringlei Scribn. in Vasey, Contr. U. S.
Nat. Herb. 3: 71. 1892.

"Santa Rita Mountains, Arizona, (Pringle, no. 480)."

= *M. pauciflora* Buckl.

Man. U. S.

Muhlenbergia pubescens (H.B.K.) Hitchc. N. Amer. Fl.
17: 460. 1935.

Based on *Agrostis pubescens* H.B.K.

[Humb. & Bonpl.]

Mex. juxta Villalpando, Santa Rosa et Cerro del
Cubilete

N. Am. Fl.

Muhlenbergia pubigluma Swallen, Proc. Biol. Soc.
Washington 56: 78. 1943.

"Municipio de Cuatro Ciénegas, Sierra de la Madera,
Cañon del Agua, Coahuila, common in shrub zones of
lower canyon, Sept. 16, 1939, C. H. Muller 3264 (type,
herb. U. S. Nat. Arboretum 145092)."

Mexico

aff. *M. pubescens* (H.B.K.) Hitchc.

Muhlenbergia pulcherrima Scribn. in Beal, Grasses N.
Amer. 2: 240. 1896. "Scribn. ined."

Mexico, Fringle 1416

Mex. Grass.

N. Am. Fl.

Muhlenbergia pungens Thurb. in A. Gray, Proc. Acad.
Phila. 1863: 78. 1863.

Hall and Harbour 632---"1862 on and near the Rocky
Mountains, in Colorado Territory, lat. 39°--41°."

"Collected also by Mr. H. Engelmann in Nebraska, and
by Dr. J. S. Newberry in Ives' Colorado Expedition."

Man. U. S.

Muhlenbergia purpurea Nutt. Journ. Acad. Phila. II.
1: 186. 1848.

"Hab. Santa Barbara, Upper California, and the
island of Santa Catalina." Collected by William
Cammel.

= *Muhl. microsperma*

Man. U. S.

Muhlenbergia Purpusii Mez, Repert. Sp. Nov. Fedde 17:
214. 1921.

"Mexico, San Luis Potosi, Minas de San Rafael
(Purpus)."

N. Am. Fl.

Muhlenbergia pusilla Steud. Syn. Fl. Glum. 1: 177.
1854.

"Toluoca (Hrbr. Berlandier nr. 1141)"

Mexico

Mex. Grass.

Muhlenbergia quadridentata (H.B.K.) Kunth, Rev. Gram.
1: 64. 1829.

Based on "*Podosasum quadridentatum* Humb. et Kunth."
[H.B.K.]

Mexico

Mex. Grass.

Muhlenbergia quitensis (H.B.K.) Hitchc. Contr. U. S.
Nat. Herb. 17: 292. 1913.

Based on "*Calamagrostis quitensis*" H.B.K.

[Type from southern Mexico]

= *M. tenuifolia* (H.B.K.) Kunth

N. Am. Fl.

Muhlenbergia racemosa (Michx.) B.S.P. Frel. Cat. Fl.
N. Y. 67. 1888.

Presumably based on [*Agrostis racemosa* Michx.]

Cites: "(*M. glomerata* Trin.)" [error]

Mississippi River, Ill.

Michaux

Man. U. S.

Muhlenbergia racemosa var. *brevifolia* (Vasey) Beal,
Grasses N. Amer. 2: 253. 1896.

Based on "*M. glomerata* var. *brevifolia* Vasey

San Bernardino Mts. California

= *Muhl. californica*

Man. U. S.

Muhlenbergia racemosa var. *ramosa* (Vasey) Vasey ex Beal,
Grasses N. Amer. 2: 253. 1896.

Based on *Muhl. glomerata* var. *ramosa* Vasey

[Type, collected by Vasey, marked "Dakota and
Wisconsin."]

= *M. racemosa*

Man. U. S.

Muhlenbergia racemosa ssp. *violacea* Scribn. Rhodora
9: 22. 1907.

O. E. Pearce in 1883.

North Hannibal, N. Y.

T

= *Muhlenbergia glomerata*

Man. U. S. II

Muhlenbergia ramosa (Hack.) Makino, Journ. Jap. Bot.
1: 13. 1917.

"*Muhlenbergia ramosa* Hack."
[error for *M. japonica* var. *ramosa* Hack.
Tokyo, Japan (Coll. Matsumura)

Muhlenbergia ramosa var. *curvicularistata* Ohwi, Acta
Phytotax. & Geobot. 6: 292. 1937.

"Hab. Hondo media in montibus (Yetchu, Kaga, Hida,
Shinano).--Typus: Kanetsuri, Kurobekyo in Yetchu
(J. Ohwi n. 7329 in Herb. Imper. Univers. Kyoto)."
Japan

Muhlenbergia ramosissima Vasey, Bull. Torrey Club
13: 231. 1886.

"Collected by Dr. Ed. Palmer [158] in S. W.
Chihuahua in 1885." Mexico
= *M. microsperma* Man. U. S.

Muhlenbergia ramulosa (H.B.K.) Swallen, Contr. U. S.
Nat. Herb. 29: 204. 1947.

Based on *Vilfa ramulosa* H.B.K.
"Jorullo" Mexico Humb. & Bonpl.

Muhlenbergia rara (R. Br.) Trin. ex Kunth, Enum. Pl.
1: 218. 1833.

Based on "*Agrostis rara* Br." [R. Br.]
= *Dichelachne rara* (R. Br.) Vickers
Australia

Muhlenbergia rara var. *macrostachya* Hook. Lond. Journ.
Bot. 2: 414. 1843.

"Van Diemen's Land. G. Everett. Esq."
Dichelachne Australia

Muhlenbergia rariflora Hook.f. Pl. Antarct. 371. pl. 131
1847.

"Hab. Cape Tres Montes; Patch Cove, 2,000 feet,
C. Darwin, Esq."
= *Ortachne rariflora* (Hook.f.) Hughes
Falkland Isl.

Muhlenbergia repens (Presl) Hitchc. in Jepson, Fl.
Calif. 1: 111. 1912.

Based on "*Sporobolus repens* Presl"
Mexico Man. U. S.

Muhlenbergia reverchonii Vasey & Scribn. Contr. U. S. Nat.
Herb. 3: 66. 1892.

"Texas (Reverchon)." [73] Man. U. S.

Muhlenbergia richardsonis (Trin.) Rydb. Bull. Torrey
Club. 32: 600. 1905.

Based on "*Vilfa richardsonis* Trin....1840."
Menzies Island [Columbia River, Wash.]
Man. U. S.

Muhlenbergia rigens (Benth.) Hitchc. Journ. Washington
Acad. Sci. 23: 453. 1933.

Based on *Epicampes rigens* Benth.
California
[Bolander 6124 - Type]

Muhlenbergia rigida (H.B.K.) Kunth, Rev. Gram. 1: 63.
1829.

Based on "*Podosalum rigidum* Humb. et Kunth"
[H.B.K.]
Mexico Man. U. S.

Muhlenbergia robusta (Fourn.) Hitchc. N. Amer. Fl.
17: 462. 1935.

Based on *Epicampes robusta* Fourn.
Taouhaya (Bourq. n. 683), Santa Fe (Bourq. n. 1153)
Cuernavaca (Hahn n. 420)
Mexico

Muhlenbergia rupestris Steud. ex Lechl. Berb. Amer.
Centr. 56. 1857, nom. nud.

Lechler 1809. Peru
= *Calamagrostis heterophylla* (Wedd.) Pilger.
Andes Grasses

Muhlenbergia scabra (H.B.K.) Trin. & Rupr. Mém. Acad.
St. Pétersb. VI. Sci. Nat. 5(1): 183. 1842.

Based on *Aristida scabra* Kunth, this based on
Streptachne scabra H.B.K.
Humb. & Bonpl. "near Toluca Mex."
= *Aristida ternipes* Cav. Man. U. S.

Muhlenbergia scabra S. Wats. Proc. Amer. Acad.
18: 174. 1883. Not Trin. & Rupr. 1842.

"At San Luis Potosi (1067 Schaffner)."
Mexico

Muhlenbergia scabra Scribn. ex Beal, Grasses N. Amer.
2: 243. 1896, as syn. of *M. firma* Beal l.o. Not
Trin. & Rupr. 1842.

"The specific name proposed by Scribner had been
used by S. Watson, Proc. Am. Acad. 17: 174. (1883)
= *M. firma* Mex. Gr.

Muhlenbergia schaffneri Fourn. in Hensl. Biol. Centr.
Amer. Bot. 3: 542. 1885, nom. nud.; Mex. Pl. 2: 85.
1886.

"Prope Taouhaya (Schaffn. n. 50 in herb. Franq.,
514 in herb. Coss.); Mirador (Schaffn. pl. ed.
Hohen. n. 142)."
Mexico

= *Muhl. depauperata* Scribn. Man. U. S.

Muhlenbergia schaffneri var. *longiseta* Scribn. Proc.
Acad. Phila. 1891: 297. 1891.

"Foot hills of the Rio Hondo, ten miles west of the
City of Mexico, growing on thin soil of ledges.
August 25."
"Species collected in 1890, by Mr. C. G. Fringle."
not found in U. S. Herb.
Mexico

Muhlenbergia schmitzii Hack. Ann. Naturhist. Hofmus.
Wien. 17: 255. 1902.

"Mexico: Schmitz nr. 180."
T
U.S.

Muhlenbergia schreberi Omel. Syst. Nat. 2: 171. 1791,
without descr.

Based on "*Muhlenbergia*, Schreb. gen. plant. Linn. I.
p. 44. n. 103." 1789.
[This is Schreber's edition ed. 8. of L. Gen. Pl.
Schreber gives a description of the genus, but no
species is mentioned, or place]
See. A.S.H.'s note in H. & C. Libr. Copy of Syst. Veg.
Valid in Man. U. S.
[presumably Pa.]

Muhlenbergia Schreberi ssp. *cortiseta* Scribn.
Rhodora 9: 17. Feb. 1907.

J. Wolf in 1881.
Illinois type
= *M. cortiseta* Man. U. S.

Muhlenbergia schreberi palustris (Scribn.) Scribn.
Rhodora 9: 17. Feb. 1907.

(Given as trinomial with n. comb. after it by Scribn.)
Based on *M. palustris* Scribn.
Man. U. S. as var.

Muhlenbergia schreberi var. *palustris* (Scribn.) Scribn.
in Robinson, Rhodora 10: 65. 1908.

Robinson gives "Scribn. in litt." here, and cites
1907 publ. as n. subsp.

Based on *M. palustris* Scribn.
D.C. Steele in 1896. Man. U. S.

Muhlenbergia solurea (R. Br.) Trin. ex Kunth, Enum. Pl.
1: 218. 1833.

Based on "*Agrostis solurea* Br." [R. Br.]
= *Dichelachne solurea* (R. Br.) Hook.f.
Australia

Muhlenbergia scoparia Vasey, Contr. U. S. Nat. Herb.
1: 283. 1893.

"Collected at Batopilas by Dr. Edward Palmer in 1885,
and at Guadalajara (No. 2350) by C. G. Fringle in
1889." Mexico N. Am. Fl.

Muhlenbergia seatonii Scribn. in Seaton, Proc. Amer.
Acad. 28: 122. 1893.

"Hills near Esperanza, 8,000 ft., August (no. 320)."
[Seaton] Mex. Grass.

Muhlenbergia setarioides Fourn. in Hensl. Biol. Centr.
Amer. Bot. 3: 542. 1885, nom. nud.; Mex. Pl.
2: 84. 1886.

Orizaba (Thomas in herb. Buchinger, F. Müll. n. 2022,
Bott. et Sum. n. 1202, 1279, Bourg. n. 3362....
Schaffn. absque n. in pl. ed. Hohen., 161 in herb.
Franq.): Sierra de Cristobal pr. Eugenio (Schaffn.).
Mexico Mex. Grass.

Muhlenbergia setifolia Vasey, Bot. Gaz. 7: 92. 1882.

"Collected on the Guadalupe Mountains of Western
Texas by Dr. V. Havard, of the U. S. Army."
Man. U. S.

Muhlenbergia setigulum (S. Wats.) Nels. & Macbr. Bot.
Gaz. 61: 30. 1916.

Based on *M. sylvatica* var. *setigulum* S. Wats.
= *Muhl. mexicana* f. *setigulum* (S. Wats.) Fern.
Man. U. S. II.
Nevada

Muhlenbergia setosa (H.B.K.) Kunth, Rev. Gram.
1: 63. 1829.

Based on "*Podosalum setosum* Humb. et Kunth."
[H.B.K.] Mexico
= *Muhl. microsperma* (DC.) Kunth Man. U. S.

Muhlenbergia setosa (Bieler) Trin. ex Jacks. Ind. Kew
2: 269. 1894. Not Kunth 1829.

Based on *Polypogon setosus* Bieler

E. Pennsylvania Muhlenb.

= *M. glomerata* (Willd.) Trin.

Man. U. S.

Muhlenbergia setosa var. *cinnoides* (Link) Fernald,
Rhodora 45: 238. pl. 757; map 2. 1943.

Based on *Dactyloctenium cinnoides* Link

Grown in Berlin, seed from Richardson
Western North America

= *Muhlenbergia glomerata*

Man. U. S. II

Muhlenbergia shepherdii (Vasey) Swallen, Contr. U. S.
Nat. Herb. 29: 204. 1947.

Based on *Sporobolus shepherdii* Vasey

Palmer 9 in 1885.

Mexico

Muhlenbergia sieberiana Trin. ex Hook. f. Handb. N. Zeal.
Fl. 326. 1867, as syn. of *Dichelachne sciurea* Hook.
New Zealand

Muhlenbergia simplex (Spreng.) Kunth, Rev. Gram.
1: 64. 1829.

Based on "*Trichochloa simplex* Schult." this based
on *Polypogon simplex* Spreng.

Australia

Muhlenbergia simplex (Scribn.) Rydb. Bull. Torrey Club
32: 600. 1905. Not Kunth, 1829.

Based on "*Sporobolus simplex* Scribn. 1898."

Colorado

= *M. filiformis*

Man. U. S.

Muhlenbergia sinuosa Swallen, Contr. U. S. Nat. Herb.
29: 204. 1947.

"In the U. S. National Herbarium, No. 234817, collected
on the west side of the San Luis Mountains, Grant
County, N. Mex., September 26, 1893, by Edgar A.
Mearns (No. 2457)."

Man. U. S. II

Muhlenbergia sobolifera (Muhl.) Trin. Gram. Unifl.
189. pl. 5. f. 4. 1824.

Described, name based on *Agrostis sobolifera* Muhl.
name only, Muhl. Amer. Phil. Soc. Trans. 4: 236.
1799.

Pennsylvania

Man. U. S.

Muhlenbergia sobolifera f. *setigera* Scribn. Rhodora
9: 18. 1907.

Based on *M. sobolifera* [ssp.] *setigera* Scribn.

70 J. Reverchon, Texas

= *M. sobolifera* var. *setigera* Scribn.

Man. U. S.

Muhlenbergia speciosa Vasey, Bull. Torrey Club.
13: 231. 1886.

Based on *Bealia speciosa* Beal

"Collected by Dr. Ed. Palmer, in S. W. Chihuahua,
in 1885."

Mex. Grasses, N. Am. Fl.

Muhlenbergia spica venti (L.) Trin. Mém. Acad. St.
Petersb. VI. Sci. Nat. 44: 285. 1841.

"a. *Agrostis spica venti* L."

b. "*interrupta* L." cited.

Based on *Agrostis spica-venti* L.

= *Agrostis spica-venti*

Man. U. S.

Europe

Muhlenbergia spicata (Spreng.) Kunth, Rev. Gram.
1: 64. 1829.

Based on *Polypogon spicatus* Spreng.

= *Gymnopogon spicatus*

Brazil

Muhlenbergia spiciformis Trin. Mém. Acad. St. Petersb.
VI. Sci. Nat. 44: 288. 1841.

"Mexico. (de Karwinsky)."

"Southern Mexico"

N. Am. Fl.

Muhlenbergia sprengelii Trin. Gram. Unifl. 189. 1824.

Based on "*Arundo tenella* Spreng R. et S. II. p. 509."

"V. sp. e nov. Hisp." Mexico

= *M. tenella* (H.B.K.) Trin.

N. Am. Fl.

Muhlenbergia squarrosa (Trin.) Rydb. Bull. Torrey Club
36: 531. 1909.

Based on "*Vilfa squarrosa* Trin."

Man. U. S. N. Amer. Fl.

= *M. richardsonii* (Trin.) Rydb.

Ins. Menzies, Columbia River, Wash.

Muhlenbergia stipoides (H.B.K.) Kunth, Rev. Gram.
1: 64. 1829.

Based on "*Podosaemum stipoides* Humb. et Kunth."
[H.B.K.]

= *Trinichloa stipoides* (H.B.K.) Hitchc.

Ecuador

Andes Grasses, N. Am. Fl.

Muhlenbergia stipoides Trin. ex Steud. Nom. Bot.
2: 165. 1841.

"Q Quito. Mexico. Dr. 21."

"*Agrostis stipoides* Spr. 266, 74."

"*Podosaemum stipoides* H.B.K."

"*Trinichloa stipoides* R.S."

cited by Steud.

In Ind. Kew. 2: 269. 1894 "*Muhlenbergia stipoides*
Trin. Gram. Unifl. 194." 1824. Combination not
made by Trin.

Trinichloa stipoides R. & S. 1817 = *Trinichloa*

stipoides (H.B.K.) Hitchc.

Podosaemum stipoides H.B.K. 1815 =

stipoides (H.B.K.) Hitchc.

Agrostis stipoides (H.B.K.) Spreng. 1825 =

stipoides (H.B.K.) Hitchc.

[Ecuador]

Muhlenbergia straminea Hitchc. Contr. U. S. Nat. Herb.
17: 302. 1913.

Type in the U. S. National Herbarium no. 691888, col-
lected in the western Sierra Madre at Tecovichu,
Chihuahua, in pine and oak woods 2,200 meters altitude,
April 10, 1906, by R. Endlich (no. 1210).

= *M. virescens*

Mexico

Man. U. S.

N. Am. Fl.

Muhlenbergia stricta (Presl) Kunth, Rev. Gram. 1: Suppl.
XVI. 1830; Kunth, Enum. Fl. 1: 202. 1833.

Based on "*Podosaemum strictum* Presl." in both
publications

"Patria?"

Muhlenbergia strictior Scribn. ex Beal, Grasses N. Amer.
2: 263. 1896.

"*M. flavida* var. *strictior* Scribn. ined." cited.

Mex. Fringle 1418

= Muhl. *flavida* var. *strictior*

Mex. Gr.

N. Am. Fl.

Muhlenbergia subalpina Vasey, Desor. Cat. Grasses U.S.
40. 1885.

Based on Muhl. *gracilis* var. *breviaristata* Vasey

= Muhl. *montana*

Man. U. S.

Muhlenbergia subaristata Swallen, Journ. Washington
Acad. Sci. 26: 208. 1936.

"Type in the U. S. National Herbarium no. 18572 col-
lected along river, above Arroyo de Agua, El Salto,
Sierra Madre Occidental, alt. 2600-2650 m, Durango,
Mexico, Sept. 1, 1934, by Francis W. Pennell
(no. 18572)."

Muhlenbergia subbiflora Hitchc. N. Amer. Fl. 17: 437.
1935.

"Type collected on rich moist soil in garden, city of
Durango, Mexico, Nov. 1896, Palmer 948 (U. S. Nat.
Herb. No. 995434)."

2-fl. spikelets
Muhlenbergia ligulata (Fourn.) Scribn. & Merr. Bull.
U. S. Dept. Agr. Div. Agro. 24: 19. 1901 was
based on *Chablossea ligulata* Fourn. but misapplied
to Palmer 731 and 948.

Muhlenbergia subtilis Nees, Linnaea 19: 689. 1847.

"Mexico. Aschenb. exs. n. 206."

= *M. repens*

Man. U. S.

Muhlenbergia sylvatica (Torr.) Torr. ex Gray, N. Amer.
Gram. & Cyp. 1: 13. 1834.

Based on *Agrostis sylvatica* Torr.

New Jersey

Man. U. S.

Muhlenbergia sylvatica f. *attenuata* (Scribn.) Palmer &
Steyermark, Ann. Missouri Bot. Gard. 22: 467. 1935.

Based on Muhl. *umbrosa* f. *attenuata* Scribn.

Man. U. S. II

Aurora Co. S.D. (25 E. N. Wilcox)

Muhlenbergia sylvatica [var.] *californica* Vasey, Bot.
Gaz. 7: 93. 1882.

"Collected on the San Bernardino Mts., California,
by Mr. S. B. Parish." [1076]

California

= *M. californica* Vasey

Man. U. S.

Muhlenbergia sylvatica var. *flexuosa* Vasey in Wheeler,
Rep. U. S. Surv. W. 100th Merid. 6: 284. 1878.

"731 C. Wright, New Mexico".... "Camp Crittenden,
Southern Arizona, 1874 (681)" [Boothook]

= *M. monticola* Buokl.

Man. U. S.

Muhlenbergia sylvatica var. *gracilis* Scribn. Trans.
Kans. Acad. 9: 116. 1886.

"(Topeka, E. A. Popence)..."

Kansas

= Muhl. *sylvatica* Torr.

Man. U. S.

Muhlenbergia sylvatica var. *pringlei* Scribn. Bull.

Torrey Club 9: 89. 1882. published 11

"Dry cliffs, Santa Rita Mts.; alt. 7,000 feet, July (480)." Pringle, Coll.

N. Mex.

= *M. pauciflora*

Man. U. S.

Muhlenbergia sylvatica var. *robusta* Fernald, Rhodora

45: 236. 1943.

"Maine:.... Sydney, August 18, 1916, Fernald & Long, no. 12,597 (Type in Herb. Gray)."

Man. U. S. II

Muhlenbergia sylvatica var. *setarioides* (Fourn.) Beal,

Grasses N. Amer. 2: 249. 1896.

Based on "*M. setarioides* Fourn."

Orizaba, Mex.

N. Am. Fl.

Muhlenbergia sylvatica var. (?) *setigulum* S. Wats.

in King, U. S. Geol. Expl. 40th Par. 5: 378. 1871.

"Near warm springs in Humboldt Pass, Nevada; 6,000 feet altitude; September. (1, 288.)."

Nevada [Watson]

= Muhl. mexicana f. *setigulum* (S. Wats.) Scribn.

Man. U. S.

Muhlenbergia sylvatica var. ? *vulpina* Wood, Amer. Bot.

& Flor. Pt. 2. 386. 1871.

"N. Y. H.B. Lord."

Unidentified

Man. U. S. II.

Muhlenbergia tenella (H.B.K.) Trin. Gram. Unifl. 192.

1824. [as new Rupr. Bull. Acad. Brux. 9: 230. 1842.

based on *Podosaemum tenellum* H.B.K.]

Based on "*Trichochloa tenella* R. & S. II p. 385." that based on "*Podosaemum tenellum* Humb. et Bonpl." [H.B.K.]

"Prov. Jalapensis" = Jalapa

Mexico

Mex. Grass.; N. Am. Fl.

Muhlenbergia tenuicula Ohwi, Bull. Tokyo Sci. Mus.

no. 18: 9. 1947.

Cites: "*Muhlenbergia Huegelii* (vix Trin.) Backer, Fl. v. Java, 2 (1928) 201."

"Java (Kiangplateau in Besoeki, Backer et Jeswiet 9799, in Herb. Bogor.)"

Compared with *M. Huegelii*

Muhlenbergia tenuiflora (Willd.) B.S.P. Prel. Cat.

N. Y. 67. 1888.

Based on *Agrostis tenuiflora* Willd.

N. Amer.

Man. U. S.

Muhlenbergia tenuiflora pauciflora (Pursh) Scribn. Mem.

Torrey Club 5: 37. 1894.

Based on "*Agrostis pauciflora* Pursh" [This is given under Unidentified Names in Man. U. S.]

Man. II.

So. U. S. -- Va.; Car.

Muhlenbergia tenuiflora ssp. *variabilis* Scribn.

Rhodora 9: 18. Feb. 1907.

Type 654a Biltmore Herbarium

Type 100. Chimney Mountain, Rutherford, N. C.

Type in Nat. Herb.

= *M. tenuiflora*

Man. U. S.

Muhlenbergia ? tenuifolia (H.B.K.) Kunth, Rev. Gram.

1: 63. 1829.

Based on "*Calamagrostis tenuifolia* Humb. et Kunth." H.B.K.

Mexico

N. Am. Fl.

Muhlenbergia tenuis (H.B.K.) Trin. & Rupr. Mem. Acad.

St. Pétersb. VI. Sci. Nat. 5(1): 183. 1842.

Based on "*Aristida tenuis* Kunth" which is based on *Streptachne tenuis* Humb. & Kunth [H.B.K.]

Bordones & Cumana, Venez.

Muhlenbergia tenuis Haack. ex Nakai, Fl. Saishu & Kwan

Islands (Quelpaert) 1914. Not Trin. & Rupr. 1842.

nom. nud.

no. 211. in list of Gramineae

Korea

Muhlenbergia tenuissima (Presl) Kunth, Rev. Gram.

1: Suppl. XVI. 1830.

Based on "*Podosaemum tenuissimum* Presl" [Syn. *M. nebulosa* Scribn.]

Hitcho. N. Am. Fl.

Swallen, Grass. Panama

Mexico

Muhlenbergia texana Buokl. Proc. Acad. Phila.

1862: 91. 1862.

"Northern Texas." [Buckley]

Man. U. S.

Muhlenbergia texana Thurb. ex Port. & Coult. Syn. Fl.

Colo. 144. 1874. Not Buokl., 1862.

"Texas, Bigelow; Parry; Wright 734...."

= Muhl. porteri Scribn. ex Beal

Man. U. S.

Texas

Muhlenbergia thurberi Rydb. Bull. Torrey Club 32: 601.

1905.

Based on *Sporobolus filiculmis* Vasey ex Beal

Copied from Man.: "*Vilfa filiculmis* Thurb., also cited is a name only, and no reference is made to *Sporobolus thurberi* Scribn."

N. Mex.

Man. U. S.

Muhlenbergia torreyana (Schult.) Hitcho. Amer. Journ.

Bot. 21: 136. 1934.

Based on *Agrostis torreyana* Schult.

[New Jersey]

Man. U. S.

Muhlenbergia Torreyi (Kunth) Hitcho. ex Bush, Amer.

Midl. Nat. 6: 84. 1919.

"Hitcho. ined." Prof. Hitcho. never intended to make this, but acc. to Internat. Rules he had to take it up.

Based on *Agrostis Torreyi* Kunth,

N. Amer.

Man. U. S.

Muhlenbergia trichodes Steud. Syn. Fl. Glum. 1: 177.

1854.

T. "Guadalupe, Duhaessing" in Steud. script. but published locality is "Amer. Austr." -- not W.).

"Am. austr."

= *M. tenuifolia* fide Swallen

Muhlenbergia trichopodes (Ell.) Chapm. Fl. South. U. S.

553. 1860.

Based on "*Agrostis trichopodes* Ell."

= *M. expansa*

Man. U. S.

Georgia

Muhlenbergia trifida Haack. Repert. Sp. Nov. Fedde

8: 518. 1910.

"Mexico: Michoacan leg. Fr. Arceño no. 3217."

= Muhl. montana

Man. U. S.

Muhlenbergia trinitii Fourn. ex Hemsl. Biol. Centr. Amer.

Bot. 3: 543. 1885; Mex. Fl. Gram. 84. 1886.

Based on "*Muhlenbergia diversigulum* Trin."

Mexico.

Botteri, 1273 and 1278.

= *M. diversigulum* Trin.

Grasses Centr. Amer.

N. Am. Fl.

Muhlenbergia umbrosa Scribn. Rhodora 9: 20. Feb. 1907.

Based on *Agrostis sylvatica* Torr. 1824

New Jersey

= Muhl. sylvatica (Torr.) Torr.

Man. U. S.

Muhlenbergia umbrosa ssp. *attenuata* Scribn. Rhodora

9: 41. Feb. 1907.

No. 25 E. N. Wilcox

Aurora Co. S. Dak.

type

= Muhl. sylvatica f. *attenuata* (Scribn.) Palmer & Steyermark. 1935

Man. U. S.

Muhlenbergia umbrosa f. *attenuata* (Scribn.) Deam, Ind.

Dept. Cons. Publ. 82: 171. 1929.

Based on *M. umbrosa* subsp. *attenuata* Scribn.

No. 25 E. N. Wilcox, Aurora Co. S. Dak.

= *Muhlenbergia sylvatica* f. *attenuata* Man. U.S.

Muhlenbergia uniflora (Muhl.) Fernald, Rhodora

29: 10. 1927.

Based on *Poa ? uniflora* Muhl.

New England, New Jersey

Man. U. S.

Muhlenbergia uniflora var. *terras-novae* Fernald,

Rhodora 29: 11. 1927.

"Newfoundland... moss and silicious rocks along rill, slope of South Hill, St. John's Aug. 14, 1924, Fernald, Long & Dunbar, no. 26,244. (Type in Gray Herb.)."

= Muhl. uniflora

Man. U. S.

Muhlenbergia utilis (Torr.) Hitcho. Journ. Washington

Acad. Sci. 23: 453. 1933.

Based on *Vilfa utilis* Torr.

Tejon Pass and Lost Hills

California

Man. U. S.

Muhlenbergia vaginata Swallen, Contr. U. S. Nat. Herb.

29: 406. 1950.

Type in the Chicago Natural History Museum, No. 104664, collected in spring-fed meadow along quebrada, 4 kilometers from San Sebastian, northwest of San Marcos, Department of San Marcos, Guatemala, February 15, 1940, by Julian A. Steyermark (No. 35598)

Muhlenbergia vaseyana Scribn. Rep. Missouri Bot. Gard.

10: 52. 1899.

Based on *M. distichophylla* as described by Vasey (Wheeler, Rept. U. S. Survey 100th Merid. 6: 283. 1878, Arizona, Rothrock 283, type).

= *M. emersleyi* Vasey

Man. U. S.

Muhlenbergia venezuelae Lucas, Bol. Soc. Venez. Cienc.
Nat. 15: 14. f. 9. 1953.

"El tipo-----en el Herbario del Instituto Botánico del Ministerio de Agricultura y Cria, coleccionado en el Páramo de Misintá, Muchuchies, Edo Merida, por Z. Lucas No. 281, el 27 de noviembre de 1943."

Venezuela

Muhlenbergia versicolor Swallen, Contr. U. S. Nat. Herb.
29: 412. 1950.

Type in the U. S. National Herbarium, No. 1961991, collected about 170 kilometers north of Oaxaca, Oaxaca, Mexico, December 13, 1945, by E. Hernandez X. and J. A. Jenkins (No. X-810).

Muhlenbergia villiflora Hitchc. N. Amer. Fl. 17: 470.
1935.

Based on *Vilfa pubescens* Fourn. Not *Muhlenbergia pubescens* (H.B.K.) Hitchc.

Cañon de las Minas and Victoria, inter Michiguana et Tanquecillos (Karw. n. 1012)

Mexico N. Am. Fl.

Muhlenbergia villosa Swallen, Journ. Washington Acad.
Sci. 31: 350. f. 2. 1941.

"Type in the U. S. National Herbarium, no. 1386596, collected 15 miles south of Stanton, Tex., July 11, 1928, by B. C. Tharp (no. 5048)."

aff. *M. villiflora* Hitchc.

Muhlenbergia virescens (H.B.K.) Kunth, Rév. Gram.
1: 64. 1829.

Based on "*Podosaceum virescens* Humb. et Kunth."

Mexico

Man. U. S.

Muhlenbergia viridissima Nees ex Steud. Syn. Fl. Glum.
1: 178. 1854.

"Boyle Hrb. nr. 271. Ind. or."

Muhlenbergia Wallisii Mez, Repert. Sp. Nov. Pedde
17: 214. 1921.

"Columbia, Sierra Nevada de Sta. Martha (Wallis)."
(T. U.S.)

Muhlenbergia Watsoniana Hitchc. N. Amer. Fl.
17: 471. 1935.

Based on *M. scabra* S. Wats. Not *M. scabra* Trin. & Rupr.

San Luis Potosi, (1067 Schaffner)

Mexico

Muhlenbergia Willdenowii Trin. Gram. Unifl. 188. pl. 5.
f. 3. 1824.

Based on *Agrostis tenuiflora* Willd.

= *Muhl. tenuiflora* (Willd.) B.S.P. Man. U. S.

Muhlenbergia wolfii (Vasey) Rydb. Bull. Torrey Club
32: 600. 1905.

Based on "*Sporobolus wolfii* Vas."

Twin Lakes, Colo. Wolf 1077. Man. U. S. II

[referred to *Sporob. ramulosus* (H.B.K.) Kunth in Man. ed. 1. That is *Muhlenbergia ramulosus* (H.B.K.) Swallen, known only from Mex. & Cent. Am.

Muhlenbergia wrightii Vasey in Coult. Man. Rocky Mount.
409. 1885.

"Colorado and New Mexico." [type Wright 1986].

Man. U. S.

Muhlenbergia wrightii var. *annulata* Vasey, Deser. Cat.
Grasses U. S. 41. 1885, without descr.

[Arizona, Lemmon 3179]

= *M. wrightii* Man. U. S.

Muhlenbergia xerophila C. O. Goodding, Journ. Washington
Acad. Sci. 30: 19. 1940.

"L. N. Goodding M 262, collected in Sycamore Canyon, Ariz., September 22, 1937. The type specimen is deposited in the Soil Conservation Service Herbarium at Tucson, Ariz., with duplicate types in the Rocky Mountain Herbarium, Laramie, Wyo., and in the U. S. National Herbarium."

Man. U. S. II.

Munroa andina Phil. Anal. Mus. Nac. Chile 2nd sect.
Bot. 8: 90. 1891.

"Ad Paroma 3800 m.s.m. lecta." [Philippi Tarapaca.]
Chile

Basis of *Hemimunroa andina* (Phil.) Parodi

Munroa andina var. *brevisetia* Hack. Ann. Cons. Jard.
Geneve 17: 294. 1914.

Argentina

"Stuckert n. 22443 ex Lillo n. 9645 (9. IV. 1909).
Jujuy, Estación 3 Cruces. F. C. & Bol."

Basis of *Hemimunroa andina* var. *brevisetia* (Hack.)
Parodi.

Munroa argentina Griseb. Goett. Abb. 24: 300. 1879.

"C" = Cordoba und Santiago del Estero.

"C. : Laguna de Pocho, Minas. Ct.: pr. Atajo."

Argentina

= *Elepharidaohne*

Munroa benthamiana Hack. in Kurtz, Rev. Mus. La Plata
5: 303. 1893, without description. (See next card)

"Hackel in litt., Benth in Bth. et Hook." refers to note on specimen named "*M. mendocina*" by Griseb. from Cordoba. Later described as *M. argentina* Griseb.

= *Elepharidaohne benthamiana* (Hack.) Hitchc.

Munroa benthamiana Hack. ex Kuntze Rev. Gen. Pl.
33: 357. 1898. See same in Kurtz, 1893.

"(*M. mendocina* err. Griseb. Non Phil. a Bentham in BHGP. III: 1180 descripta)

Argentina: Cordoba (F. Kurtz; Hieronymus)."

Basis of *B. benthamiana* (Hack.) Hitchc.

Munroa decumbens Phil. Anal. Mus. Nac. Chile. 2nd sect.
Bot. 8: 90. 1891.

Chile

"Prope Calcolhuay lecta." [Philippi, Tarapaca]

Munroa mendocina Phil. Anal. Univ. Chile 36: 210. 1870.

"Mendoza" [Philippi] Chile

Munroa multiflora Phil. Anal. Mus. Nac. Chile 2nd sect.
Bot. 8: 90. 1891.

Chile

"Pariter ad Calcolhuay lecta." [Philippi, Tarapaca]

Monroa squarrosa (Nutt.) Torr. U. S. Expl. Miss. Pacif.
Rpt. 4⁵: 158. 1857.

Based on *Crypsis squarrosa* Nutt.

Grand detour of the Missouri River [S. Dak.] Nuttall.

= *Munroa*

Munroa squarrosa var. *floccuosa* Vasey ex Beal, Grasses
N. A. 2: 456. 1896.

Arizona [Peach Springs] Jones

[white floccose covering is remains of egg cases of aphid]

Mustelia arundinacea Cav. ex Steud. Nom. Bot. ed. II.
1: 361, 1840; 2: 168. 1841; as syn. of *Chusquea scandens* Kunth.

Steud. {Cav. ined. (ex Trin. mss.)" p. 361. Nom.
Bot. ed. 2. 1: 361.
Nom. Bot. {*Mustelia* Cavan. ...*arundinacea* Cav. *Chus-*
quea scandens" Nom. Bot. ed. 2. 2:168.

Chile, Nees et Dombey

Mygalurus alopecuroides (Schousb.) Link, Enum. Hort.
Berol 1: 92. 1821.

Based on "*Festuca alopecuroides* Schousb."

"----in arena mobili prope Tingidem. culta in H. b. Hafn." [from Morocco, Africa]

Mygalurus bromoides (L.) Link, Enum. Hort. Berol.
1: 92. 1821.

Based on *Festuca bromoides* L.

"in Anglia, Gallia"

Mygalurus caudatus Link, Enum. 1: 92. 1821.

Based on *Festuca myuros* Lam. (error for Linn.)

= " " " L.
"Anglia, Italia"

Mygalurus deltoatus (Lag.) Link, Enum. Hort. Berol.
1: 92. 1821.

Based on *Festuca deltoatula* Lagaso.

"al lugar de Guadarrama---Julio 1803---"
Spain

Mygalurus geniculatus Link, Enum. Hort. Berol. 1: 92.
1821.

Based on *Bromus geniculatus* L.

Lusitania

Mygalurus uniglumis Link, Enum. Hort. Berol. 1: 92.
1821.

Based on "*Festuca uniglumis* Smith, W.E.S.6.R.S.
2.728---Europa media"

Myriachaeta arundinacea Zoll. & Mor. in Moritz, Syst.
Verz. Zoll. 101. 1845-46.

"Crescit ad flum. Tjapus. Floret Novembri (1843)."
Java No. 1169.

= *Thysanolaena agrostis*

Myriachaeta glauca Mor. Syst. Verz. Zoll. 101. 1846;
ex Steud. Syn. Fl. Glum. 1: 404. 1854.

"(ex Hrbo. Zolling. nr. 1769).""...Ins. Sumbura."
Malaya

Myrioladus affinis Swallen, Mem. N.Y. Bot. Gard.

9: 244, f. 3f. 1957.

Type: occasional about thickets, borders of woodlands, and rocky elevations, Cumbre Camp, alt. 1800 m, Cerro Guaiquinima, Río Paragua, Bolívar, Venezuela, Dec. 28, 1951, Bassett Maguire 32792; U.S. National Herbarium no. 2,078,760.

Myrioladus cardonae Swallen, Fieldiana 28: 35. 1951.

Type in U. S. Nat. Herb., nos. 1914812-4, collected on Cumbre del Cerro Acopan, Caroni, Guayana, alt. 2150 m., Oct. 1947, Felix Cardona 2307.

Venezuela

Myrioladus confertus Swallen, Mem. N.Y. Bot. Gard.

9: 397 (9: 248, f. 4a) 1957.

Type: west side of Middle Falls of Río Tirica below Summit Camp, alt. 1760 m, Chimantá Massif, Torontotepui (Bolívar, Venezuela, March 1, 1955, Julian Steyermark & John J. Wurdack 1220 (U.S. 2,182,098).

Myrioladus distantiflorus Swallen, Mem. N.Y. Bot.

Gard. 9: 248, f. 4d. 1957.

Type: Cumbre of Cerro Apacará, Río Caroni, alt. 2300m, Chimantá Massif, Bolívar, Venezuela, Nov. 11, 1946, Cardona 1972.

Myrioladus exsertus Swallen, Mem. N.Y. Bot. Gard.

9: 242, f. 3a. 1957.

Type: occasional, Summit Camp to Southwest Escarpment, alt. 1850 m, Cerro Huachamacari, Río Cunucunuma, Terr. Amazonas, Venezuela, December 17, 1950, Bassett Maguire, R. S. Cowan, & John J. Wurdack 30295; U.S. National Herbarium no. 2040226.

Myrioladus gracilis Swallen, Mem. N.Y. Bot. Gard.

9: 393, f. 74. 1957.

Type: locally frequent, island in Río Tirica above Middle Falls below Summit Camp, alt. 1925 m, Central Station, Chimantá Massif, Bolívar, Venezuela, Feb. 5, 1955, Julian A. Steyermark & John J. Wurdack 489 (U.S. 2,182,094).

Myrioladus grandifolius Swallen, Mem. N.Y. Bot. Gard.

9: 245, f. 3h. 1957.

Type: infrequent, thickets bordering stream, Lower Canó Negro, Cerro Sipapo (Paráque), Terr. Amazonas, Venezuela, January 1, 1949, Bassett Maguire & Louis Politi 28101; U.S. National Herbarium Nos. 2,040,184 and 2,040,185.

Myrioladus longiramosus Swallen, Mem. N.Y. Bot. Gard.

9: 243, f. 3e. 1957.

Type: occasional in thickets and on rocky elevations 1 km. south of Cumbre Camp, alt. 1800 m, Cerro Guaiquinima, Río Paragua, Bolívar, Venezuela, Dec. 29, 1951, Bassett Maguire 32822; U.S. National Herbarium no. 2,078,761.

Myrioladus neblinaensis Swallen, Mem. N.Y. Bot. Gard.

9: 240, f. 1. 1957.

Type: occasional along escarpment overlooking Cano Grande, below Cumbre Camp, alt. 1650 m, Cerro de la Neblina, Río Yatua, Terr. Amazonas, Venezuela, January 10, 1954, Bassett Maguire, John J. Wurdack, & George S. Bunting 37208; U.S. National Herbarium nos. 2,182,104 and 2,182,105. Other specimens from Cerro de la Neblina: frequent in west escarpment savanna, 4-8 km. southwest of Cumbre Camp, alt. 1850-1900 m., Bassett Maguire, John J. Wurdack & George S. Bunting 37317; ... 7 km. north of Cumbre Camp, alt. 1800 m, Bassett Maguire, John J. Wurdack & George S. Bunting 37240; --- 5 km. west of Cumbre Camp --- Bassett Maguire, John J. Wurdack & George S. Bunting 37135.

Myrioladus paludiculus Swallen, Mem. N.Y. Bot. Gard.

9: 246, f. 4b. 1957.

Type: locally frequent on open headland, 7 km. north of Cumbre Camp, alt. 1900 m, Cerro de Neblina, Río Yatua, Terr. Amazonas, Venezuela, Jan. 10, 1954, Bassett Maguire, John J. Wurdack & George S. Bunting 37200; U.S. National Herbarium nos. 2,182,101 and 2,182,102.

Myrioladus paraquensis Swallen, Mem. N.Y. Bot. Gard.

9: 246, f. 3i, j. 1957.

Type: common, cliffs above Savanna Camp, Cerro Sipapo (Paráque), Terr. Amazonas, Venezuela, Jan. 17, 1949, Bassett Maguire & Louis Politi 28395; U.S. National Herbarium nos. 2,040,181, - 2,040,182 and 2,040,183.

Myrioladus paruensis Swallen, Mem. N.Y. Bot. Gard.

9: 244, f. 3g. 1957.

Type: West Rim north of Camp Caffo, elev. 2000 m, Serranía Parí, Río Parí, Caño Asisa, Río Ventuari, Terr. Amazonas, Venezuela, Jan. 31, 1951, R. S. Cowan & John J. Wurdack 31076; U.S. National Herbarium nos. 2,040,247 and 2,040,248.

Myrioladus purpureus Swallen, Mem. N.Y. Bot. Gard.

9: 397 (9: 248, f. 4a) 1957.

Type: summit, at edge of escarpment in and among zanjones, alt. 2165-2180 m, Chimantá Massif, Torontotepui, Bolívar, Venezuela, February 9, 1955, Julian A. Steyermark & John J. Wurdack 658 (U.S. 2,182,096).

Myrioladus simplex Swallen, Mem. N.Y. Bot. Gard.

9: 242, f. 2. 1957.

Type: frequent along stream bank, right branch of Caño Yutaje, alt. 1300 m, Serranía Yutaje, Río Manapiare, Terr. Amazonas, Venezuela, Feb. 9, 1953, Bassett Maguire & Celia Maguire 35134; U.S. National Herbarium no. 2,116,105.

Myrioladus steyermarkii Swallen, Mem. N.Y. Bot. Gard.

9: 395. 1957.

Type: frequent, rocky escarpment between west and east branches of Río Tirica, alt. 2260 m, Central Station, Chimantá Massif, Bolívar, Venezuela, February 13, 1955, Julian A. Steyermark & John J. Wurdack 819 (U.S. 2,182,095).

Myrioladus variabilis Swallen, Mem. N.Y. Bot. Gard.

9: 396 (9: 248, f. 4a) 1957.

Type: in recesses of deep fissures, in moist ground with shrubs and small trees, east-central portion of summit of Apácará-tepui, alt. 2450-2500 m, Chimantá Massif, Bolívar, Venezuela, June 21-22, 1953, Julian A. Steyermark 75879 (U.S. 2,182,908).

Myrioladus virgatus Swallen, Fieldiana 28: 34, f. 4.

1951.

Type in herb. Chi. Nat. Hist. Mus., no. 1189825, collected on summit of Cerro Duida, Savanna Hills, Territorio Federal Amazonas, alt. 1025-1200 m., Sept. 2, 1944, Julian A. Steyermark 58293.

Venezuela

Myrioladus wurdackii Swallen, Mem. N.Y. Bot. Gard.

398 (9: 248, f. 4f.) 1957.

Type: locally frequent in lower part of lower cumbre, alt. 2100-2200 m, northwest cumbres, Churi-tepui (Muru-tepui), Bolívar, Venezuela, January 24, 1953, John J. Wurdack 34194 (U.S. 2,116,114).

Myriostachya longispicula (Hook.f.) Senaratna, Grasses

Ceylon 66. 1956.

M. wightiana var. *longispicula* Hook.f.

"Penang, Curtis. Ceylon; at Kottiyar, Trimen."

Myriostachya wightiana (Nees) Hook. Fl. Brit. Ind.

7: 327. 1896.

Based on *Eragrostis wightiana* Benth.; that on *Leptochloa wightiana* Nees ex Steud.

India

Myriostachya wightiana var. *longispicula* Hook. Fl.

Brit. Ind. 7: 328. 1896.

"Penang, Curtis. Ceylon; at Kottiyar, Trimen."

Nabelekia tauricola (Nabel.) Roshev. Bot. Inst. Acad.

Sci. U.S.S.R. 254. 1937. Roshev. Grasses, introd. to study fodder and grain grasses. 1937.

Based on *Anatherum tauricolum* Nabel.

"Tauro Armenia in Kurdist. Turc. districtu Hakkiari"

Turkish Kurdistan in mts. of Armenia Taurus.

Narduretia cynosuroides (Desf.) Huguet d. Villar, Bull.

Soc. Hist. Nat. Afr. Nord 16: 101. 1925.

Based on *Festuca cynosuroides* Desf.

No. Africa

Narduretia cynosuroides var. *gypsacea* (Willk.) Huguet

d. Villar, Bull. Soc. Hist. Nat. Afr. Nord. 16: 102. 1925.

Based on *Vulpia delicatula* β *gypsacea* Willk.

Spain

Narduretia cynosuroides var. *marisana* Huguet d. Villar,

Bull. Soc. Hist. Nat. Afr. Nord 16: 102. 1925.

Fide Maire, Fl. Afr. du Nord p. 217.

Morocco

Narduretia delicatula (Lag.) Huguet d. Villar, Bull.

Soc. Hist. Nat. Afr. Nord 16: 102. 1925.

Based on *Festuca delicatula* Lag.

[no locality cited under this species, but probably collected by Lagasca "al lugar de Guadarrama--13 Julio de 1803, y segundo del viaje---a las montañas de Leon y Principado de Asturias"

Spain

Narduretia delicatula var. *intermedia* Huguet d. Villar,

Bull. Soc. Hist. Nat. Afr. Nord 16: 102. 1925.

Based on "Loc. Puerto de Guadarrama-Coll. Cutanda. Don. Cutanda."

Spain

Narduretia delicatula var. *stricta* Huguet d. Villar,

Bull. Soc. Hist. Nat. Afr. Nord 16: 102. 1925.

"In montibus Carpentanis: Puerto de Guadarrama (Cutanda) v. infra, inter San-Raphael et El Spinar, ab uxore mea 13-VI-24 mihi lecta. etc."

Spain

Narduretia delicatula var. *violacei* Huguet d. Villar,

Bull. Soc. Hist. Nat. Afr. Nord 16: 102. 1925.

"Fr. Calatayud (Aragonia), ad vias a B. Violaceo lecta (Speciminibus in Mus. So. Nat. Barcinonae)."

Spain

Narduretia gypsacea (Willk.) Huguet d. Villar, Bull. Soc.

Hist. Nat. Afr. Nord 16: 101. 1925.

Based on *Vulpia delicatula* var. *gypsacea* Willk.

Narduretia gypsacea var. *pubescens* Huguet d. Villar,

Bull. Soc. Hist. Nat. Afr. Nord 16: 102. 1925.

"in gypsaceis Hispaniae centralis crescent."

Spain

Narduretia gypsacea var. *subglabra* Huguet & Villar,
Bull. Soc. Hist. Nat. Afr. Nord 16: 102. 1925.

"in gypsaceis Hispaniae centralis crescent."
Spain

Narduroides salzmanni (Boiss.) Rouy, Fl. France
14: 301. 1913.

Based on *Nardurus salzmanni* Boiss.
Spain

Nardurus cynosuroides (Desf.) Trab. in Batt. & Trab.
Fl. de l'Alger. Monoc. 234. 1895.

Based on *Festuca cynosuroides* Desf.
Algeria

Nardurus cynosuroides var. *mariesana* (Huguet & Villar)
Maire, Fl. Afr. du Nord 3: 216. 1955.

Based on *Narduretia cynosuroides* var. *maiesana*
Huguet & Villar.
Morocco

Nardurus cynosuroides var. *pubescens* (Maire) Maire,
Fl. Afr. du Nord 3: 217. 1955.

Based on *Festuca cynosuroides* var. *pubescens* Maire
Morocco

Nardurus demnatisensis (Murb.) Maire in Jah. & Maire,
Cat. Fl. Maroc. 1: 78. 1931.

Based on *Festuca demnatisensis* Murb.
Morocco

This basis also of *Catapodium demnatisensis* (Murb.)
Maire & Weiller.

Nardurus filiformis var. *chinensis* Franchet, Fl. David
ex Sinarum 1: 339. 1883.

(Nouv. Arch. Mus. Hist. Nat. Paris II, 7: 149. 1884)

Chine septentrionale: Ipéhoachan et Sang-Yu,....
No. 2065 [A. David, Coll.]

Nardurus gandogerii var. *Oredilla*, Act. Soc. Esp. Hist.
Nat. 29: 146. 1900.

"Habitat Matriti Cerro negro."

Basis of *N. tenellus* var. *gredillae* Gandog. ex Oredilla.
Spain

Nardurus ? halleri (Viv.) Reichenb., Agrost. Germ. 34.
f. 276. 1850.

same comb. Fiori, Fl. Anal. Ital. 1: 96. 1896, same
basis.

Based on *Tritium halleri* Viv.

Nardurus hispanicus Reichenb., Agrost. Germ. 34. f. 276b.
1850.

Based on *Tritium hispanicum* Willd.
Spain

Nardurus Krausei (Regel) Krecz & Bobr. in Komarov, Fl.
U.R.S.S. 2: 540. 1934.

Based on *Festuca Krausei* Regel.
Central Asia

Nardurus laohenalii (Spenn) Godr. Fl. Lorr. 3: 187.
1844.

Based on "*Festuca laohenalii* Spenn."
Germany

Nardurus Lachenalii var. *aristatus* Boiss. in Merino Fl.
Desor. Illustr. Galicia 3: 405. 1909.

Spain

Nardurus Lachenalii var. *Hallerii* (Viv.) Arcang. Comp.
Fl. Ital. 800. 1882.

Based on *Tritium Hallerii* Viv.
Europe

Nardurus Lachenalii var. *hispanicum* (Viv.) Arcang.
Comp. Fl. Ital. 800. 1882.

Spain

Nardurus laohenalii var. *ramosus* Ducommun, Taschenb.
Schweiz. Bot. 897. 1869.

"(*Tritium Festuca* DG., *Trit. Poa* β Daby, *Trit.*
Hallerii β G." cited.
[Switzerland])

Nardurus mamoraensis Maire, Bull. Soc. Hist. Nat. Afr.
Nord 28: 386. pl. 40. 1937.

"Hab. in Silva Mamora Imperii Marocani occidentalis,
solo arenoso"

Morocco

Nardurus maritimus (L.) Murb. Act. Univ. Lund. Afd. 2.
364: 25. 1900.

[same as *Acta Reg. Soc. Physiogr. Lund* 11]

Same comb. made by Janoh. ex Hayek, Repert. Sp. Nov.
Fedde Beih. 304: 294. 1932.

"*Festuca*...L." Based on *Festuca maritima* L.
Spain

Nardurus maritimus var. *aristatus* (Koch) Maire in
Jahan. & Maire, Cat. Maroc. 78. 1931.

subv. *glabriglumis* Maire in Jahan. & Maire, Cat.
Maroc. 942. 1941.
subv. *villosus* Maire, Bull. Soc. Hist. Nat. Afr.
Nord. 1935.

"*N. maritimus* v. *hispanicus* (Reichb.) Fiori f. *pilosus*
Lindberg, It. Medit. 20. 1932. non Maire in Jahan.
& Maire, Cat. Maroc. 942, pro subv. 1941.

Nardurus maritimus var. *aristatus* (Koch) Hayek, Repert.
Sp. Nov. Fedde Beih. 304: 295. 1932.

Based on *Festuca tenuiflora* var. *aristata* Koch
Europe

See (Koch) Maire 1931.

Nardurus maritimus var. *aristatus* subv. *glaber* Maire,
n. nom. Cat. Plantes du Maroc 4: 942. 1941.

"Type de la variété-----"
Morocco

Nardurus maritimus var. *aristatus* subv. *glabriglumis*
Maire, n. nom. Cat. Plantes du Maroc 4: 942. 1941.

Morocco

Nardurus maritimus var. *biuncialis* (Vis.) Rothm. & P.
Silva, Agron. Lusit. 1: 247. 1939.

Based on *Tritium biunciale* VIII., this based on
Aegilops biuncialis Visiani
Dalmatia

Nardurus maritimus var. *genuinus* (Godr.) Maire in
Jahan. & Maire, Cat. Maroc. 78. 1931.

Based on "*N. tenellus* Robb. var. *genuinus* Godr. in
Fl. France 3: 616. 1856.

subv. *glaber* Maire in Jahan. & Maire, Cat. Maroc.
942. 1941.
subv. *hispidulus* Maire [= subv. *pilosus* Maire in
Jahan. & Maire, Cat. Maroc. 942. 1941.

Nardurus maritimus var. *hispanicus* (Willd.) Fiori, Nuov.
Fl. Anal. Ital. 1: 143. 1923.

Based on *Tritium hispanicum* Willd.
Spain

Nardurus maritimus var. *trabutii* Maire, Bull. Soc. Hist.
Nat. Afr. Nord. 1942.

N. montanus Trabut in Batt. & Trab. Fl. Alger. Mon.
234. 1895 cited.

Nardurus maritimus var. *trabutii* subv. *dasyanthus*
Maire, Bull. Soc. Hist. Nat. Afr. Nord. 1942.

Nardurus maritimus var. *trabutii* subv. *leianthus* Maire,
Bull. Soc. Hist. Nat. Afr. Nord. 1942.

Nardurus maritimus var. *unilateralis* (L.) Fiori, Nuov.
Fl. Anal. Ital. 1: 143. 1923.

"*Tritium* L. ? β *unilateralis* Boiss." this based
on *Festuca unilateralis* L. [error for (L.) Schrad.
based on *Tritium unilaterale* L.
Italy, France

Nardurus montanus Boiss. & Reut. Pugill. Fl. Nov. 129.
1852.

"Hab. in regione superiori montium Cerro de San
Cristoval et Sierra de la Nieve in lapidosis (Maio
1851. Boiss. et Reut.)"

Nardurus Morisonii Lojac. Fl. Sioul. 3: 385. pl. 4.
f. 6. 1909.

"Gramen liliaceum minus spicis tenuissimis Moris.
Hist. 3. p. 182.---Io. Morison l.c. tab. 2 fig. 3."
"Messina----Herb. Pan."
Sicily

Nardurus orientalis Boiss. Diagn. Ser. I. 7: 127. 1846.

"Hab. in Syria prope Aleppum, Kotschy 841, in apricis
prope ruinas Persopolis in Persia australi No. 263."

Nardurus patens Hack. Cat. Gram. Portug. 31. 1880.

Based on "*Tritium patens* Brot."
Portugal

Nardurus persicus (Trin.) Boiss. & Buhse, Mem. Soc. Nat.
Moso. 12: 225. 1860.

Based on *Poa persica* Trin.

"Zwischen Dschendak und Jedd bei Bunegu, 6 April 1849
[Transkaukasien und Persien]"

Nardurus persicus var. *hirtipaleus* Grossh. Beih. Bot. Centralbl. Abt. II. 44: 202. 1927.

"Transcaucasica, distr. Nachitschevan, inter st. vias ferr. Negram et Daroscham, in glareosis. 16. V. 1923. Leg. A. Grossheim."

Nardurus poa (Beauv.) Boiss. Voy. Bot. Espagne 2: 667. 1839-45.

Based on "*Brachypodium* Poa R. & Sch."

Beauv. Ess. Agrost. 155. 1812, name only; ex Roem. & Schult. Syst. Veg. 2: 746. 1817.

France

Nardurus poa var. *aristata* Boiss. Voy. Bot. Espagne 2: 667. 1839-45.

"In terra mobili arenosa regionis alpinae, Sierra Tejada"...

Spain

Nardurus poa var. *aristatus* Parl. Fl. Ital. 1: 483. 1848.

Not var. *aristata* Boiss. 1939-45.

Cites among other synonyms: *Triticum maritimum* Viv. ann. bot. 1 part 2, p. 152, non Linn. Mant. 2. p. 325.

Triticum hispanicum Viv. fl. Ital. fragm. p. 21. [and others]

Parl. cites the following figure: "Viv. fl. ital. fragm. tab. 23. f. 2."

Italy

Nardurus poa var. *maximus* Lange, Naturhist. For.

Kjøbenhavn Vid. Medd. II. 1: 58. 1860.

"Inter segetes ad pagum Manzanal (mont. Legion.)."

Spain; Lange, Collector.

Nardurus poa var. *ramosus* Parl. Fl. Ital. 1: 483. 1848.

"*Triticum festuosa* Dec. fl. franco. 3. p. 86. halleri / Gaud. fl. helv. 1. p. 366. *Festuca poa* / Kunth enum. pl. 1. p. 394. *Lachenalii* / Koch, syn. fl. germ. et helv. edit. 2. p. 935." cited.

Nardurus pusillus Litw. Trav. Mus. Bot. Acad. Sci. St. Pétersb. 1: 21. 1902, as syn. of *P. exigua* Litw.

"pl. Turcom. exsicc. n. 99."

Nardurus salzmanni Boiss. Voy. Bot. Espagne 2: 667, pl. 178 B. 1839-45.

"In arenosis regionis calidae et montanae, legi in alveo siccio rivuli ad pedem montis San Anton prop. Malaga, circa hanc urbem etiam Cl. Salzmann."

Basis of *Festuca salzmanni* (Boiss.) Boiss and of *Narduroides salzmanni* (Boiss) Rouy.

Spain

(Lam.)
Nardurus tenellus Godr. Flore Lorr. 3: 187. 1844.

Triticum nardus DC. (based on *Triticum tenellum* Lam. [not L.])

"Nancy (prairies de Saint-Charles, près du ruisseau de Nabécor: Soyer-Willemet)."

France

(L.)
Nardurus tenellus Reichenb. Agrost. Germ. Icon. Gram. no. 288. p. 33. f. 129. 1850.

"(*Brachypod. tenellum* P. B.)" cited. This name based on "*Triticum tenellum* L." [Beauvois] ~~was~~ of *Triticum tenellum* L. unidentifiable.]

Nardurus tenellus Fries, Linnaea 29: 730. 1858, as syn. *N. unilateralis* in 1853. Not Godr. 1844.

in herb. Upsal

Nardurus tenellus (L.) Duval-Jouve, Bull. Soc. Bot.

France 13: 132. 1866. Not (Lam.) Godr. 1844.

Based on *Triticum tenellum* L.

[*Triticum poa* DC. = *Nardurus Lachenalii* var. *α* Godr. Fl. Fr. 3: 617" cited as synonym]

Europe

of. *Micropyrum tenellum* (L.) Link.

Nardurus tenellus var. *aristatus* (Coss. & Dur.) Parl.

ex Lange in Kjoeb. Vidensk. Meddel. 58. 1860.

Based on "*Festuca* unilateralis *α* aristata Coss. & Dur."

Europe

Nardurus tenellus var. *aristatus* Haack. Cat. Gram.

Portug. 30. 1880, without descr. Not Parl. ex Lange 1860.

"Porto (Hkl!) Braganca (Henr.)."

Portugal

Nardurus tenellus var. *aristatus* (Tausch.) Hayek,

Repert. Sp. Nov. Fedde, Beih. 30³: 294. 1932.

Not Parl. ex Lange 1860. nor Haack. 1880.

Based on "*Triticum lolioideus* var. *aristatus* Tsch. Fl. XX. 116."

Europe

Nardurus tenellus var. *festuoides* Fiori, Nuov. Fl.

Anal. Ital. 1: 143. 1923.

"Halleri Fiori 1896" which = *N. halleri* (Viv.) Reichenb. 1850, based on *Triticum halleri* Viv. [cannot find "*festuoides*"]

Nardurus tenellus var. *Oredillae* Gandgr. ex Oredilla,

Act. Soc. Esp. Hist. Nat. 29: 147. 1900, as syn.

Nardurus gandogeri Oredilla

Spain

Nardurus tenellus var. *halleri* (Viv.) Fiori, Nuov. Fl.

Anal. Ital. 1: 143. 1923.

Based on *Triticum halleri* Viv.

Europe

Nardurus tenellus var. *montanus* (Boiss. & Reut.) Lange,

Naturhist. For. Kjøbenhavn Medd. II. 1: 58. 1860.

Based on "*N. montanus* Boiss. & Reut."

Nardurus tenellus var. *muticus* (Tausch.) Hayek, Repert.

Sp. Nov. Fedde, Beih. 30³: 294. 1932.

Based on *Triticum lolioideus* var. *muticum* Tausch

Europe

Nardurus tenellus var. *unilateralis* (L.) Arcang. Comp.

Fl. Ital. 800. 1882.

Triticum [unilaterale] L.

Italy, France

Nardurus tenuiculus (Lois.) Mabille, Act. Soc. Linn.

Bord 25: 616. 1864.

Based on *Triticum tenuicolum* Loisel.

France

Nardurus tenuiflorus Boiss. Voy. Bot. Espagne 2: 667. 1839-45.

Based on "*Brachypodium tenuiflorum* (Sohrad.) R. et Sch."

Austria

Nardurus tenuiflorus var. *aristatus* (Koch.) Hay. Bull.

1st Inst. Bot. 6: 385. 1958.

Based on *Nardurus maritimus* var. *aristatus* (Koch.) Hay. this based on *Festuca tenuiflora* var. *aristata* Koch.

Europe

Nardurus tuberosus (Moris) Hayek, Repert. Sp. Nov.

Fedde, Beih. 30³: 295. 1932.

Based on *Catapodium tuberosus* Moris

= *Castellia tuberosa* (Moris) Bor.

Sardinia, Italy

Nardurus ? unilateralis (L.) Boiss. Voy. Bot. 2: 667.

1845.

(Fries, Linnaea 29: 730. 1857-58 same basis)

Based on *Triticum unilaterale* L.

So. Europe

Nardurus unilateralis var. *aristata* Batt. & Trab. Fl.

Alger. Monoc. 234. 1895.

Algeria

Nardurus unilateralis var. *aristatus* (Koch) Parl. Fl.

Ital. 1: 485. 1848.

Based on *Festuca tenuiflora* var. *aristata* Koch syn. fl. germ. et helv. edit. 2. p. 935.

Europe

Nardurus unilateralis f. *aristatus* St. Lager in Carlet,

Étude des Fleurs ed. 8. 2: 916. 1889.

of. Parl. 1848, Batt. & Traub. 1895.

France

Nardurus unilateralis f. *muticus* St. Lager in Carlet,

Étude des Fleurs ed. 8. 2: 916. 1889.

France

Nardurus Woronowii Schischk. Bull. Mus. Georgie 1: 3.

pl. 1. 1922.

"Hab.: Er. Distr. Nachitschevan. montes Darry-dagh, fauces Sengardara, in decliv. lapidosis 23. V. 1914. G. Woronow.".... [Caucasus]

Nardus aristatus L. Sp. Pl. ed. 2. 78. 1762.

"Habitat Romae."

= *Psilurus aristatus* (L.) Duval-Jouve fide Aschers. & Graeb. p. 766.

Nardus articulata L. Sp. Pl. 53. 1753.

"Gramen liliaceum maritimum specie articulatis Moris hist. 3. p. 182. 38. t 5 f. [error for t. 2. Illustration is *Parapholis incurva* (L.) C. E. Hubb.]

"Habitat in Italia, Hispania, G. Narbonensi" cited.

[no specimen in L. herb., omitted in ed. 2., fide Munro]

Nardus ciliaris L. Sp. Pl. 53. 1753.

"Habitat in India."

[= *Ischaemum leersiioides*] fide Munro

Nardus ciliata Lam. Tabl. Encyc. 1: 152. 1791.

"Ex India. Sonnerat."
= *Perotis latifolia*?

Nardus dactyloides Roland ex Rottb. Act. Lit. Univ.
Hafn. 1: 269. 1778.

Surinam.

[Rottb. cites this after description of *Panicum lanatum* Rottb. l.c. as if it were a synonym, but the brief diagnosis of Rolander which he gives does not apply to *Trichachne insulare*, of which *Panicum lanatum* Rottb. is a synonym.]

Nardus gangitis L. Sp. Pl. 53. 1753.

"Habitat in O. Narbonensi." Moris. hist. 3. p. 257. sect. 8. t. 13. f. ult. illust. is *Campulopus* sp. may be *C. aromaticus*. Richter says L. saw no specimen, named figures only; that the locality [south France] is an error, R. refers the species to *C. carolinianum* [= *Ctenium*]

see Man. U. S. II. 848. 1951.

Nardus incurvus Gouan, Hort. Monsp. 33. 1762.

"Oraen exile arundinaceum minimum acumine reflexo. B. Scheuchz. p. 41. tab. 1. f. 7. litt. K. Icon. optima."

= *Psilurus aristatus* (L.) Duv-Jouve fide Asch. & Graeb. p. 766.

"Circia Caunelles" [France]

Nardus indica L.f. Suppl. Pl. 105. 1781.

"Habitat in Tranquebaria. India, König."
= *Microchloa indica* (L.) Beauv.

Nardus monandra Cav. Rasp. in Ann. So. Nat. Ser. I.
5: 438. 1825.

Based on "*Rottboella monandra* Cav."

= *Psilurus aristatus* (L.) Duv-Jouve fide Asch. & Graeb. 767.

Spain

Nardus scorpioides Lam. Tabl. Encycl. 1: 152. 1791.

= *Ctenium aromaticum* (Walt.) Wood.
"Ex America."

Nardus stricta L. Sp. Pl. 53. 1753.

"Habitat in Europae asperis, sterilibus, duris."

[Linnaeus' own species, from "Fl. Lapp." taken for type of genus]

Type of genus *Nardus* L.

Nardus stricta var. *elastior* Gaud. Fl. helv. 1: 141.
1828.

"var. *Michelfeldae* C. B. Lachenal. A. Calève prope Nevidunum."

Switzerland

Nardus stricta var. *humilis* Goiran, Bull. Soc. Bot. Ital. 1899: 291. 1899, without descr.

"Cerberi di monte Baldo."

Italy

Nardus stricta var. *laevis* Opiz, Seznam. Rostl. Česke 67. 1852, nom. nud.

var. *scabra* Opiz, l.c. nom. nud.

Bohemia

Nardus thomaea L.f. Suppl. 105. 1781.

"Habitat in Tranquebaria ad Montem Sanoti Thomae. König."

Basis of *Oropetium thomaeum* (L.f.) Trin. fide Hack. valid
also *Rottboellia thomaea* (L.f.) Willd.

Narenga fallax (Balansa) Bor, Kew Bull. 2: 162. 1948.

Based on *Saccharum fallax* Balansa

"Tu-Phap" French Indo China

Basis of *Erianthus fallax* (Bal) Ohwi.

(Nees)

Narenga narenga Ankström, Proc. Ind. Sci. Congr.

25(2): 280. 1939, incidental mention.

Says "It has been possible to cross *Saccharum* not only with other genera like *Narenga* (*Narenga narenga*) etc."....

See *Eriochrysis narenga* Nees in Steud. Syn. Fl. Glum. 1: 411. 1855.

= *Narenga porphyrocoma* (Hance) Bor.

Narenga porphyrocoma (Hance) Bor, Indian For. 66: 268.
1940.

Based on *Eriochrysis porphyrocoma* H. F. Hance

Narenga porphyrocoma (Hance) Bor, Indian Forest Records (n.s.) Botany 2: 153. pl. 38, 39. 1941.

Based on *Eriochrysis porphyrocoma* Hance 1876, provincia Cantonensi---Oct. 1875, invenit domina Galbraith. (Herb. propr. n. 19285.)

This based on *Saccharum porphyrocoma* Hack. in D.C. Monogr. Phan. 6: 120. 1889, this based on *Eriochrysis porphyrocoma* Hance in Trimen, Journ. Bot. 14: 294. 1876. "In provincia Cantonensi, secus amnem Lien chau, m. Octobri, 1875, invenit domina Galbraith. Herb. propr. n. 19285."

China

Nassella amphora Elias, Geol. Soc. Amer. Spec. Papers

41: 101. pl. 15. f. 1-3. 1942. fossil

"(1) In the lower part of Ash Hollow formation, west of Beamsville, Smith County, Kansas. (2) In the section of the Ogallala about 50 feet thick at State Lake, Clark County, Kansas. Collected by C. W. Hibbard."

Nassella asplundii Hitchc. Contr. U. S. Nat. Herb.

24: 394. 1927.

"Type in the U. S. National Herbarium no. 1,099,355, collected at Uyuni, Bolivia, altitude 3,700 meters, March 25, 1921, by Dr. E. Asplund (no. 6548)."

Bolivia, South Amer.

Nassella caespitosa Griseb. Abh. Ges. Wiss. Göttingen

19: 258. 1874.

"Tucuman, in pasquis alpinis S. de Aconquija, supra Cienega." [Lorentz, Coll.]

Argentina

= *Stipa inconspicua* Presl

Nassella caespitosa var. *peruviana* (Ball) Hack. ex

Druce, Rep. Bot. Soc. Exchange Club 1914: 28. 1915.

Based on *Oryzopsis caespitosa* var. *peruviana* Ball

Peru

Note by A.S.H.: "This is probably *Stipa inconspicua* like the species."

Nassella chilensis (Trin.) E. Desv. in C. Gay, Fl. Chil.

6: 267. 1853.

Based on "*Urachne chilensis* Trin."

Chile

Nassella corniculata Hack. Repert. Sp. Nov. Fedde 6: 155. 1908.

"leg. Dr. O. Buchtien (no. 157 exp.)"

"Bolivia: La Paz"

South Amer.

Nassella deltoidea Hack. Repert. Sp. Nov. Fedde 11: 23. 1912.

[Hack. ex Buchtien, Contr. Fl. Boliv. 1: 69. 1910, nom. nud.]

"Bolivia: In declivibus prope La Paz, alt. 3600m s.m. mart. 1910, leg. Dr. O. Buchtien no. 2484."

Nassella exserta Phil. Linnaea 33: 278. 1864-65.

"In praedio meo S. Juan prov. Valdiviae nemora inhabitat." [Philippi]

Chili

Nassella exserta var. *asperata* Parodi, Darwiniana 7: 390. f. 8B, B. 1947.

"Chile: Concepción: Tomeco Lucay, leg. E. Barros no. 5367, XII-44 (Typus in herb. Parodi et Washington)."

Nassella flaccidula Hack. Repert. Sp. Nov. Fedde 6: 154. 1908.

"leg. Dr. O. Buchtien (no. 157 ex p.)"

"Bolivia: La Paz, Bergabhangs."

Nassella flaccidula var. *glomerata* Hack. ex Druce, Rep. Bot. Soc. Exchange Club 3(1913): pl. [344a]. 1914; 1914: 28. 1915.

"found for first time in Europe on wool-refuse at Selkirk by Miss I. M. Hayward, Oct. 1913."

Scotland [from S. Amer.?]

Nassella flaccidula var. *humilior* Hack. Repert Sp. Nov. Fedde 6: 155. 1908.

"Mit der Hauptart [*N. flaccidula*] vermischt gesammelt

["leg. O. Buchtien] [157 ex p.]

[Bolivia: La Paz]

Nassella floribunda Phil. Anal. Univ. Chile 93: 729. 1896.

[Chile] "In collibus de Ranco dictis prope Santiago reperta a nobis est novembri 1877." [Philippi]

Nassella fuscescens Phil. Anal. Univ. Chile 93: 729. 1896.

"In praedio meo San Juan varietatem majorem inveni, minorem ad Constitutionem legit orn. Raphael Azo-Cart."

[Chile]

Nassella humilis Phil. Linnaea 33: 278. 1864-65.

"Illapel, unde attulit orn. Landbeck."

Chile

Nassella Johnstonii Parodi, Darwiniana 7: 373. f. 1. 1947.

"Chile: Antofagasta, departamento de Taltal, cerca de la Aguada de Miguel Diaz (24° 35' lat. S.) leg. Ivan Johnston No. 5408, 1-4, XII-1925, 'Moist slope on ridge in fertile belt. In loose tufts' (Typus speciei in herb. Parodi)..."

Named for Ivan M. Johnston -- Arnold Arboretum

Nastus Humberti Camus, Bull. Soc. Bot. France
84: 286. 1937.

"Madagascar S.-E.; Massif de l'Andohahelo; orêtes et rochers siliceux aux abords du sommet, vers 1'0, alt. 1.900 m. (H. Humbert, 4^e voyage)."

Nastus humilis Hassk. Cat. Hort. Bog. Alt. 19. 1844,
without descr.

= *Dinorchloa tjankorreh*

Nastus latifolia (Humb. & Bonpl.) Spreng. Syst. Veg.
2: 113. 1825.

Based on (*Bambusa latifolia* Humb. & Bonpl.)

= *Quadua latifolia* Humb. & Bonpl.

Nastus lokohensis A. Camus Mém. Inst. scient. Madagascar
ser. B. 6: 251. 1955, without description. A. Camus,
Bull. du Muséum, ser. 2. 29: 274. 1957. description.

"Vallée de la Lokoho, au sommet du mont Ambatosoratra
1.500-1.450 m., Humbert 22951, janvier 1949 (1)."
(type in herb. Mus. Paris)

In 1957 publication:

"au N. d'Amboavonihy et de Belooka, alt. 1500-1600 m.
---Humbert et Cours 22951.---Marojejy (NE), à l'Ouest
de la rive de Manantenina, affluent de la Lokoho---
15-25 décembre, 1948. Humbert 22630 bis;---Antongon-
drina, massif du Belsomanga---Humbert et Capuron
24339 bis.

Nastus macrospermus (Michx.) Raspail, Ann. Sci. Nat.
Bot. 5: 442, 458, pl. 8. f. 1. 1825.

Raspail gives "(*Arundinaria Palis.*)" with no citation.
Based on *Arundinaria macrosperma* Michx.-in Manual

= *Arundinaria gigantea* (Walt.) Muhl. in Manual
Man. U.S.

Nastus madagascariensis A. Camus, Bull. Soc. Bot.
France 72: 24. 1925.

[amplified: Camus, Bull. Mus. Hist. Nat. Paris II.
6: 98. 1934]

"Madagascar centr. (Perrier de la Bathie,
no 10,908)."

Nastus manongarivensis A. Camus, Bull. Soc. Bot.
France 72: 25. 1925.

[amplified: Camus, Bull. Mus. Hist. Nat. Paris II.
6: 98. 1934]

"Madagascar centr.: Massif de Manongarivo, ...
(Perrier de la Bathie, no. 10,260)."

Nastus obtusus Holtum, Kew Bull. No. 4: 594. 1956.

Type: New Guinea, Bouffar Rivier, 200 m. alt. leg.
Docters van Leeuwen no. 10196 in Herb. Singap.

Nastus paniculatus Sm. in Rees's Cycl. 24: n.4. 1819.

"Lamarck Illustr. t. 264. fig. 1, b, c, d."

"Gathered by Commerson on mountains in the isle of
Bourbon."

Nastus Pierrieri A. Camus, Bull. Soc. Bot. France
72: 26. 1925.

"Madagascar centr.: silve à Lichens du Mont
Tsaratanana... (Perrier de la Bathie, no. 15,491)."

Nastus plicatilis Zipp. ex Maackl. in Bijdr. Nat. Wet.
5: 178. 1830, nom. nud. Quid?

[Holland publ.] New Guinea

Nastus productus (Pilger) Holtt., Kew Bull. No. 4: 594.
1956.

Based on *Oreiostachys productus* Pilger.
New Guinea

Nastus prolifer Desv. Opusc. 211. 1831.

"Habitat in Brasillio."

Nastus Quila (Poir.) Schult.f. in Roem. & Schult.
Syst. Veg. 7: 1361. 1830.

Based on "*Arundo quila* Poir. (neo Molin.)" or Molin.
misappl. by Poir.

= *Chusquea quila*

Nastus schlechteri (Pilger) Holtt., Kew Bull. No. 4:
594. 1956.

Based on *Oreiostachys schlechteri* Pilger
New Guinea

Nastus stricta Raspail, Ann. Sci. Nat. Ser. I. Bot.
5: 442. 1825. Not Smith, 1819.

"*Bambusa*, Schreb." Raspail gives no citation after
this. Roxb. is authority for *Bambusa stricta*

Nastus strictus (Roxb.) Smith in Rees's Cycl.
24: n.2. 1819.

Based on *Bambos stricta* Roxb.

Nastus tessellata Nees, Fl. Afr. Austr. 1: 463. 1841.

In monte Winterberg... (Terrae Caffrorum) Eoklon; in
praeruptis udis montium Witbergen... etiam in monte
Los-Tafelberg, in den Kränzen eadem altitudine, in
Bambusergen aliisque in locis editissimis circa fines
Caffrorum, tum vero et in monte Katberg... (Drège)."

"Arborescens. In humidis montium Witbergen... in
siocioribus montis Los-Tafelberg et montium Bambus-
bergen... Nunquam cum flore aut fructu a nobis inventa
est" (Drège in schedis.)"

Arundinaria tessellata (Nees) Munro based on this.

Nastus thouarsii Raspail, Ann. Sci. Nat. Ser. I.
5: 442. 1825; Spreng. Syst. Veg. 2: 113. 1825.

Type loc. "Madagascar."

Nastus tjankorreh Schult.f. in Roem. & Schult. Syst.
Veg. 7: 1358. 1830.

= *Dinorchloa tjankorreh*

"In monte Gedee Javas, ubi a monticulis Bambu
Tjankorreh dicitur: Blume."

Nastus tsaratananensis A. Camus, Bull. Soc. Bot.
France 72: 26. 1925.

"Madagascar centr.: Mont Tsaratanana, ... (Perrier de
la Bathie, no. 16)."

Nastus verticillatus Beauv. Ess. Agrost. 168. 1812,
nom. nud.

"*Bambos* Willd." is cited under *Nastus* (page 141).
Willdenow cites *Nastus* Juss. under *Bambusa arundi-
nacea* Willd. A second species is *B. verticillata*
Willd.; possibly this is the basis of *N. verticilla-
tus*. Beauvois gives an illustration (plate 25,
figure 3) which in the explanation is named "*Nastus*"
only. This represents a species of *Bambusa* Retz."
(A.C.)

Niles--Beauv. Agrost.

Nastus verticillatus (Willd.) Smith in Rees's Cycl.
24: n. 3. 1819.

Based on "*Bambusa verticillata* Willd."

Basis of *Gigantochloa verticillata* (Willd.) Munro
India

Nastus viviparus Raspail, Ann. Sci. Nat. I. 5: 458.
pl. 8. f. 3. 1825.

"(Nastus... Palis, pl. 28.) Nous avons trouvé dans
l'herbier de Ventenat, la plante qui paraît avoir
servi de type au genre obscur de Palisot."

Natschia stricta, Bub. Fl. Pyren. 4: (1901) 405.

Based on *Nardus stricta* Lobel.

= *Nardus stricta* probably
Europe

Navioullaria glabra Raddi, Agrost. Bras. 39. 1823.

"Invenitur... in saltibus montosis prope Rio-janeiro"
Raddi
Brazil

= *Ichnanthus glaber*

Navioullaria hirta Raddi Agrost. Bras. 39. 1823.

= *Ichnanthus hirtus* (Raddi) Chase

"Invenitur... in saltibus montosis prope Rio-janeiro."
Brazil

Navioullaria lanata Raddi, Agrost. Bras. 40. pl. 1.
f. 5. 1823.

Invenitur in herbis prope Rio-Inhumirim." Raddi
Brazil

= *Ichnanthus*

Nazia aliena (Spreng.) Scribn. U. S. Dept. Agr. Div.
Agrost. Bull. 17: 28 f. 324. 1899.

"(Lappago aliena Spreng.)" erroneously cited as basis
and misapplied to *Tragus berteronianus* Schult.

Dominican Republic, Bertero

Man. U. S.

Nazia occidentalis (Nees) Scribn. Zee 4: 386. 1894.

Based on *Tragus occidentalis* Nees

= *Tragus berteronianus* Schult.
Man. U. S.

Nazia racemosa (L.) Kuntze, Rev. Gen. Fl. 2: 780. 1891.

Based on *Cenchrus racemosus* L.

= *Tragus racemosus* L. Man. U. S.

Nazia racemosa aliena Scribn. & Smith U. S. Dept. Agr.
Div. Agrost. Bull. 4: 12. 1897.

Based on "*Lappago aliena* Spreng."

= *Tragus berteronianus* Man. U.S.

Nazia racemosa var. *koelerioides* Kuntze, Rev. Gen. Fl.
33: 357. 1898.

"(Aschs. 1878 in Verh. bot. ver. XX pag. XXX."

"= var. major Hackel 1890." [*Tragus racemosus* var.
major Hack. Marl. 1514]

= *Tragus major* (Hack.) Stapf; this = *T. koelerioides*
Aschers. 1878.

Capland. S. Africa

Neeragrostis hypnoides (Lam.) Bush, Trans. Acad. St. Louis 13: 180. 1903.

Based on *Poa hypnoides* Lam.

= *Eragrostis hypnoides* (Lam.) B.S.P.
Trop. Amer.

Neeragrostis weigeltiana (Reichenb.) Bush, in Trans. Acad. St. Louis 13: 178. 1903.

Based on "*Poa Weigeltiana* Reichenb." as syn.

"Surinam by Weigelt in 1827."

= *Eragrostis reptans* Man. U. S.

Neesiochloa barbata (Nees) Pilger, Repert. Sp. Nov. Fedde 48: 119. 1940.

Based on *Calotheca barbata* Nees

Brazil

"Brasilien: Piahy, habitat in graminosis irriguis. Campo mimoso diotis prassim" sec. Nees--Ceará, Cratheus---(J. R. Swallen no. 4491.-v. 1934).

Negria meliocoides Chiovenda Ann. Bot. [Roma] 10: 411. 1912. [Not *Negria* F. von Mueller 1871.]

= *Joannegria* Chiov., based on this.

"Galla Arussi: tra l'Hausach e Dire Dama fra Laga Arba e Mieso lungo la strada dell'Assabot in luoghi cespugliosi umidici ... (G. Negri n. 1327)"

Africa

Nemastachys taitensis Steud. Syn. Fl. Glum. 1: 357. 1854.

"Urvillea in Ins. Taiti."

Pacific isl.

= *Eulalia glabrata* Brongn.

Nematopoa longipes (Stapf & C.E. Hubb.) C.E. Hubb. Kew Bull. 1957: 52. 1957.

Based on *Triraphis longipes* Stapf & C.E. Hubb. 1927.

"Rhodesia: Salisbury, ---Egles 2167 (type)."

Africa

Neobambusa dolioanthus (Keng) Keng, Techn. Bull. Nat. Forestry Research Bur. 8: 15. 1948.

Based on *Arundinaria dolioantha* Keng, Sinensia 7 (no. 3): 418, 420. 1936.

genus not described

China

Neohouzeaua Dullooa (Gamble) A. Camus, Bull. Mus. Hist. Nat. 28: 101. with text fig. 1922.

Based on *Teinostachyum Dullooa* Gamble

Bengal, Burma, British Bhutan, through Assam and Sylhet Valleys---and to Chittagong and upper Burma.

Neohouzeaua Helferi (Munro) Gamble, Kew Bull. Misc. Inf. 91. 1923.

Based on *Bambusa Helferi* Munro

Neohouzeaua mekongensis A. Camus, Bull. Mus. Hist. Nat. 28: 101. with text fig. 1922.

"Laos: Ubon, Kemmarath (Thorel)."

Indo China

Neohouzeaua stricta Parker, Ind. Forest. 54: 97. with pl. 1928.

"No. 2404, 2408 Tavoy district, 2462 Mergui district, coll. R. N. Parker. Along the Tenasserim river valley, common." [Burma]

Neohouzeaua tavoyana Gamble, Kew Bull. Misc. Inf. 92, with text fig. 1923.

"Burma. Sinyat hill in Tavoy at 300 m. alt. C. G. Rogers, Jan. 1919. No. 361 T."

Neohusnotia tonkinensis A. Camus, Bull. Mus. Hist. Nat. Paris 26: 664. 1920.

Based on "*Panicum tonkinense* Balansa"

(Paniceae)

= *Acroceras*

Neomolinia Fauriei (Hack.) Honda, Journ. Fac. Sci. Univ. Tokyo Sect. III, Bot. 3: 110. 1930.

Based on *Molinia Fauriei* Hack.

Corea: prope Naipiang (Faurie n. 804)

Neomolinia koryoensis (Honda) Nakai, Bull. Sci. Nat. Mus. 140. 1952.

Based on "*Diarrhena koryoensis* Honda" this published as syn. of *Diarrhena fauriei* (Hack.) Ohwi

Korea Faurie 804.

Neomolinia mandshurica (Maximowicz) Honda, Bot. Mag. Tokyo 46: 2. 1932.

Based on *Diarrhena mandshurica* Maximowicz

= *Diarrhena*

Neosasanorpha asagishiana (Makino et Uchida) Tatewaki, Trans. Hokkaido For. Soc. 38(2): 8. 1940.

Based on *Sasa asagishiana* Makino & Uchida

"Hab. Prov. Rikuchū: Asagishi (Shigetarō Uchida! Oct. 1929.)."

Japan

Neosasanorpha asahinae (Makino & Nakai) Tatewaki, Trans. Hokkaido For. Soc. 38(2): 9. 1940.

Based on *Sasa asahinae* Makino & Nakai 1934

"Hab. Hondo. Prov. Suruga: Ottemba (Y. Asahina & K. Hisauchi, Dec. 1929, typus in herb. Imp. Univ. Tokyo)."

Japan

Neosasanorpha chitosensis (Nakai) Tatewaki, Trans. Hokkaido For. Soc. 38: 9. 1940.

Based on *Sasa chitosensis* Nakai

"Hab. Yezo. Prov. Iburi: Chitose (H. Hara no. C. 652d, typus in Herb. Imp. Univ. Tokyo)."

Japan

Neosasanorpha elegans (Makino) Koidz. Acta Phytotax. & Geobot. 9: 227. 1940.

Based on *Sasa elegans* Makino in Japanese, Makino 1928 (see card); Makino & Nemoto, Fl. Jap. ed. 2. 21: 1394. 1931.

Neosasanorpha hatsuroana Koidz. Acta Phytotax. & Geobot. 10: 211. 1941, as syn. of *Sasa hatsuroana* Koidz. "hoc loc." or l.o.

Japan "prov. Rikuchū: Isawagun, Koromogawamura"

Japan

Neosasanorpha hiugensis (Nakai) Koidz. Acta Phytotax. & Geobot. 9: 227. 1940.

Based on *Sasa hiugensis* Nakai

"---Kiusiu. Prov. Hiuga---oppide Kibana, tractus Miyazaki (Bungo Miyazawa, 21, Apr. 1935.)"

Neosasanorpha hosomiana (Koidz.) Koidz. Acta Phytotax. & Geobot. 9: 227. 1940.

Based on *Sasa Hosomiana* Koidz.

Japan, prov. Tamba, Hi

Neosasanorpha hukudaeana (Koidz.) Koidz. Acta Phytotax. & Geobot. 9: 227. 1940.

Based on *Sasa Hukudaeana* Koidz.

Japan: "Prov. Rikuchū, Morioka, Itarisawa (Y. Hukuda 1051)"

Neosasanorpha ishiharae (Tatewaki) Tatewaki, Trans. Hokkaido For. Soc. 38(2): 9. 1940.

Based on *Sasa Ishiharae* Tatewaki

"Hab. Yezo. Prov. Kushiro: Chantai (M. Tatewaki, n. 25116, v. 28, 1936--type in Herb. Fac. Agr. Hokkaido Imp. Univ.)."

Japan

Neosasanorpha iwamiana (Koidz.) Koidz. Acta Phytotax. & Geobot. 9: 227. 1940.

Based on *Sasa iwamiana* Koidz.

Japan "prov. Iwami, Yumotsu (Ig. I. Maruyama 401.)."

Neosasanorpha iwatekensis (Makino & Uchida) Tatewaki, Trans. Hokkaido For. Soc. 38(2): 9. 1940.

Based on "*Sasa iwatekensis* Makino & Uchida in Sci. Res. Morioka Imp. Coll. 12: 81. 1936." Latin desor.

"Hondo, Prov. Rikuchū: Shinogi, Takizawamura, Iwategun (S. Uchida! Oct. 6, 1929)."

Japan

Neosasanorpha kagamiana (Makino) Koidz. Acta Phytotax. & Geobot. 9: 227. 1940.

Based on *Sasa Kagamiana* Makino (& Uchida)

Japan "Prov. Rikuchū: Yonai-mura (S. Uchida! 1928; T. Makino! 1928)"

Neosasanorpha kirisimensis (Koidz.) Koidz. Acta Phytotax. & Geobot. 9: 227. 1940.

Based on *Sasa kirisimensis* Koidz.

Japan "prov. Hiuga: ad Summan montis Kirishimayama"

Neosasanorpha lasioclada (Makino & Nakai) Tatewaki, Trans. Hokkaido For. Soc. 38(2): 9. 1940.

Based on *Sasa lasioclada* Makino & Nakai

"Hab. Yezo: secus rivulum Chitose prov. Iburi (M. Tatewaki -- typus in Herb. Imp. Univ. Hokkaido)."

Japan

Neosasanorpha lasioderma (Tatewaki) Tatewaki, Trans. Hokkaido For. Soc. 38(2): 9. 1940.

Based on *Sasanorpha lasioclada* Tatewaki.

"Hab. Yezo. Prov. Kitami: Shiitokaro, Okedo (M. Tatewaki, n. 26116, x. 25, 1936 -- type in Herb. Fac. Agr. Hokkaido Imp. Univ.; VII. 17, 1937)."

Neosasanorpha macrospila (Koidz.) Tatewaki, Trans. Hokkaido For. Soc. 38(2): 10. 1940.

Based on *Sasa macrospila* Koidz.

"Hab. Japonia: Yezo, prov. Iburi, Chitose (Ig. O. Koidzumi)."

Neosasanorpha melinaera (Koidz.) Koidz. Acta Phytotax. & Geobot. 9: 227. 1940.

Based on *Sasa melinaera* Koidz.

Japan "prov. Kawauchi, Mt. Kongosan" [no collector cited]

Neosassamorpha mirabunda (Koidz.) Koidz. *Acta Phytotax.*
& *Geobot.* 9: 227. 1940.

Based on *Sasa mirabunda* Koidz.

Japan -- "prov. Kawachi, Mt. Kongosan," no coll.
cited.

Neosassamorpha moderabilis (Koidz.) Koidz. *Acta Phytotax.*
& *Geobot.* 9: 227. 1940.

Based on *Sasa moderabilis* Koidz.

Japan -- "prov. Iga, Kaotidana"

Neosassamorpha Nakashimana (Koidz.) Koidz. *Acta Phytotax.*
& *Geobot.* 9: 228. 1940.

Based on *Sassamorpha nakashimana* Koidz.

"---Japonia: Kyusiu, prov. Hiuga, Mt. Kirishimayama
(lg. K. Nakashima! 24 Jul. 1935, no. 25)"

Neosassamorpha naucinodosa (Koidz.) Koidz. *Acta Phytotax.*
& *Geobot.* 9: 228. 1940.

Based on *Sasa naucinodosa* Koidz.

"Japonia: Prov. Tamba: Hikamigun, Kaibaramachi,
Ogura."

Neosassamorpha oshidensis (Makino & Uchida) Tatewaki,
Trans. Hokkaido For. Soc. 38(2): 10. 1940.

Based on *Sasa oshidensis* Makino & Uchida

Japan: Prov. Rikuchû: Ôshida, on hills (T. Makino!
Sept. 16, 1929)"

Japan

Neosassamorpha prodigiosa (Koidz.) Koidz. *Acta Phytotax.*
& *Geobot.* 9: 228. 1940.

Based on *Sasa prodigiosa* Koidz.

"Japonia: Kyusiu: prov. Hiizen, Ohmuremachi, Kushima-
zaki (lg. S. Toyama! Junio 11, 1937)"

Neosassamorpha shigaensis (Koidz.) Koidz. *Acta Phytotax.*
& *Geobot.* 9: 228. 1940.

Based on *Sasa shigaensis* Koidz.

"Japonia, prov. Ômi: Kokagun, Ohharamura, Okiohahara"

Neosassamorpha shimidzuana (Makino) Koidz. *Acta Phytotax.*
& *Geobot.* 9: 228. 1940.

Based on *Sasa shimidzuana* Makino

Japan--"Prov. Sagami: Hakone, near Ashinoyu (T.
Makino! K. Hisauchi!)"

Neosassamorpha Sugimotoi (Nakai) Koidz. *Acta Phytotax.* &
Geobot. 9: 228. 1940.

Based on *Sasa Sugimotoi* Nakai

Japan--"Hondo, Prov. Mikawa: Ôtani oppidi Tomiya-
mura (J. Sugimoto, no. 1831, typus in Herb. Univ.
Imp. Tokyo.)"

Neosassamorpha takizawana (Makino & Uchida) Tatewaki,
Trans. Hokkaido For. Soc. 38(2): 10. 1940.

Based on *Sasa takizawana* Makino & Uchida

Japan--"Prov. Rikuchû: Takizawa, on hills (T. Makino!
Sept. 15, 1929)"

Neosassamorpha tobacana (Makino & Uchida) Tatewaki,
Trans. Hokkaido For. Soc. 38(2): 10. 1940.

Based on "*Sassamorpha tobacana* Uchida and Murai, in
Murai, Fl. Cent. Iwate Pref. 139. 1935."

Neosassamorpha Tobagenzoana (Koidz.) Tatewaki, Trans.
Hokkaido For. Soc. 38(2): 10. 1940.

Based on *Sasa Tobagenzoana* Koidz.

"Hab. Japonia: prov. Rikuchiu, mt. Himekamiyama, (lg.
Genzo Toba, 3 Jun. 1935, no. 645)."

Neosassamorpha Togashiana (Makino) Tatewaki, Trans.
Hokkaido For. Soc. 38(2): 10. 1940.

Based on *Sasa Togashiana* Makino

"Hab. Rikuchû: Yonai... (T. Makino! Nov. 1927.)"

Neosassamorpha tsukubanantaicola (Koidz.) Koidz. *Acta*
Phytotax. & *Geobot.* 9: 228. 1940.

Based on *Sasa tsukubanantaicola* Koidz.

Japan--"prov. Hitachi: mt. Tsukubasan, Nantaizan
(lg. G. Koidzumi 24 Aug. 1939)."

Neosassamorpha Uchidana (Koidz.) Tatewaki, Trans.
Hokkaido For. Soc. 38(2): 11. 1940.

Based on *Sasa Uchidana* Koidz.

"Hab. Japonia: prov. Rikuchiu, Iwategun, Kamiyomai-
mura (lg. H. Muroi!)"

Japan

Neosassamorpha Uinuizana (Koidz.) Koidz. *Acta Phytotax.*
& *Geobot.* 9: 228. 1940.

Based on *Sasa Uinuizana* Koidz.

Japan. "prov. Settsu, Mt. Rokkozan (lg. Nuizo Ui,
27 Jul. (1934) Species dicata in Oronem Ui Nuizo."

Neosassamorpha vagans (Koidz.) Koidz. *Acta Phytotax.* &
Geobot. 9: 228. 1940.

Based on *Sasa vagans* Koidz.

"Japonia: prov. Kawachi, Mt. Kongosan" no collector
cited.

Neosassamorpha yonaiensis (Koidz.) Tatewaki, Trans.
Hokkaido For. Soc. 38(2): 11. 1940.

Based on *Sasa Yonaiensis* Koidz. Japan--

"Hab. Japonia: prov. Rikuchiu, Iwategun, Yonaimura
(lg. H. Muroi!)"

Neosassamorpha Yutakana (Koidz.) Tatewaki, Trans.
Hokkaido For. Soc. 38(2): 11. 1940.

Based on *Sasa Yutakana* Koidz. *Acta Phytotax.* & *Geobot.*
5: 203. 1936.

"Rikuchiu, Morioka, Kamiyomai (lg. Yutaka Hukuda,
14 Aug. 1935, no. 741)"

Neostapfiella colusana Davy, *Erythea* 6: 110. pl. 3. 1898.

Based on *Stapfiella colusana* Davy

Calusa Co. Calif.

= *Anthochloa colusana* (Davy) Scribn.

Neostapfiella chloridantha A. Camus, Bull. Bi-mens.
Soc. Linn. Lyon 5: 5. 1926.

"Madagascar occid.: Marais salins du bord de la baie
de Bombetoke (Perrier de la Bâthie, n° 11. 046)."

Neostapfiella Humbertiana Camus, Not. Syst. 11: 191.
1944.

"Madagascar (S.-E.): vallée moyenne du Mandrare près
d'Anadabolava, alt. 200-250 m., forêts sèches,
Humbert 12731, 12581."

Neostapfiella Perrieri A. Camus, Bull. Bi-mens. Soc.
Linn. Lyon 5: 6. 1926.

"Madagascar occid.: bois sablonneux secs d'Ankara-
fantsika (Perrier de la Bâthie, no. 11,218.)"

Nephelochloa altaica Griseb. in Ledeb. Fl. Ross.
4: 367. 1853.

Based on *Aira altaica* Trin.!

Asiatic U.S.S.R.

= *Poa songarica*

Nephelochloa breviglumis Traut, Act. Hort. Petrop.
7: 523. 1881.

"Prope Baku (Beck.)"

Transcaucasia

Nephelochloa orientalis Boiss, Diagn. Ser. I. 5: 73.
1844.

[See discussion by Glück, Bot. Jahrb. Engl. 70: 233.
1939]

"Hab. in collibus siccis *Cariae interioris*, legi
Junio 1842--circa Cheyra *Aphrodiasium* veterum. Eam
quoque vidisse credo inter plantas a ol. Kotschy in
Tauro lectas."

Asia Minor

Nephelochloa persica Griseb in Ledeb. Fl. Ross.
4: 366. 1853.

Based on *Poa persica* Trin.

Persia

Nephelochloa persica var. *altaica* (Trin.) Eryl. Fl.
Zapad. Sibiri Pt. 2. 280. 1928.

Based on *Aira altaica* Trin.

Siberia

Nephelochloa persica var. *songorica* Regel, Act. Hort.
Petrop. 7: 603. 1881.

"N. songorica Griseb."

Manchuria

Nephelochloa persica var. *tenuis* Griseb. in Ledeb. Fl.
ross. 4: 367. 1853.

"Hab. in provinciis caucasicis....."

Europe U.S.S.R.

Nephelochloa songorica Griseb. in Ledeb. Fl. Ross.
4: 367. 1853.

Based on *Glyceria songorica* Schrenk!

Manchuria

Nephelochloa songorica f. *altaica* Krilov, Flora
Altaica 7: 1646. 1914 (In Russian)
Altai. Asia

Nephelochloa tripolitana Boiss. & Blanche, Dign. Ser. II.
4: 133. 1859.

"Hab. ad margines semitarum inter hortos ad Tripolim
Syriae ol. Blanche, circa Beyrouth in Libano ol.
Gaillardot."

Syria

= *Poa persica*

Nestlera festucaeformis Willd. ex Steud. Nom. Bot.
ed. II. 2: 192. 1841.

America

= *Bouteloua radicea* D. Griff.

Neurachne alopecuroides R. Br. *Prod.* 196. 1810.

"(M.) Novae Hollandiae, a Promontorio Lewin, ad Promontorium Wilson."

Australia

Neurachne clementii Domin *Journ. Linn. Soc. Bot.*

41: 273. pl. 10. fig. 1-6. 1912.

"N. W. Australia: inter fl. Ashburton et Yule, collect. legit Dr. E. Clement."

Neurachne mereritana (Poir.) R. Br. ex Roem. & Schult.

Syst. Veg. 2: 475. 1817.

? based on "*Isachne mereritana* Poir." this ex Ceylon but Australian species may not be the same. "Poir." not cited by R. Br. himself.

Neurachne mereritana [R. Br. misappl. by (?) Boj.]

Hort. Maurit. 366. 1837.

Mauritius

= *Isachne miliacea*?

Neurachne mitchelliana Nees in Hook. *Lond. Journ. Bot.*

2: 410. 1843.

"In Novae Hollandiae interioribus. 7. Major Mitchell's Exped. n. 64."

Australia

Neurachne montana (Gaud.) Gaudich. in Frey. *Voy. Bot.*

pl. 26. 1830.

Based on *Panicum montanum* Gaud.

Sandwich Isls. [= Hawaii Is.]

= *Panicum nubigenum*?

Neurachne muelleri Haak. *Oest. Bot. Zeitschr.* 45: 329.

1895.

"West-Australia, Fortescue River (coll....?) Mis. Baron Ferd. v. Mueller, anno 1895."

[T. U.S.]

"aff. N. Munro Muell."

Neurachne multioulis Pilger in Diels & Pritzel,

Bot. Jahrb. Engler 35: 68. 1904.

"Hab. in dist. Irwin pr. Greenough River, juxta viam Mullerensem... (Diels) 4217."

West Australia

Neurachne munroi F. Muell. *Fragm.* 8: 200. 1874.

Based on "*Panicum Munroi* F. Muell. *Fragm.* V. 204."

Australia

Neurachne paradoxa R. Br. in Sturt, *Exped. Centr.*

Austral. 2: App. 89. 1849.

"Loc. Nulla indicatio loci v. stationis, in Herbario. D. Sturt."

Australia

= *Zygochloa paradoxa* (R. Br.) S. T. Blake

Neurachne peekelii Lautb., *Engler, Bot. Jahrb.*

45: 356. 1911.

"Neu-Mecklenburg: Nukonuko bei Namatanai, Along-formation (Peckel n. 19, fr. anno 1908)."

Pacific Isls.

Neurachne phleoides R. Br. ex Nees in Hook. *Lond.*

Journ. Bot. 2: 411. 1843.

"V[an] D[ie]men's] L[and] Gunn n. 584."

Tasmania

Neurachne torrida Gaudich. ex Kunth, *Enum. Fl.* 1: 114.

1833, as syn. of *Panicum torridum* Gaud.

Sandwich Isls. = Hawaiian Isls.

Neurachne xerophila Domin, *Bibl. Bot.* 85: 284. 1915.

"Queensland: Dividing Range bei Jericho, auf Sandboden (Domin, III. 1910).

Australia

Neurolepis acuminatissima (Munro) Pilger in Engl. &

Prantl, *Pflanzenfam. Ergänz.* 2: 21. 1906.

Based on *Planotia acuminatissima* Munro

"Nova Granada, Tolima, Goudot! Linden (Triana) 501 v.s."

[Colombia]

Neurolepis angustata Swallen, *Mem. N.Y. Bot. Gard.*

9: 249. 1957.

Type: abundant in open places in low brush on ombre slopes, saddle between North Peak and Central plateau, alt. 2300-2600 m, Ilu-tepui, Gran Sabana, Bolivar, Venezuela, March 15, 1952, Bassett Maguire 33412; U.S. National Herbarium nos. 2,078,769 and 2,078,770.

Neurolepis aperta (Munro) Pilger in Engl. & Prantl.

Pflanzenfam. Ergänz. 2: 21. 1906.

Based on *Planotia aperta* Munro

"---Nova Granada, sub nom. "Chusquea de Paramo" Goudot! v.s."

[Colombia]

Neurolepis aristata (Munro) Hitchc. *Contr. U. S. Nat.*

Herb. 24: 313. 1927.

Based on *Chusquea aristata* Munro

Ecuador

Neurolepis densiflora Swallen, *Mem. N.Y. Bot. Gard.*

9: 399. 1957.

Type: common in openings, flowering culms up to 30 ft. high, lower mixed Bonnetia forest above southeast-facing upper shoulder on slope leading to summit of Apacara-tepui, alt. 2000-2150 m, Chimanta Massif, Bolivar, Venezuela, June 20, 1953, Julian A. Steyermark 75806 (U.S. 2,182,907 and 2,182,910).

Neurolepis elata (Kunth) Pilger in Engler & Prantl,

Pflanzenfam. Ergänz. 2: 21. 1906.

Based on *Platonia elata* Kunth

Loxa, Ecuador

Neurolepis glomerata Swallen, *Mem. N.Y. Bot. Gard.*

9: 399. 1957.

Type: common type; inflorescence often leafless, straight; stem 20-25 feet tall; Bonnetia forest, northwestern part of summit of Apacara-tepui, alt. 2125-2300 m, Chimanta Massif, Bolivar, Venezuela, April 13, 1953, Julian A. Steyermark 74925 (in part; U.S. 2,182,879). Steyermark 74925 is a mixture, the inflorescence is *Neurolepis* but the vegetative parts are *Myriocladus*. Steyermark 74926 is entirely *Neurolepis*, but all the spikelets have fallen from the panicle. It is obviously, however, the same as described above. The vegetative parts are as follows: Base hard, woody, about 5mm. thick. (see descr.)

Neurolepis ingens (Pilger) Pilger in Engl. & Prantl.

Pflanzenfam. Ergänz. 2: 21. 1906.

Based on *Planotia ingens* Pilger

Colombia

Neurolepis mollis Swallen, *Journ. Washington Acad. Sci.*

21: 14. 1931. [misspelled *Neurolepis*]

"Type in the U. S. National Herbarium, no. 1,351,648 collected in woods in the mountains east of Las Vegas, Department of Santander, Colombia, alt. 3000-3300 m., December 20-21, 1926, by E. P. Killip and Albert C. Smith (no. 15830)."

Neurolepis nigra Swallen, *Mem. N.Y. Bot. Gard.* 9: 400.

1957.

Type: locally frequent, open forested laterite slopes along tributary of east branch of headwaters of Rio Tiroca, alt. 2185-2210 m, Chimanta Massif, Central Section, Bolivar, Venezuela, February 13, 1955, Julian A. Steyermark & John J. Wurdack 860 (U. S. 2,182,130 - 2,182,131 and 2,182,132).

Neurolepis nobilis (Munro) Pilger in Engl. & Prantl,

Pflanzenfam. Ergänz. 2: 21. 1906.

Based on *Planotia nobilis* Munro

"Nova Granada, Paramo de Rinza---Purdie! v.s."

Colombia

Neurolepis pittieri McClure, *Journ. Washington Acad.*

Sci. 32: 181. f. 8. 1942.

"Type (4 sheets) in the Herbario Nacional de Venezuela, Ministerio de Agricultura y Cria, Pittier no. 10067, collected January 2, 1922, in meadows and forest at alt. 1,700-2,000 m, between Colonia Tovar and El Lagunazo, State of Aragua, Venezuela. Dupl. in U. S. National Herbarium, nos. 1064685-1064687."

Neurolepis Stübelii (Pilger) Pilger in Engl. & Prantl,

Pflanzenfam. Ergänz. 2: 21. 1906.

Based on *Planotia Stübelii* Pilger

Colombia, Stübel 293.

T

Neurolepis tessellata (Pilger) Pilger in Engl. & Prantl,

Pflanzenfam. Ergänz. 2: 21. 1906.

Based on *Planotia tessellata* Pilger

Colombia, Stübel 410.

Neurolepis virgata (Griseb.) Pilger in Engl. & Prantl.

Pflanzenfam. Ergänz. 2: 21. 1906.

Based on "*Platonia*" *virgata* Griseb.

"Trinidad! Cr[ea]ger! at Tocouche"

Neurolepis weberbaueri Pilger, *Repert. Nov. Sp. Fedde*

17: 446. 1921.

"Peru: Dep. Libertad, Prov. Pataz, Talsystem des Mixiollo,.... (Weberbauer no. 7030)."

Nevroctola maritima Raf. (Neogenyt. 4. 1825) ex Jacks,

Ind. Kew. 2: 311. 1894, as syn. of *Uniola paniculata*

L.

Carolina, U. S.

Man. U. S.

Nevroctola paniculata Raf. (Neogenyt. 4. 1825) Jacks,

Ind. Kew. 2: 311. 1894; as syn. *Uniola paniculata*

Carolina

Man. U. S.

Nevroloma canadensis Raf. *Journ. Phys.* 89: 106. 1819.

Based on *Briza canadensis* Michx.

= *Glyceria canadensis* (Michx.) Trin.

Canada

Man. U. S.

Nevskiella gracillima (Bunge) Krecz & Vved., Act. Univ.
15
Asiae Med. VIII b. Bot. 17: 22. 1934.

Based on
Bromus gracillimus Bunge
Turkestan

"In der Wüste Karakum bei Kuk-Kabak---
Alexandrie, Lehmann, coll."

Neyraudia arundinacea (L.) Henr. Med. Rijks Herb.
Leiden 58: 8. 1929.

Based on *Aristida arundinacea* L.
in India orientali. Koenig.

Neyraudia arundinacea var. *Zollingeri* (Buse) Henr.
Flumea 3: 439. 1940.

Based on *Arundo Zollingeri* Buse (1854)

Henrad bases his variety on Buse and does not mention *Phragmites Zollingeri* Steud., 1854, which was probably later. Both Buse and Steud. cite Buse 337.

Hab. ins. Java. Zoll. in herb. Acad. Lugd. Bat. (non uti videtur in Catal. Moritz) no. 337 (spec. maturum) et no. 380 (spec. virginum)."

Neyraudia curvipes Ohwi, Bull. Tokyo Sci. Mus. no.
18: 9. 1947.

"Borneo (M. Kinabalu: Penataran River, Clemens 31189, in Herb. Bogor.)"

compares with *N. arundinacea*

Neyraudia madagascariensis (Kunth) Hook.f. Fl. Brit.
Ind. 7: 305. 1896.

Based on "*Arundo madagascariensis* Kunth"
= *N. arundinacea*

Ind. or., Koenig

Neyraudia madagascariensis var. *Zollingeri* Hook.f. Fl.
Brit. Ind. 7: 305. 1896.

"*Arundo Reynaudiana* Kunth" cited.

"Sikkim Himalaya, Assam, Bengal, the Khasia Hills, Chittagong, Tenasserim, Penang,--Java."

Neyraudia Montana Keng, Sinensia 6: 151, fig. 4. 1935.

"Type in the Herbarium of the National Research Institute of Biology, Academia Sinica, Nanking, China. Collected by the mountainous roadside, Kuling, Kiangsi Province, Aug. 28, 1934, by C. E. DeVol (no. 635)."

China

Neyraudia reynaudiana (Kunth) Keng, in Hitcho. Amer.
Journ. Bot. 21: 131. 1934.

typographical error "*reynandia*"

Based on *Arundo reynaudiana* Kunth

Burma, Reynaud

Neyraudia Thouarsii Pilger ex Peter, Repert. Sp. Nov.
Fedde Beih. 40: 309. 1931, as syn. of *N. madagascariensis* Hook.f.

Madagascar

Nipponobambusa hisauchi (Makino) Muroi, Hyogo Ken
Chûtsû Kyôiku hakubutsugakuzass no. 6. [p. ?] 1940.

[In Japanese only, not seen; genus not validly published] Type species: *N. hisauchi* (Makino) Muroi, based on *Arundinaria hisauchi* Makino ex Tsuboi, Illus. Jap. Sp. Bamboos, ed. 2: 40, pl. 38. f. 2. 1916.

Type locality: Hakone, Japan.

Nipponobambusa reikocana Muroi, Hyogoken-Chutokyoiku-
hakubutsugaku-Zasshi, no. 6. p. 90. 1940.

Type: "Hab. Nipponia [Japan]: prov. Bikutu, Hanamaki (leg. H. Muroi et Reiko Muroi, July 24, 1938)." [M.C.]

Nipponobambusa sasakizua Muroi, Japanese Bamboos (Take to Sasa), p. 331. 1956.

Not original publication; M.C. does not have it yet. [M.C. April 5, 1961.]

Nipponobambusa yamakitensis (Makino) Muroi, Amat. Herb.
X: 212. Aug. 1942 in Bot. Mag. Tokyo 56: 508. 1942.

Presumably based on *Arundinaria yamakitensis* Makino but genus not validly published.

Nipponocalamus akasiensis (Koidzumi) Nakai, Journ. Jap.
Bot. 18: 352. 1942.

Based on *Fleiblastus akasiensis* Koidzumi

Japan: prov. Harima... (lg. H. Muroi)"

Nipponocalamus argenteostriatus (Regel) Nakai, Journ.
Jap. Bot. 18: 350. 1942.

Based on *Bambusa argenteo-striata* Regel

"Maximowicz aus der Garten Japans."

Nipponocalamus argenteostriatus var. *distichus* (Mitford)
Nakai, Journ. Jap. Bot. 18: 351. 1942.

Based on *Bambusa disticha* Mitford

"B. nana Hort not Roxb." Cult.

Nipponocalamus argenteostriatus f. *purpurascens* (Nakai)
Nakai, Journ. Jap. Bot. 18: 351. 1942.

Based on *Fleiblastus communis* var. *purpurascens* Nakai

Japan. "Hondo: Prov. Yamashiro, Prov. Ise, Prov. Suwo. Mt. Hiei prov. Yamashiro (T. Makino, Typus in Herb. Imp. Univ. Tokyo.)"

Nipponocalamus argenteostriatus var. *tomentosus* (Nakai)
Nakai, Journ. Jap. Bot. 18: 352. 1942.

Based on *Fleiblastus communis* var. *tomentosus* Nakai

Japan. "Hondo, Prov. Suwô: Itayama urbis Yamaguchi (T. Nakai, typus in Herb. Univ. Imp. Tokyoensis)"

Nipponocalamus arundinarioides (Koidzumi) Nakai, Journ.
Jap. Bot. 18: 352. 1942.

Based on *Fleiblastus arundinarioides* Koidzumi

Japan "prov. Ise, Yokkaichi (K. Murata & G. Koidzumi!)"

Nipponocalamus asanoi (Nakai) Nakai, Journ. Jap. Bot.
18: 352. 1942.

Based on *Fleiblastus asanoi* Nakai

Japan. "Hondo. Prov. Awa: in urbe Kamogawa (Sadao, no. 12, typus in Herb. Univ. Imp. Tokyoensis)."

Nipponocalamus boshuensis (Koidz.) Honda, Nom. Plantarum Japonicarum (ed. emend.) 381. 1957.

Based on *Fleiblastus boshuensis* Koidz.

Japan

Nipponocalamus Chino (Franch. & Sav.) Nakai, Journ. Jap.
Bot. 18: 352. 1942.

Based on *Bambusa Chino* Franch. & Sav.

Japan "Yokosuka culta et efferata (Savater no. 1493 bis)."

Nipponocalamus Chino var. *Akebono* (Makino) Nakai, Journ.
Jap. Bot. 18: 353. 1942.

Based on *Arundinaria variegata* var. *akebono* Makino
"Japan. gardens rare"

Nipponocalamus Chino var. *gracilis* (Makino) Nakai,
Journ. Jap. Bot. 18: 353. 1942.

Based on *Arundinaria chino* var. *gracilis* Makino ex Tsuboi.

"T.Z.K. 28" = Tsuboi, Takeruzufa-Kaisetsu"
Japan

Nipponocalamus Chino var. *Laydekeri* (Bean) Nakai,
Journ. Jap. Bot. 18: 353. 1942.

Based on *Arundinaria laydekeri* Bean
received from England, cult. France

Nipponocalamus chino Nakai var. *nebulosus* (Makino)
Honda, Nom. Plantarum Japonicarum (ed. emend.) 381.
1957.

Based on *Fleiblastus nebulosa* Makino.
Japan

Nipponocalamus Chino var. *semitratus* (Nakai) Nakai,
Journ. Jap. Bot. 18: 353. 1942.

Based on *Fleiblastus chino* var. *semitratus* Nakai

"Honda, Prov. Musahi: Tokyo (T. Nakai, typus in Herb. Imp. Univ. Tokyo)."

Nipponocalamus dimorphophyllus (Koidzumi) Nakai, Journ.
Jap. Bot. 18: 354. 1942.

Based on *Fleiblastus dimorphophyllus* Koidzumi

"Japonia: prov. Awa, Saijohmura (S. Asano, no. 266.)"

Nipponocalamus diversus (Nakai) Nakai, Journ. Jap. Bot.
18: 354. 1942.

Based on *Fleiblastus diversus* Nakai

Japan. Hondo. Prov. Ise: in monte Asamayama (T. Nakai, Oct. 1932 typus)"

Nipponocalamus elongatus (Koidzumi) Nakai, Journ. Jap.
Bot. 18: 354. 1942.

Based on *Fleiblastus elongatus* Koidzumi

Japan. "prov. Yamashiro, Kyoto, ad Kibane, lg. Y. Araki."

Nipponocalamus episetosus (Nakai) Nakai, Journ. Jap.
Bot. 18: 354. 1942.

Based on *Fleiblastus episetosus* Nakai

Japan "Hondo. Prov. Uzen:.... (Sadao Asano no. 9. Aug. 1935--typus in Herb. Univ. Imp. Tokyo.)"

Nipponocalamus epitrichus (Koidzumi) Nakai, Journ. Jap.
Bot. 18: 354. 1942.

Based on *Fleiblastus epitrichus* Koidzumi

Japan "prov. Awa, Awagun, Minamiharamura (lg. S. Asano no. 7.)"

Nipponocalamus flaccidifolius (Koidzumi) Nakai, Journ. Jap. Bot. 18: 355. 1942.

Based on *Fleiblastus flaccidifolius* Koidzumi

"Nippon: prov. Yettsein, Kurehayama, ---Toyama (lg. Tasaku Otaya; no. 792)"

Nipponocalamus Fortunei (Van Houtte) Nakai, Journ. Jap. Bot. 18: 355. 1942.

Based on *Bambusa Fortunei* Van Houtte

"chez M. John Standish parmi les plantes que M. Robert Fortune lui avait rapportées de Chine."

Nipponocalamus gilvohirsutus (Koidz.) Honda, Nom. Plantarum Japonicarum (ed. emend.) 381. 1957.

Based on *Fleiblastus gilvohirsutus* Koidz.

Japan

Nipponocalamus gozadakensis (Nakai) Honda, Nom. Plantarum Japonicarum (ed. emend.) 381. 1957.

Based on *Fleiblastus gozadakensis* Nakai.

Japan

Nipponocalamus harimensis (Makino) Nakai, Journ. Jap. Bot. 18: 355. 1942.

Based on *Fleiblastus harimensis* Makino ex Koidz. [Koidz. cites Makino nom. nud.]

"Nippon: prov. Harima, Inamigun, Oniomura (lg. T. Makino!)"

Nipponocalamus higoensis (Makino) Honda, Nom. Plantarum Japonicarum (ed. emend.) 381. 1957.

Based on *Fleiblastus higoensis* Makino

Japan

Nipponocalamus Hisauchii (Makino) Nakai, Journ. Jap. Bot. 18: 356. 1942.

Based on *Fleiblastus chino* var. *hirsutus* Makino. This based on *Arundinaria Hisauchii* Makino

Japan

Nipponocalamus hodensis (Makino) Nakai, Journ. Jap. Bot. 18: 356. 1942.

Based on *Fleiblastus hodensis* Makino ex Koidzumi. Koidzumi cites Makino nom. nud.

Japan. "prov. Harima, Inamigun, Hoden." Makino in Hiogoken-Hakubutsugakkaishi, no. 4. (1932) p. 11."

Nipponocalamus hodensis var. *naucinopilus* (Koidz.) Honda, Nom. Plantarum Japonicarum (ed. emend.) 381. 1957.

Based on *Fleiblastus naucinopilus* Koidz.

Japan

Nipponocalamus humilis (Mitford) Nakai, Journ. Jap. Bot. 18: 356. 1942.

Based on *Arundinaria humilis* Mitford

Cult. England

Nipponocalamus igaensis (Nakai) Nakai, Journ. Jap. Bot. 18: 356. 1942.

Based on *Fleiblastus igaensis* Nakai

Japan. "Hondo: Prov. Iga in monte Aayamatôge. (F. Maekawa, typus in Herb. Imp. Univ. Tokyo.)"

Nipponocalamus ikarugaensis (Koidzumi) Nakai, Journ. Jap. Bot. 18: 356. 1942.

Based on *Fleiblastus ikarugaensis* Koidzumi

Japan. "prov. Tamba, Ikarugagun, Naka-kasibayashimura, (Y. Araki, no. 15557)."

Nipponocalamus inversus (Nakai) Nakai, Journ. Jap. Bot. 18: 356. 1942.

Based on *Fleiblastus inversus* Nakai

Japan. "Hondo, Prov. Suwei---Itayone urbis Yamaguchi (T. Nakai, typus in Herb. Univ. Imp. Tokyoensis)"

Nipponocalamus japonicus (Koidzumi) Nakai, Journ. Jap. Bot. 18: 359. 1942.

Based on *Fleiblastus japonicus* Koidzumi

Japan. "prov. Settsu, Togonakamachi (lg. N. U! no. 58)."

Nipponocalamus kinkiensis (Koidzumi) Nakai, Journ. Jap. Bot. 18: 357. 1942.

Based on *Arundinaria kinkiensis* Koidzumi

Japan. "prov. Yamashiro, Kyoto, Kurama, (lg. G. Koidzumi! Jan. 1935)"

Nipponocalamus kiusianus (Makino) Nakai, Journ. Jap. Bot. 18: 357. 1942.

Based on *Fleiblastus kiusianus* Makino

"Hab. Kyûshû (T. Makino! 1928)"

Nipponocalamus kiyosumisimomi (Koidz.) Honda, Nom. Plantarum Japonicarum (ed. emend.) 381. 1957.

Based on *Fleiblastus kiyosumisimomi* Koidz.

Japan

Nipponocalamus Kodzuma (Makino) Nakai, Journ. Jap. Bot. 18: 357. 1942.

Based on *Fleiblastus Kodzuma* Makino

"Hab. Kyûshû (T. Makino! 1928)"

see N. koidzumii l.c.

Nipponocalamus Koidzumii (Makino) Nakai, Journ. Jap. Bot. 18: 357. 1942.

Nakai gives separate synonymy from that given to N. Kodzuma

Based on *Fleiblastus Koidzumii* Makino ex Tasiro

see N. Kodzuma l.c.

Nipponocalamus kongosanensis (Makino) Nakai, Journ. Jap. Bot. 18: 357. 1942.

Based on *Fleiblastus kongosanensis* Makino, this based on *Arundinaria kongosanensis* Makino as syn. 1927.

Nipponocalamus koriyamensis (Nakai) Nakai, Journ. Jap. Bot. 18: 358. 1942.

Based on *Fleiblastus koriyamensis* Nakai

Japan: "Hondo, Prov. Iwasiro: Koriyama (Daikiti Hasi no. 24, typus in Herb. Mus. Sei. Tokyo no. 25; Akutu tractus Tamura (Daikite Hasi no. 11)."

Nipponocalamus kogisimonii (Koidzumi) Nakai, Journ. Jap. Bot. 18: 358. 1942.

Based on *Fleiblastus kogisimonii* Koidzumi

Japan. prov. Yetsigo, Karihagun, Karihamura, Kariha (Y. Ikegami 427)"

Nipponocalamus Kurokawai (Nakai) Nakai, Journ. Jap. Bot. 18: 358. 1942.

Based on *Fleiblastus kurokawai* Nakai

Japan. "Hondo, Prov. Iga: in urbe Uyeno (Takao Kurokawa, ---Oct. 1935, typus in Herb. Univ. Imp. Tokyoensis.)"

Nipponocalamus Kurokawai var. *pilosissimus* (Nakai) Nakai, Journ. Jap. Bot. 18: 358. 1942.

Based on "Fleiblastus Kurokawai var. *pilosissimus* Nakai"

Japan. "Hondo, Prov. Iga: in urbe Uyeno (Takao Kurokawa, Oct. 1935---typus in Herb. Univ. Imp. Tokyoensis)"

Nipponocalamus lanatus (Nakai) Nakai, Journ. Jap. Bot. 18: 358. 1942.

Based on *Fleiblastus lanatus* Nakai

Japan. "Kiusiu: Prov. Higo: Kawamura (K. Mayebara no. 305; typus in Herb. Imp. Univ. Tokyo.)"

Nipponocalamus lasiochlamys (Nakai) Nakai, Journ. Jap. Bot. 18: 358. 1942.

Based on *Fleiblastus lasiochlamys* Nakai

Japan. "Hondo: Prov. Musashi: oiroa templum Heirin-ji, Nobitome (F. Maekawa no. 4152, typus in Herb. Imp. Univ. Tokyo)"

Nipponocalamus latichino (Koidzumi) Nakai, Journ. Jap. Bot. 18: 358. 1942.

Based on *Fleiblastus latichino* Koidzumi

Japan---"prov. Iwasiro: Kawanumagun, Mozamawashi, et prov. Iwaki: ad ---Shirakawamachi (lg. Tejiro Susuki!)"

Nipponocalamus lentiginosus (Koidzumi) Nakai, Journ. Jap. Bot. 18: 358. 1942.

Based on "Fleiblastus lentiginosus Koidzumi...ut lentiginosus"

Japan. "Prov. Hida, Omi, Yamasiro, Settsu, Tamba, Aki et Igo."

Nipponocalamus longaevus (Koidzumi) Nakai, Journ. Jap. Bot. 18: 359. 1942.

"Fleiblastus longaevus Koidzumi" cited as syn. "Hab. Nippon: Kyoto"

Nipponocalamus longifolius (Nakai) Nakai, Journ. Jap. Bot. 18: 359. 1942.

Based on *Fleiblastus longifolius* Nakai

Japan. "Hondo, Prov. Iwaki---Shirasakamura (S. Suzuki, typus in Herb. Univ. Imp. Tokyoensis)"

Nipponocalamus Masamuneanus (Makino) Nakai, Journ. Jap. Bot. 18: 359. 1942.

Based on *Fleiblastus masamuneanus* Makino

Japan: Prov. Ōsumi: Yakushima---Ōenkei Masamune! 1928."

Nipponocalamus Matsunoi (Makino) Nakai, Journ. Jap. Bot. 18: 359. 1942.

Based on *Fleiblastus matsunoi* Nakai ex Makino & Nemoto (1931)

op. cit. Nakai 10: 276. 1934, descr.

Yokohama (T. Makino)

Nipponocalamus mayumianus (Koidzumi) Nakai, Journ. Jap. Bot. 18: 359. 1942.

Based on *Fleiblastus mayumianus* Koidzumi.

Japan. "prov. Yamashiro. Mayumi"

Nipponocalamus molissimus (Koidzumi) Nakai, Journ. Jap. Bot. 18: 360. 1942.

Based on *Fleiblastus molissimus* Koidzumi

Japan---"Prov. Harima: Akogun, Unemura. Prov. Tomba, Miya."

Nipponocalamus multifolius (Nakai) Nakai, Journ. Jap. Bot. 18: 360. 1942.

Based on *Fleiblastus multifolius* Nakai

Japan. "Hondo: Prov. Sagami: Chōdajagaski Momiyama, typus in Herb. Imp. Univ. Tokyo."

Nipponocalamus muroianus (Koidzumi) Nakai, Journ. Jap. Bot. 18: 360. 1942.

(Copied from Bot. Mag. Tokyo 56: 511. 1942)

Based on *Fleiblastus muroianus* Koidzumi

Japan. "prov. Harima, Akogun, Minoyama (lg. H. Muroi!)"

Nipponocalamus nagashima (Marliac ex Mitford) Nakai, Journ. Jap. Bot. 18: 360. 1942.

Based on *Bambusa nagashima* Marliac ex Mitford
Cult. England?

Nipponocalamus nakashimai (Koidzumi) Nakai, Journ. Jap. Bot. 18: 360. 1942.

Based on *Fleiblastus nakashimai* Koidzumi

Japan "Kyushu: prov. Chikuzen, insl. Shirashima (lg. Y. Nabeshima! 2 Oct. 1932)

Nipponocalamus nakashimai var. *supraglaber* (Koidzumi) Nakai, Journ. Jap. Bot. 18: 360. 1942.

Based on *Fleiblastus nakashimai* var. *supraglaber* Koidzumi

Japan---"Kyushu: prov. Chikuzen---(lg. K. Nakashima 64, 65); ---K. Nakashima 4); ---K. Nakashima 5); Higo ---Iohibu---K. Mayebara.)

Ranges: Hondo: prov. Settsu---(lg. N. Ui, no 41.)"

Nipponocalamus naucinopilus (Koidzumi) Nakai, Journ. Jap. Bot. 18: 360. 1942.

Based on *Fleiblastus naucinopilus* Koidzumi

Japan "prov. Harima"

Nipponocalamus ohmiensis (Koidzumi) Nakai, Journ. Jap. Bot. 18: 361. 1942.

Based on *Fleiblastus ohmiensis* Koidzumi

Japan---"prov. Ohmi: Kanzakigun, Misonomura"

Nipponocalamus permirus (Koidz.) Honda, Nom. Plantarum Japonicarum (ed. emend.) 382. 1957.

Based on *Fleiblastus permirus* Koidz.

Japan

Nipponocalamus praeteritus (Koidzumi) Nakai, Journ. Jap. Bot. 18: 361. 1942.

Based on *Fleiblastus praeteritus* Koidzumi

Japan---"Prov. Settsu, Akashigun, Tamatsumura; Prov. Tango, Kasumimati."

Nipponocalamus protrusus (Koidzumi) Nakai, Journ. Jap. Bot. 18: 361. 1942.

Based on *Fleiblastus protrusus* Koidzumi

Japan "Kyoto"

Nipponocalamus pseudo-communis (Muroi) Honda, Nom. Plantarum Japonicarum (ed. emend.) 382. 1957.

Based on *Fleiblastus pseudo-communis* Muroi.

Japan

Nipponocalamus pseudogracilis (Koidzumi) Nakai, Journ. Jap. Bot. 18: 361. 1942.

Based on *Fleiblastus pseudogracilis* Koidz.

Japan---"prov. Kadsusa; Choseigun, Taitohaura."

Nipponocalamus pseudolinearis (Koidzumi) Nakai, Journ. Jap. Bot. 18: 361. 1942.

Based on *Fleiblastus pseudolinearis* Koidzumi

Japan---"prov. Mino: ad oppidum Gihu."

Nipponocalamus pseudosimonii (Koidzumi) Nakai, Journ. Jap. Bot. 18: 363. 1942.

Based on *Fleiblastus pseudosimonii* Koidzumi

Japan---"prov. Kii, Tosa, Iyo, Buzen, Bungo, Chikuzen, Chikugo, Higo, Onsumi, et insula prov. Iki."

Nipponocalamus pumilus (Mitford) Nakai, Journ. Jap. Bot. 18: 361. 1942.

Based on *Arundinaria pumila* Mitford

Cult. England

Nipponocalamus pygmaeus (Miquel) Nakai, Journ. Jap. Bot. 18: 362. 1942.

Based on *Bambusa pygmaea* Miquel

"Siebold---in horto bogoriensi Java"

Nipponocalamus ramosissimus (Nakai) Nakai, Journ. Jap. Bot. 18: 363. 1942.

Based on *Fleiblastus ramosissimus* Nakai

Japan---"Hondo, Prov. Hida: Takayama (J. Sugimoto no. 27085, typus Herb.---Univ. Imp. Tokyoensis."

Nipponocalamus ryokeana (Koidzumi) Nakai, Journ. Jap. Bot. 18: 363. 1942.

Based on *Fleiblastus ryokeana* Koidz.

Japan---"prov. Mikawa, Minamisidaragun, Nagasimomura, Kitayama."

Nipponocalamus sadawoanus (Koidzumi) Nakai, Journ. Jap. Bot. 18: 363. 1942.

Based on *Fleiblastus sadawoanus* Koidzumi, Acta Phytotax. Geobot. 10(1), 63. 1941.

Japan---"prov. Kita-miharamura (S. Anaso, no. 262)" [named for "Sadawo Asano"]

Nipponocalamus sadoensis (Makino in Koidzumi) Nakai, Journ. Jap. Bot. 18: 363. 1942.

Based on *Fleiblastus sadoensis* Makino ex Koidzumi

Japan: "insula prov. Sada Makino in Herb. Muramat-suano"

Nipponocalamus shibuyanensis (Makino) Nakai, Journ. Jap. Bot. 18: 364. 1942.

Based on *Fleiblastus shibuyanensis* Makino ex Nakai

Japan---"Hondo: Tokyo, Shibuya (K. Hisauchi, typus in Herb. Imp. Univ. Tokyo)"

Nipponocalamus Simonii (Carr.) Nakai, Journ. Jap. Bot. 18: 364. 1942.

Based on *Bambusa Simonii* Carr.---"été envoyée de la Chine au Muséum par M. E. Simon"

Nipponocalamus Simonii var. *variegatus* (Hook.f.) Nakai, Journ. Jap. Bot. 18: 364. 1942.

Based on *Arundinaria Simonii* var. *variegatus* Hook.f.

"grown by Mr. Paul---at Cheshunt---procured from France from M. Samaurez" "native of Japan."

Nipponocalamus tanegasimensis (Makino & Koidz.) Nakai, Journ. Jap. Bot. 18: 366. 1942.

Based on *Fleiblastus tanegasimensis* Makino & Koidz.

Japan---Kyusiu: Prov. Onsumi, insl.

Tanegashima, Nishino-omote (lg. Z. Tashiro! 30 Dec. 1922)"

Nipponocalamus tosaensis (Koidzumi) Nakai, Journ. Jap. Bot. 18: 366. 1942.

Based on *Fleiblastus tosaensis* Koidzumi

Nipponocalamus tsukubensis (Nakai) Nakai, Journ. Jap. Bot. 18: 366. 1942.

Based on *Fleiblastus tsukubensis* Nakai

Japan---"Hondo: in monte Tsukuba prov. Hitachi (K. Hisauchi, typus in Herb. Imp. Univ. Tokyo)"

Nipponocalamus usuiensis (Nakai) Nakai, Journ. Jap. Bot. 18: 366. 1942.

Based on *Fleiblastus usuiensis* Nakai

Japan---"Hondo, Prov. Shinano---Usui (H. Hara, typus in Herb.---Univ. Imp. Tokyoensis)"

Nipponocalamus uyenoensis (Nakai) Nakai, Journ. Jap. Bot. 18: 366. 1942.

Based on *Fleiblastus uyenoensis* Nakai

Japan...Hondo, Prov. Iga: Uyeno (Takeo Kurokawa, sine numero, Oct. 1935,---typus in Herb. Univ. Imp. Tokyo."

Nipponocalamus vaginatus (Haak.) Nakai, Journ. Jap. Bot. 18: 366. 1942.

Based on *Arundinaria vaginata* Haak.

Japan --"Coll. Matsumura: in monte Hakone, prov. Sagami."

Nipponocalamus vaginatus f. *variegatus* Nakai, Journ. Jap. Bot. 18: 367. 1942.

Cites: "Icon. Somoku Kinyosyu IV fol. 5 verso. (1928)"

No locality nor basis given, unless in Japanese

Nipponocalamus virens (Makino) Nakai, Journ. Jap. Bot. 18: 367. 1942.

Based on *Fleiblastus virens* Makino

"Japan, northern, wild or planted (T. Makino! 1927)"

Nipponocalamus virens nebulosus (Makino) Nakai, Journ. Jap. Bot. 18: 367. 1942. trinomial

Based on *Fleiblastus nebulosus* Makino

Japan---"Prov. Rikuchū: Kuroishi-mura in Esashi-gun, planted in yard of Shōhōji, a temple (Shigetaro Uchida!)"

Nipponocalamus virens var. *purpurascens* (Nakai) Nakai,
Journ. Jap. Bot. 18: 367. 1942.

Based on *Fleiblastus purpurascens* Nakai

Japan "Hondo, Prov. Rikuhu: in urbe Saemayamaohi
(S. Uchida, typus in Herb. Imp. Univ. Tokyo.)"

Nipponocalamus virens var. *tenuifolius* (Makino) Nakai,
Journ. Jap. Bot. 18: 367. 1942.

Based on *Fleiblastus virens* var. *tenuifolius* Makino

Japan "Prov. Mutsu: near Same (T. Makino! 1927);
Prov. Rikuhu: Morioka (T. Makino! 1928)"

Nipponocalamus xestophyllus (Koidzumi) Nakai, Journ.
Jap. Bot. 18: 368. 1942.

Based on *Fleiblastus xestophyllus* Koidzumi

Japan "Nippon: Kyoto."

Nipponocalamus yakusimensis (Nakai) Nakai, Journ. Jap.
Bot. 18: 368. 1942.

Based on *Fleiblastus yakusimensis* Nakai

Japan "Kiusiu: Kurio oppidi Shimoyaku in insula
Yakushima prov. Osumi (Y. Doi, typus in Herb. Imp.
Univ. Tokyo.)"

Nipponocalamus Yamadorianus (Muroi) Honda, Nom.
Plantarum Japonicarum (ed. emend.) 382. 1957.

Based on *Fleiblastus yamadorianus* Muroi.

Japan

Nipponobambusa yamakitensis (Makino) Muroi in Anat.
Herb. 10: 212. 1942.

(Copied from Bot. Mag. Tokyo 56: 508. 1942)

Based on *Arundinaria yamakitensis* Makino

Japan--"Prov. Sagami: Yamakita, hillside (T. Makino!
Jan. 20, 1921)"

Nipponocalamus yasuiianus (Koidzumi) Nakai, Journ. Jap.
Bot. 18: 368. 1942.

Based on *Fleiblastus yasuiianus* Koidzumi

Japan---"prov. Kii, Mt. Segiyama"

Nipponocalamus yasuoensis (Nakai) Nakai, Journ. Jap.
Bot. 18: 368. 1942.

Based on *Fleiblastus yasuoensis* Nakai

Japan---"Hondo, Prov. Shinano:---Yasuoka (J. Sugimoto,
no. 1832, typus in Herb.--Univ. Imp. --Tokyoensis)"

Nipponocalamus Yoshidaeki (Nakai) Honda, Nom. Plantarum
Japonicarum (ed. emend.) 382. 1957.

Based on *Fleiblastus yoshidaeki* in "Rikakyōiku" 15.
1932. p. 70.

Japan

Nipponocalamus zifukuensis (Nakai) Honda, Nom. Planta-
rum Japonicarum (ed. emend.) 382. 1957.

Based on *Arundinaria zifukuensis* Nakai.

Japan

Nipponocalamus zyg[om]eris (Koidzumi) Nakai, Journ. Jap.
Bot. 18: 368. 1942.

Presumably based on *Fleiblastus zygom[er]is* Koidzumi

Japan "Nippon: Kyoto"

Notholous lanatus (L.) Nash ex Hitchc. in Jepson, Fl.
Calif. 1: 126. 1912.

Based on "*Holcus lanatus* L."

Europe

= *Holcus lanatus*

Man. U. S.

Notholous lanatus (L.) Nash in Britten & Brown,
Illustr. Fl. ed. 2. 1: 214. 1913.

Based on *Holcus lanatus* L.

Europe

= *Holcus lanatus* L.

Man. U. S.

Notholous mollis (L.) Hitchc. Amer. Journ. Bot.
2: 304. 1915.

Based on "*Holcus mollis* L."

Man. U. S.

Notholous microdon Domin, Fedde, Rep. Nov. Sp.
10: 117. 1911.

"*Triraphis* ? *microdon* Benth."

N. S. Wales. Blue Mts. C. Moore

Notonema agrostoides Raf. ex Merrill, Index Rafinesq.
76. 1949. error for *N. arachnoides*

Letter from Merrill "my error! So I suppose that
you will have to cite Raf. ex Merr. etc. in
synonymy."

= *Agrostis arachnoides* Ell.

Man. U. S.

South Carolina

Notonema arachnoides (Raf. Neogenyt 4 1825) Jacks,
Ind. Kew. 2: 319. 1894.

= *Agrostis elliottiana*

Man. U. S.

Orangeburg, South Carolina

Nowodworskya agrostoides Presl, Rel. Haenk. 1, 351.
1830.

Hab. in Peruviae montanis huanocensibus

= *Polypogon elongatus* H.B.K. Nov. Gen. et Sp. 1: 134
(1815) Not Lagasoa (1816).

Nowodworskya fugax (Nees) Nevski, Act. Inst. Bot. Acad.
Sci. U.R.S.S. Fasc. 4: 339. 1937.

Based on *Polypogon fugax* Nees

Nepal Asia

Nowodworskya imberbis Phil. Anal. Univ. Chil.
48: 562. 1873.

"Hallé esta grama en la isla de Juan Fernandez a
orillas del mar en el puerto del Inglés."

= *Polypogon imberbis* (Phil) Pilger

Chili

Nowodworskya semiverticillata (Forsk.) Nevski, Act. Inst.
Bot. Acad. Sci. U.R.S.S. Fasc. 4: 339. 1937.

Based on *Phalaris semiverticillata* Forsk.

(*Polypogon semiverticillatus* (Forsk.) Hyland.)

= *Agrostis semiverticillata* (Forsk.) C. Christ.

Egypt.

Nowodworskya verticillata (Vill.) Nevski, Acta Inst.
Bot. Acad. Sci. U.R.S.S. I. 3: 143. 1936.

Based on *Agrostis verticillata* Vill.

= *A. semiverticillata* (Forsk.) C. Christ.

Ochlandra beddomei Gamble in Hook.f. Fl. Brit. Ind.
7: 419. Dec. 1896; Ann. Bot. Gard. Calcutta
7: 124. 1896.

"Nilghiri Hills; in the Wynad district, Beddome."
India

Ochlandra brandisii Gamble in Hook.f. Fl. Brit. Ind.
7: 420. Dec. 1896; Ann. Bot. Gard. Calcutta 7: 126.
1896.

"Tinnevely Ghats; at Courtallam, Wight, Brandis."

[for Fischer's opinion of correct name see card for
O. wightii (Munro) C.E.O. Fisch.]

India

Ochlandra capitata (Kunth) E. O. Camus, Bamb. Monogr.
183. 1913.

Based on "*Nastus capitatus* Kunth"

"Madagascar (Aub. du-Petit-Thouars)"

Ins. Bourbon

Ochlandra ? *elegantissima* (Hassk.) E. O. Camus, Bamb.
Monogr. 184. 1913.

"Beesha elegantissima Kurz...Bambusa elegantissima
Hassk." cited.

Ochlandra Ferrieri Camus, Bull. Soc. Bot. France
82: 310. 1935.

"Madagascar occident. bois secs à Andrafiomena (Ferrier
de la Bâthie, no. 11,283)."

Ochlandra rheedii (Kunth) Benth. in Hook.f. Fl. Brit.
Ind. 7: 418. 1896; Benth. Ann. Bot. Gard. Calcutta
7: 121. pl. 107. 1896.

Based on *Beesha Rheedii* Kunth

[see letter to A.S.H. 1935, on Fl. Madras, p. 1863.
"Ochlandra Rheedii Benth...see note on back of
O. scriptoria C.E.C. Fischer card.]

East Indies

Ochlandra rheedii var. *sivagiriensis* Gamble, Ann. Bot.
Gard. Calcutta 7: 122. 1896.

"Sivagiri Hills."

India

Ochlandra ridleyi Gamble in Hook.f. Fl. Brit. Ind.
7: 420. Dec. 1896; Ann. Bot. Gard. Calcutta 7: 127.
1896.

"Singapore, Ridley & Feilding."

Asia

Ochlandra scriptoria (Dennst) C. E. C. Fisch. in Gamble,
Fl. Pres. Madras 10: 1863. 1934; Kew Bull. Misc.
Inf. 1935: 149. 1935.

Fisch. bases this on *Bambusa scriptoria* Dennst.
See expl. pasted in his flora.

Ochlandra scriptoria var. *sivagiriensis* (Gamble) C.E.C.
Fisch. in Gamble, Fl. Pres. Madras 10: 1863. 1934.

Based on O. Rheedii var. sivagiriensis Gamble

India

Ochlandra setigera Gamble in Hook.f. Fl. Brit. Ind.
7: 420. Dec. 1896; Gamble, Ann. Bot. Gard. Calcutta
7: 128. 1896.

"Nilghiri Hills; ravines above Oudalur....Gamble."

India

Ochlandra sivagiriensis (Gamble) E. G. Camus, Bamb.
Monogr. 181. 1913.

Based on "O. Rheedii var. Sivagiriensis Gamble."
Sivagiri Hills, India

Ochlandra stridula Thwaites, Enum. Fl. Zeyl. 376. 1864.

Based on "Bambusa stridula Moon's Cat. p. 26."
[nom. seminud]

Type of the genus "C.P. 241. 429?"
Ceylon

Ochlandra stridula var. *maculata* (Trimen) Gamble, Ann.
Roy. Bot. Gard. Calcutt. 7: 124. 1896.

Based on *Tenostachyum*? *maculatum* Trimen

---"districts of Ambagamuwa, Ruwanwelle,"---coll. on
Galbode Tea Estate, Dec. 1883 by C. J. Ferguson

"forming jungle in several places in districts of
Ambagamuwa, Ruwanwelle and regions to the southwest of
Adam's Peak. First collected by C. J. Ferguson on
Galbode Tea Estate---Trimen says that specimens
planted in Royal Garden at Peradeniya "have nearly
lost the mottling of their stems and they will not
flower."

Ochlandra talboti Brandis, Indian Trees 684. 1906.

"North Kanara,"
India

Ochlandra travancorica (Beddome) Benth. ex Gamble, Ann.
Bot. Gard. Calcutt. 7: 125. pl. 111. 1896.

"Beesha travancorica Beddome"
India

Ochlandra travancorica var. *hirsuta* Gamble, Ann. Bot.
Gard. Calcutt. 7: 126. 1896.

"Collected in 1869 by Beddome in the Travancore Hills;"
India

Ochlandra wightii (Munro) C.E.C. Fisch. in Gamble, Fl.
Pres. Madras 10: 1864. 1934; Kew Bull. Misc. Inf.
1935: 149. 1935.

Based on *Bambusa wightii* Munro

"Ind. or. Courtallum, no. 1009; Malabar, 117; 13461
Wight v.s."

India

see Fl. Madras p. 1864 and McClure card

Odontelytrum abyssinicum Haak. Oestr. Bot. Zeit 48: 86.
1898. (see Stapf Hook. Icon. 31: pl. 3074. 1916
for explanation of involucre and figure.)

"Habitat in stagnis inter Gaffat et Dewra Tabor in
planitie alta Digai-Meda dicta Abyssiniae. (Alt.
2700 m.) Anno 1863 leg. Schimper."

Abyssinia

Olysea jaegeri (Pilg.) Robyns & Tournay, Fl. Spermat.
Parc. Nat. Albert 3: 166. 1955.

Based on *Diplachne jaegeri* Pilg.
Africa

Olysea mucronata (Forsk.) Stapf in Hook.f. Icon. Fl.
31: 3100. 1922.

Based on *Festuca mucronata* Forsk.
Arabia

Olysea paucinervis (Nees) Stapf in Hook.f. Icon. Fl.
31: 3100. 1922.

Based on
Diplachne paucinervis Stapf [publ. by Haak. 1896,
based on *Daotylin paucinervis* Nees]

"ad ostium fluvii Olifentrivier (Drège)"
So. Africa

Oedipachne punctata Link, Hort. Berol. 1: 51. 1827.

Based on *Milium punctatum* L.

Jamaica

= *Eriochloa punctata* (L.) Desv. Man. U. S.

Olyra arundinacea H.B.K. Nov. Gen. & Sp. 1: 197. 1816.

"Crescit in crepidinibus opacatis Andium Quinduenium
prope El. Azufra. (Regno Novogran.)"

Colombia Humb. & Bonpl.

= *O. latifolia* Man. U. S.

T.

Olyra axillaris Lam. Encycl. 4: 547. 1797.

"Lam. illust. t. 751. f. 2. 1823. "A Caienne" +
Richard. (v.s.)"

[= *O. pauciflora* Sw. cited as syn.]

In text Lam. illust. 3: 344. (1823) "Diot. no. 2" is
cited, plates must have been published or at least
printed between these two dates.

Fl. 751. f. 2 represents upper part of culm with 7
blades, infl. from 2 of the sheaths; spikelets have
truncate-ovulate fruit.

Antille

Lithachne pauciflora (Sw.) Beauv.

Man. W. I.

Olyra Blanchetii Mez, Notizbl. Berlin-Dahlem 7: 46.
1917.

"Brasilia, Bahia, loco accuratiores non indicato
(Blanchet n. 2730)."
U.S.

Olyra brasiliensis (Bertol.) Spreng. Syst. Veg. 4: Cur.
Post 29. 1827.

Based on "Raddia brasiliensis Bertoloni. opusc.
scient vol. 3 p. 410."

Brazil

= *Raddia brasiliensis*

Olyra brasiliensis Desv. Opusc. 106. 1831. Not Spreng.
1827.

"Ex Brasilia" No reference to *O. brasiliensis*
Spreng. (1827) nor *Raddia brasiliensis* Bertol 1819.

Brazil

T = *cordifolia*

Olyra brevifolia Schum. Beskr. Guin. Fl. 402 [pt. 2:176]
1827.

No loc. given

[Guinea, Africa---Thomning and other Danish
botanists--from title]

T = *O. latifolia* Africa

Olyra Buchtienii Haak. Repert. Nov. Sp. Fedde
11: 20. 1912.

"Bolivia: In silvis ad San Carlos prope Mapiri,
750 m s. m., 1907, leg. Dr. O. Buchtien no. 1152."

T

Andes Grasses

Olyra capillata Trin. Mém. Acad. St. Pétersb. VI. Sci.
Nat. 1: 114. 1834.

Based on "Olyra floribunda Trin. Diss. II p. 250
(non Raddi)"

O. floribunda Diss II. 250. "V. spp. Brasil. (Langsdorff)
Trin. Gram. Icon. 3: 341.

spikelets from type of β segregata in Nat. Herb.
A.S.H. 2: 158.

Brazil

Olyra capillata var. *segregata* Doell. in Mart. Fl.
Bras. 2: 318. 1877.

"Bullão" (Riedel n. 850)." Brazil

T U.S.

Olyra caudata Trin. Linnaea 10: 292. 1836.

"Peruvia, in sylvis densis, Tooahe." [Poeppig]

Spikelets from Type in Nat. Herb. --A.S.H. 2: 157.

Peru

Olyra ciliatifolia Raddi, Agrost. Bras. 19. 1823

"prope Rio-Janeiro" Raddi.

Brazil

Olyra concinna Hook.f. Bot. Mag. t. 7460. Ser. 3.

52: tab. 7469. 1896. [or Vol. 122 of whole work]

Grown at Royal Gardens, Kew, from C. Winkle from
San José, Costa Rica.--flowered in Jan. 1895.

Native of Costa Rica

= *Cryptochloa concinna* (Hook.f.) Swallen

Olyra corcovadensis Wawra, Bot. Ergeb. Maxim. Bras. 180

pl. 95. 1866 "Corcovado an feuchten schattigen

Orten; Wwr. u. Maly coll. n. 504"

= *O. glaberrima* Raddi.

Olyra cordifolia Willd. Schlechtend. Berl. Mag. Ges.

Naturf. Freunde. 148. 1814---error for 144. 1818

see *O. cordifolia* H.B.K.

Olyra cordifolia H.B.K. Nov. Gen. et Sp. 1: 198. 1816.

"Crescit in convalle frigida Bogotensi inter Santa
Fe et Zipaquira." Humb. & Bonpl.

[Nees (Agras. Bras.) and Doell (Mart. Fl. Bras.) give
Willd. as author of *O. cordifolia*. In Schlechtendahl
Berlin, Gesellschaft Natur. Freunde Mag. 8: 148. 1818
which Nees & Doell cite, "Willd." is given as
authority but evidently by mistake since (p. 144)
Schlechtendahl mentions that Humboldt & Bonpland have
3 new species of this genus, namely *O. micrantha*,
cordifolia and *longifolia*. The other two mentioned
have Willd. after the names (p. 147, 148.)

T

Colombia

Olyra cordifolia var. *scabriuscula* Doell in Mart. Fl.
Bras. 2: 317. 1877.

"A beato Martio in silvis provinciae Minarum lecta."

T

Olyra cuneatifolia Desv. Opusc. 106. 1831.

"Reperitur in Brasilia."

T = *ciliatifolia*

Olyra dimidiata Hochst ex Steud. Syn. Fl. Glum. 1: 36.

1854 "(Hrbr. Hostm. nr. 786a) "Surinam"

T = *caudata*

Olyra d'Urvillei Doell. in Mart. Fl. Bras. 2: 323.
1877; in syn. sub *O. micrantha*

Olyra ecaudata Doell in Mart. Fl. Bras. 2: 326. 1877.

"In Guiana gallica (Leprieur n. 547)"

T

Olyra fasciculata Trin. in Mém. Acad. St. Pétersb. VI.
Sci. Nat. 1: 113. 1834.

"V. spp. Bahiens."

Brazil

T Pohl det Doell

Olyra filiformis Trin. in Mém. Acad. St. Pétersb. VI.

Sci. Nat. 1: 115. 1834. "V. spp. Bahiens"

Brazil

In Nat. Herb. - spikelets from type A.S.H. 2: 157
Riedel 162, 183.

Olyra flaccida Doell in Mart Fl. Bras. 2: 326. 1877.

"In regione Amazonica superiore prope Panurá ad
Rio Uaupés (R. Spruce n. 2649).

Brazil

Olyra floribunda Raddi, Agrost. Bras. 20. 1823. "ad
radioem Montis Corcovado, nec alibi."

"Raddia brasiliensis Bert. opusc. Scientif. de
Bologna 1819. T. III. p. 40." cited.

Brazil

T = Raddia brasiliensis Bertol.

Olyra floribunda "Raddi" Trin. [misapplied by] Gram.

Pan. 250. 1826. Not Raddi, 1823.

= *O. capillata* Trin. is based on this.

Brazil

Olyra floribunda var. *microphylla* Doell. in Mart. Fl.

Bras. 2: 329. 1877.

"a cl. Leprieur in Guiana gallica lecta, in Brasilia
adhuc quaerenda."

T Raddia

Olyra glaberrima Raddi, Agrost. Bras. 19. 1823.

"Invenitur in Monte-municipato Corcovado non procul
ab Urbe Rio de Janeiro."

T Brazil

Olyra glaberrima var. *humilis* (Nees) Mez in Herb.

Regnell. Ekman, Arkiv för Botanik Svensk. vet. akad.
11: 28. 1912.

"sub nomine *Olyras humilis* Nees."

T Sellow. Brazil

Olyra glauca Schomb. Faun. et Fl. Brit. Guian. 1057.

1848. nom. nud.

British Guiana

Olyra guineensis Steud. Syn. Fl. Glum. 1: 37. 1854.

"Jardin legit in Ins. Principis Guineae."

West Coast Africa island

Olyra heliconia Lindm. Svensk. Vet. Akad. Handl. Bd. 34.

No. 6: 11. pl. 6. 1900.

"Hab. in Brasilia centr., Matto Grosso, Matto do
Curupira, in silva primaeva.---Exp. I Regnell.,
A, 3017" Lindman.

spikelets from type in Nat. Herb. A.S.H. 3: 42

Olyra hirsuta Trin. Gram. Panio. 250. 1826.

"Brasill. (Langsdorff)"

= *O. micrantha*

Olyra hirsuta var. *densior* Trin. ex Nees, Agrost. Bras.

303. 1829, as syn. of *O. ventricosa* Nees

"Trin. in litt."

Brazil

Olyra hoehnei Pilger, Repert. Nov. Sp. Fedde

18: 122. 1922.

"Brasilien: Minas, Serra do Caraca (F. C. Hoehne
no. 5031--Januar 1921)."

T

= Raddia

Olyra humilis Nees, Agrost. Bras. 304. 1829.

"Habitat ad ripas Taguari fluminis (Sellow. (Vidi
in Herb. Reg. Berol.)

Brazil

T

Olyra humilis var. *angustifolia* Doell in Mart. Fl.

Bras. 2: 321. 1877.

Brazil

"A cl. Riedel (n. 1938) in umbrosis siccis prope
S. Carlos prov. S. Pauli lecta."

T

Olyra humilis var. *latifolia* Doell in Mart. Fl. Bras.

2: 321. 1877.

"prope Melaponte prov. Goyazensis (Pohl n. 1050);...
Rio de Janeiro (Martius, Lund), nec non ad Taguari
fluminis ripas (Sello) et in Sanctae Catharinae
insula (D'Urville, Gaudichaud n. 94.)"

Brazil

Olyra juruana Mez, Notizbl. Berlin-Dahlem 7: 45. 1917.

"Brasilia: Dept. Amazonas ad flumen Jurua prope
Minas Geraes (Ule n. 5462)."

T

Olyra Kegelii Mez, Bot. Jahrb. Engl. 56: Beibl. 125: 6.

1921.

"Holl. Guyana (Kegel n. 251)."

[Dutch Guiana]

T

Olyra lancifolia Mez, Notizbl. Berlin-Dahlem 7: 45.

1917.

"Brasilia, Dept. Amazonas ad flumen Jurua prope
Fortaleza (Ule n. 5951)."

T

Olyra lateralis (Presl) Chase, Proc. Biol. Soc.

Washington 21: 179. 1908.

Based on *Panicum laterale* Presl. 1830. Not Nees
Peru, Haenke 1829.

= *Olyra sarmentosa* Doell 1877.

Olyra latifolia L. Syst. Nat. ed. 10. 2: 1261. 1759.

Olyra latifolia Sloan. Jam. t. 64. f. 2.
[species not described]; Amer. Acad. 5: (Fugill. Jam.
pl.) 408. 1759, *O. latifolia* described.

Man. U.S.

Jamaica

Olyra latifolia var. *arundinacea* Griseb. Fl. Brit.

W. Ind. 535. 1864.

Based on "*Olyra arundinacea* Trin." [error for H.B.K.]

"Antigua! Wulfschl."

Olyra latifolia var. *glabriuscula* Doell in Mart. Fl.

Bras. 2: 316. 1877.

"*Olyra arundinacea* H.B.K.---1: 197." cited.

no specimen cited

Olyra latifolia var. *pubescens* Doell in Mart. Fl. Bras.

2: 316. 1877.

Based on "*Olyra pubescens* Raddi, Agr. Bras. 18: 46
authentic specimen from Raddi seen by Doell]"

"---prope Rio de Janeiro, Raddi"

Olyra latifolia var. *vestita* Henr. Koninkl. Ver.

Indisch Inst. Amsterdam 30: 321. 1948.

Suriname R., Berg en Dal (Poeke n. 358)

Olyra longifolia H.B.K. Nov. Gen. & Sp. 1: 198. 1816.

"Crescit in humidis Guyanae ad ripas fluminis
Guaviare, prope San Fernando de Atabapo et in sylvis
Orinocensibus prope Santa Barbara."

Venezuela

T

Olyra longifolia Hochst. ex Steud. Syn. Fl. Glum 1: 36.

1854, as syn. sub *O. obliquifolia* Steud. Not H.B.K.

= *O. obliquifolia* Steud.

Surinam

Olyra longifolia var. *grandifolia* Doell in Mart. Fl.

Bras. 2: 325. 1877.

"in Brasilia a cl. Riedel (n. 934), a cl. Wulfschlae-
gel in Guiana batava lecta (n. 591, 1152, et 1153)."

[= Surinam]

Olyra longifolia var. *parvifolia* Doell in Mart. Fl.

Bras. 2: 325. 1877.

Brazil

"in vicinia provinciae Mandos do Alto Amazonas a cl.
R. Spruce lecta (n. 880 et 1145, nomine *Olyras*
acutinodeae in ejus herbario signata).

drawing of type (Spruce 880) in Types

Olyra Loretensis Mez, Notizbl. Berlin-Dahlem 7: 47.

1917.

"Peruvia, Dept. Loreto, prope Leticia in silvis
(Ule n. 6224)."

T

Olyra Luetzelburgii Pilger, Notizbl. Bot. Gart. Berlin

10: 1049. 1930.

"Nord-Brasilien: Igarapé, Caicoan; auf Sand (Oktober
1927-v. Luetzelburg [Brasilianische Grenzexpeditionen
General Bonin] no. 21354."

T

aff. *Olyra lateralis*

Olyra malaccensis Wall. Cat. n. 3540 B. 1831.

List

= *Scleria caricina*

not a grass

Olyra malmeana Ekman, Arkiv. Bot. Svensk. vet. Akad.

10: 21. pl. 2, 6. 1911.

"Prov. Matto Grosso, S: Anna da Chapada, Buriti....
ad catarrhactam juxta cum Sphagno legit G. O. Malme,
16.6. 94, sub numero 1684 Exp. I Regn."

= Raddia

Brazil

Olyra media Desv. Opusc. 106. 1831.

"Crescit in Brasillio."

T = *latifolia*

Brazil

Olyra micrantha H.B.K. Nov. Gen. et Sp. 1: 199. 1816.

"Crescit in umbrosis, humidis ad ripam Orinoci prope cataractam Maypurensium." Humb. & Bonpl.

"Maypure"

T

Olyra micrantha var. *decalvata* Doell in Mart. Fl. Bras. 2^o: 324. 1877.

Brazil

"prope Manões prov. do Alto Amazonas (Spruce)."

Olyra micrantha var. *dioeca* Doell. in Mart. Fl. Bras. 2^o: 324. 1877.

Brazil

No citation

Olyra micrantha var. *lanceolata* Doell in Mart. Fl. Bras. 2^o: 324. 1877.

Brazil

"prope Rio de Janeiro (Gaudichaud n. 297)."

T = *O. micrantha*

Olyra micrantha var. *subvelutina* Doell in Mart. Fl. Bras. 2^o: 324. 1877.

"prope Rio de Janeiro (Riedel, sub nomine *Olyrae pubescentis*)."

Olyra nana Doell in Mart. Fl. Bras. 2^o: 329. 1877.

"---ad Ega prov. do Alto Amazonas (Martius)";

= *Raddiella nana* (Doell) Swallen (*Raddia nana* (Doell) Chase)

Brazil

T

Olyra obliqua Desv. Opusc. 106. 1831.

"Habitat in Brasilia."

T = *O. glaberrima* Raddi

Olyra obliquifolia Steud. Syn. Fl. Glum 1: 36. 1854.

"*O. longifolia* Hochst. Hrbr. Kappler nr. 1472 (non H.B.). Surinam."

"*O. longifolia* Hochst. Hrbr. Kappler nr. 1472. (non H.B.) Surinam" T

Olyra orientalis Lour. Fl. Cochinch 552. 1790.

"Habitat agrestis in Cochinchina"

Evidently a sedge. "culmo triquetro seminibus trigonis"---

Olyra ovata Ham. Prod. Fl. Ind. Occ. 7. 1825.

"*O. ovata* Herb. Prof. Desv. Cayenne. (S.v.)" In Desv. opusc. 1831 p. 105. "*O. ovata* Desv. Prod. in Fl. Ind. occ. Ham. p. 7" is cited, and "Crescit in Guyana"; added after description.

= *Ichnanthus panicoides*! see types

Olyra paniculata Swartz, Prodr. Veg. Ind. Occ. 21. 1788 no loc.; Obs. Bot. 347. 1791.

"Incolit in Jamaicae." Swartz

T = *O. latifolia*

Olyra pauciflora Swartz, Prodr. Veg. Ind. Occ. 21. 1788.

"Jamaica"

Type = *Lithachne pauciflora* (Swartz) Beauv.

Jamaica

Olyra pauciflora var. *atrocarpa* Kuntze, Rev. Gen. Fl. 3^o: 357. 1898. "Bolivia: Yapaani."

[Kuntze]

T = *Lithachne pauciflora* (Swartz) Beauv.

Olyra pauciflora var. *leuocarpa* Kuntze, Rev. Gen. Fl. 3^o: 357. 1898. "Bolivia: Yapaani."

Olyra pineti Wright ex Griseb. Mem. Amer. Acad. (n.s.) 8: 532. 1862.

"Prope Monte Verde, inter pinorum folia dejecta" "1536 Wright" Cuba

T Man. W. I.

= *Lithachne pineti*

Olyra pittieri Hack. Oesterr. Bot. Zeitschr. 51: 461. 1901.

"Costa Rica: in planitie silvatica Cordonoillal, Pittier 3639.

Cited as "Tonduz 3639"

T = *O. caudata*

Costa Rica

Olyra podachne Mez, Bot. Jahrb. Engl. 56: Beibl. 125: 6. 1921.

"Brasilien, São Paulo (Löfgren n. 4071)."

T 4071 = *O. capillata* Trin.

Olyra polypodioides Trin. in Mém. Acad. St. Pétersb. VI. Sci. Nat. 1: 117. 1834.

"V. spp. Bahiens."

T = *Raddia polypodioides* (Trin.) Chase

Brazil

Olyra pubescens Raddi, Agrost. Bras. 18. 1823.

"In montibus ubique in Provincia Rio-Janeiro."

T = *O. latifolia* var. *pubescens* Doell

Brazil

Olyra ramosissima Trin. Mém. Acad. St. Pétersb. VI. Sci. Nat. 1: 116. 1834.

Brazil "Bahiens"

fragment of type in Nat. Herb. Riedel 161.

Olyra Sampaiana Hitchc. Journ. Washington Acad. Sci. 17: 215. f. 1. 1927.

"Type in the United States National Herbarium, No. 1,297,351 collected at Reeve, State of Espírito Santo, Brazil, Dec. 6, 1924, by Jose Vidal (no. 44)."

Olyra sarmentosa Doell in Mart. Fl. Bras. 2^o: 319. 1877.

"A. cl. Poeppig (n. 3055) in Brasilia amazonica, et in republica Peruviana a cl. Dombey (n. 146) lecta.

O. lateralis (Presl) Chase, based on *Panicum laterale* Presl, 1830, not *Panicum laterale* Nees 1829, based on same type as Presl, collected by Haenke in Peruviae montanis huanocensis.

= *O. sarmentosa*

T

Olyra scabra Nees, Agrost. Bras. 306. 1829.

"ad Almadas in prov. Bahiensis in (Martius)"

Brazil

spikelets from type in Nat. Herb. A.S.H. 3: 112.

= *O. latifolia*

Olyra scorbiculata Schrad. ex Nees, Agrost. Bras. 303. 1829 as syn. sub. *Olyra ventricosa* Nees

T = *O. micrantha*

Brazil, Sellow

Olyra semiovata Trin. Gram. Pan. 249. 1826.

"V. sp. Brasil. (Langedorff)"

In Nat. Herb. --spikelets from type A.S.H. 2: 157.

= *O. glaberrima*

Brazil

Olyra semiovata var. *pubescens* Hack. Rep. Sp. Nov.

Fedde 8: 46. 1910.

Paraguay: Parag. septentr. a 1909. leg. Fiebrig no. 5299 in Herb. Hassler.

T.

Olyra semiovata var. *pubiflora* Hack. Bull. Herb. Boiss.

II. 4: 276. 1904.

"In silvis in regione cursu superioris fluminis Apa, Dec. n. 8194. [Hassler, Paraguay.]"

T

Olyra speciosa Mez, Bot. Jahrb. Engl. 56: Beibl. 125: 7. 1921.

"Guyana (Kegel n. 34)."

Olyra standleyi Hitchc. Proc. Biol. Soc. Washington 40: 86. 1927.

Type in the U. S. National Herbarium, no. 1307238, collected in moist forest, at El Muffeco on the Rio Navarro, Province of Cartago, Costa Rica, alt. 1400 to 1500 meters, March 6 to 7, 1926, by Paul C. Standley and Ruben Torres (no. 50932)."

T

Olyra strephioides Griseb. Cat. Fl. Cuba 229. 1866.

"Cuba occ. (Wright) 3435"

= *Mniochloa strephioides* (Griseb.) Chase

T

Olyra strictiflora Hensl. Biol. Cent. Amer. Bot. 3: 510. Nov. 1885.

Based on "*Strephium strictiflorum* Fourn. Bull. Soc. Bot. Belg. 15: 461 and Mex. Fl. Enum. Gram. p. 4." "Karw. N. 1473 in herb. Petropolitano"

Mexico

= *Raddia strictiflora* (Fourn.) Chase

Olyra surinamensis Hochst. ex Steud. Syn. Fl. Glum. 1: 36. 1854. "Hrbr. Dr. Hostmann. nr. 863) Surinam."

"(Hrbr. Dr. Hostmann nr. 863. (---Surinam.)"

spikelets from type in Nat. Herb. A.S.H. 3: 117.

= *O. longifolia*

Olyra sympodica Doell in Mart. Fl. Bras. 2^o: 322. 1877.

"In Guiana gallica prope Karouany (Sagot n. 925)"

= *Raddia sympodica* (Doell) Hitchc. (R. biformis H. & C. = this)

French Guiana

T

Olyra urbaniana Mez, Notizbl. Bot. Gart. Berlin

7: 47. 1917.

"Tobago, in silvis primaevae montis 'Morne d'or' (Eggers n. 5841); Guyana, loco ignoto (Coll. ignot. in herb. Bohb. nunc Vindob.)."

T = *Raddia guianensis* (Brongn.) Hitchc.

Based on *Strepium guianense* Brongn.

Guayane française

Olyra urvillei Steud. Syn. Fl. Glum. 1: 36. 1854.

"ex Hrbo. Urville."

= *O. micrantha*? [description suggests this]

"Patria=---"

Olyra ventricosa Nees, Agrost. Bras. 303. 1829.

Olyra hirsuta, var. *a* Trin. in litt. Corcovado (Mart. Langsdorff)

β panicula oblonga supradecomposita, spiculis femineis in paniculae apice confertis, foliis latoribus. *Olyra hirsuta β densior*, Trin. in litt. *Olyra serotoulata* Schrad. ined.

γ foliis lanceolatis, panicula tota foeminea. Sebastianopolis ... Rio Janeiro

p. 304: var. *β* --ad Paraiba, ---Maximil....Para.... Amazonum Martius all.

? = *O. micrantha*?

Brazil

Olyra yucatanensis Charr, Proc. Biol. Soc. Washington 21: 178. July 1908.

Gummer 2372, in Field Museum no. 125941.

Pocobosh, Yucatan

spikelet & photo T in U.S.

Onosa japonica Franch. & Sav. Enum. Fl. Jap. 2: 178.

1879. No description; op. cit. 2: 603. 1879, described as *Diarrhena japonica* Franch. & Sav. q.v.

"Hab. in umbrosis montanis: Nippon, Koshiou kaïdo in tractu Niko. Detexit Dr. Rein (Savatier, n. 3075)."

Ophiurinella micrantha Desv. Opusc. 75. 1831.

Basis of *Stenotaphrum micrantha* (Desv.) C. E. Hubb.

"Crescit in insula Bourbonicae."

Ophiurus aethiopicus Rupr. ex Steud. Syn. Fl. Glum. 1: 360. 1854.

"(in Kotsch. fl. aeth. hrbr. nr. 192.)" ... "Nubia."

= *O. papillosus* Hochst.

Anglo-Egyptian Sudan

Ophiurus appendiculatus Steud. Syn. Fl. Glum. 1: 359. 1854.

"*Rottboellia* nr. 725 Hrbr. Zollinger. Java."

= *Rottboellia exaltata* var. *appendiculata* (Steud.) Hack.

Ophiurus auriculatus Trin. Mém. Acad. St. Pétersb. VI. Math. Phys. Nat. 2: 246. 1832.

"*Ratzeburgia pulcherrima* Kth. rev. gr. Tb. 158.---V. spp. e regn. Birman." cited.

Burma

Ophiurus bombaiensis Bor, Kew Bull. No. 2: 167-168. 1951.

Ab speciebus annuis hujus generis foliorum laminis linearibus, spiculae gluma inferiore laeve vel foveolata vel verrucosa, apice anguste alata, inflorescentiae pedunculo albo-piloso satis recedit.

Ind. Or. Madras: Talyuppa Mysore, 600-1000 m., Oct. 1908, A. Moebbold 10264 (typus in Herb. Kew.).

India

Ophiurus cochinchinensis (Lour.) Merr. Trans. Amer.

Phil. Soc. n. ser. 24: 39, incidental mention, 72. 1935.

Based on *Phleum cochinchinense* Lour.

Basis of *Thaumatococcus cochinchinensis* (Lour.) C. E. Hubb.

Cochinchina

Ophiurus compressus Presl, Cyp. Gram. Sicul. 51. 1820.

"Hab. in maritimis arenosis inter S. Cruces et Trabiam civitatem."

[Sicily]

[not in Hack. Monogr. not *Ophiurus* Gaertn.]

Ophiurus corymbosus Gaertn. f. Suppl. Carpol. (Fruct. & Sem. 3): 4. pl. 181. f. 4. 1805.

"*Aegilops exaltata*... L. Mant. 575. [Malabar, India]"

Ophiurus exaltata (L.) Kuntze [based on *Aegilops exaltata* L., not *Rottboellia exaltata* L.f. Japan]

Ophiurus corymbosus var. *neoguineensis* Schum. Bot.

Jahrb. Engler 9: 196. 1888.

New Guinea: Holbrung n. 273.

Ophiurus corymbosus var. *pubescens* Benth. Fl. Austral.

7: 512. 1878. [not seen by Hackel p. 318.]

"Hooker's Creek. F. Mueller."

Australia

Ophiurus cylindricus (Willd.) Beauv. Ess. Agrost. 116, 168, 176. 1812.

Based on "*Rottb. cylindrica* Willd."

Southern Europe

= *Monerma cylindrica* (Willd.) Coss. & Dur.

Man. U. S.

Ophiurus erectus (Savi) S. F. Gray, Nat. Arr. Brit. Fl. 2: 88. 1821.

Based on *Rottboellia erecta* Savi

[Italy]

Ophiurus exaltatus (L.) Kuntze, Rev. Gen. Fl. 2: 780. 1891.

Based on *Aegilops exaltata* L.

Ophiurus filiformis (Roth) Roem. & Schult. Syst. Veg. 2: 797. 1817.

Based on *Rottboellia filiformis* Roth, this the basis of *Parapholis filiformis* (Roth) C. E. Hubb.

"Semina Schreber comm. Willd. gives 'Europa australi.'"

Ophiurus gracilis Gay ex Schult. Mant. 3: (Add. 1) 663. 1827.

[planta vero gallica et hortensis annua est: Gay Ophiurus] *gracilem vocat, supponeus priorem esse revera perennantem. Besser in litt.*

= ?

Europe

Ophiurus incurvatus (L.) Beauv. Ess. Agrost. 116, 168, 176. pl. 21. fig. 3. 1812.

Based on *Rottboellia incurvata* L. this based on *Aegilops incurva* L.

= *Parapholis incurva* (L.) C. E. Hubb.

Europe

Ophiurus laevis (Retz.) Benth. Journ. Linn. Soc. 19: 69. 1881.

Based on "*Rottboellia laevis* Retz."

Tranquebar, India (Koenig)

Basis of *Mnesithea laevis* (Retz.) Kunth

Ophiurus loricatus Nees ex Steud. Syn. Fl. Glum. 1: 360. 1854.

? *Rottboellia loricata* Trin. [no reference to *Rottboellia loricata* Trin. p. 361.]

Type loc. "Brasil."

Ophiurus megaphyllus Stapf ex Haines, Bot. Bihar & Orissa Pt. 5: 1058. 1924.

"*O. corymbosus* F.B.I. (in part)" cited as syn.

"In marshy places Tarai and Duars; probably in Purneah."

[India]

Ophiurus monostachyus Presl, Rel. Haenk. 1: 330. 1830.

"Hab. in Luzonia."

= *Thaumatococcus cochinchinensis* (Lour.) C. E. Hubb.

Luzon, Philippine Islands

Ophiurus muricatus Steud. Syn. Fl. Glum. 1: 360. 1854.

"*Rottboellia muricata* Zolling. et Mor. En. p. 99. nr. 352. vix Retz.Java."

= *Rottboellia glandulosa* Trin.

Ophiurus pannonicus (Host) Beauv. Ess. Agrost. 116, 168, 177. 1812.

Based on "*Rottb. pannonica* L." [Host]

= *Pholiurus pannonicus* (Host) Trin. type species

Ophiurus papillosus Hochst. Flora 27: 248. 1844.

"(in pll. exsicc. Florae Aethiopicae Th. Kotschy nr. 192). In provincia Semnaar habitat."

Africa

Ethiopia, now Anglo-Egyptian Sudan

Ophiurus perforatus (Roxb.) Trin. Mém. Acad. St. Pétersb. VI. Math. Phys. Nat. 2: 246. 1832.

Based on "*Rottbolla perforata* Roxb."

Coast of Coromandel, India

Ophiurus plicatus Nees ex Steud. Nom. Bot. ed. 2: 2: 218. 1841.

Cites: "*Rottboellia loricata* Nees, (nom? Trin.)" [no citation]

= *Manisuris loricata* (Trin.) Kuntze

"Brasil"

Ophiurus Pollockii Marquand, Kew Bull. Misc. Inf. 1925: 284. 1925.

"Australia Northern Territory, Hooker's Creek, F. Mueller; North Queensland, Cooktown and Townsville. V. A. R. Pollock."

= *Ophiurus pubescens* (Benth.) Domin which = *Thaumatococcus pubescens* (Domin.) C. E. Hubb. fide Hubbard, letter of Jan. 31, 1938.

Ophiurus pubescens Domin, Bibl. Bot. 85: 262. 1915.

Cites: "*O. corymbosus* var. ? *pubescens* Benth."

"Geogr. Verbreitung: Nord-Australien (Hookers Creek, F. v. Mueller), Queensland, Queensland: Dividing Range bei Jericho (Domin, III. 1910)."

Australia

Ophiurus radicans Steud. Syn. Fl. Glum. 1: 430. 1855.

"Boivin coll. nr. 1979, 1980. Ins. Nossibé.
Ins. Nossibé East of Africa

Ophiurus Shimadensis Ohwi & Ohashima, Acta Phytotax. & Geobot. 5: 185. 1936.

"Formosa: Shinohiku (Y. Shimada, 4852--typus in Herb. Imper. Univers. Kyoto), prope Taihoku (K. Ohashima n. 562)."

Ophiurus subulatus Link, Handb. Gewachse 1: 2. 1829.

Cites: "*Monerma subulata* (um) Beauv." Not in Beauv., it is a nom. nud. in Kew Ind. 354. 1894.

Link also cites: *Rottboellia cylindrica* Willd. this = *Monerma cylindrica* (Willd.) Coss. & Dur.

"In südlichen Europa."

Ophiurus Tongolalingii (Elmer) Henr. Blumea 4: 520. 1941.

Based on *Rottboellia Tongolalingii* Elmer.
Elmer 19284
T in U.S.

Mindanao, Philippines

Ophiurus undatus Nees, Journ. Bot. Kew Misc.

2: 100. 1850.

"Insulae Philippinae. Cuming, n. 1339."

= *O. monostachyus* Presl

Ophiurus undulatus Benth. Journ. Linn. Soc. Bot.

19: 69. 1881.

Error for *undatus*

Oplisia aristata Steud. Flora 33: 232. 1850.

in note after *Schellingia tenera* Steud.
"Nat: *Chloris pedicellata* Steud.

Oplisia Pringlei Hack. in Engler & Prant, Pflanzenfam.

2¹/₂: Nachtr. 2: 44. 1906.

Based on *Fringelechloa stolonifera* Scribn.

Oajaca, Mexico

Oplisia stolonifera Presl, Rel. Haenk. 1: 293. t. 41.

f. 1. 1830.

Mexico

"Hab. Ad Acapulco." Haenke

Oplismenopsis najada (Hack. & Arech.) Parodi, Nat. Mus.

La Plata no. 2. (paged separately): 4. 1935.

Based on *Panicum najadum* Hack. & Arech.

Estancia de la Sra. Dña Elvira Gallego de Rodriguez, arroyo de Pavon, y laguna de Moran. Marzo 1887.
[Arechavaleta, coll.]

Oplismenus abortivus Auct. ex Roem. & Schult. Syst. Veg.

2: 808. 1817, as syn. of *Anatherum muricatum* P. de B. [Beauv.]

which = *Vetiveria zizanioides* (L.) Nash

Oplismenus abortivus (R. Br.) Desv. Opusc. 82. 1831.

Based on "*Panicum abortivum* R. Br.

= *Vetiveria* fide Stapf

N. Holland. Australia

Oplismenus acuminatus Nees ex Steud. Syn. Fl. Glum.

45. 1854, as syn. of *P. acuminatissimum* Steud. Ind. Or.

"*Oplismenus compositus* var. Wight herb.

Penins. Ind. Or.

Oplismenus ? aemulans (R. Br.) Roem. & Schult. Syst.

Veg. 2: 487. 1817. of *aemulus* Kunth, 1829.

Based on "*Orthopogon aemulans* R. Br."

error for *lus* R. Br.

Australia

Oplismenus aemulus (R. Br.) Kunth, Rev. Gram. 1: 44.

1829. of *O. aemulans* Roem. & Schult. 1817.
error for *lus* R. Br.

Based on *Orthopogon aemulus* Brown."

Australia

Oplismenus aemulus var. *flaccidus* (R. Br.) Domin, Bibl.

Bot. 85: 328. 1915.

Based on *Orthopogon flaccidus* R. Br.

Australia

Oplismenus aemulus var. *lasiorhachis* Domin, Bibl. Bot.

85: 329. 1915.

"Süd-Queensland: Regenwälder in den Tambourine Mountains (Domin III. 1910)."

Australia

Oplismenus aemulus var. *pilosus* Domin, Bibl. Bot.

85: 328. 1915.

"*Orthopogon aemulus* R. Br. l.c. s. str!" cited.

- (1) "R. Brown Iter australiense 1802-1805 No. 6132, der Typus der Art!
- (2) Queensland (Bowman)...
- (3) Queensland: in vallibus humidis montium Taylor's Range (F. v. Mueller, Juli 1855).
- (4) Queensland: Brisbane River (Am. Dietrich no. 2720)."

Australia

Oplismenus affinis Schult. Mant. 2: 273. 1824.

"In St. Martha Bertero." [off Coast Colombia-S. Amer.]

Oplismenus burmanni (Retz.) Beauv.

T

Oplismenus affinis Presl, Rel. Haenk. 1: 323. 1830.

Not Schult 1824, but same species.

"Hab. in Panama." Haenke

= *O. burmani* (Retz.) Beauv.

Oplismenus africanus Beauv. Fl. Oware 2: 15. pl. 68.

1810.

"J'ai trouvé cette espèce à Chama, à Koto, à Oware et à Benin."

Africa

Oplismenus africanus var. *capensis* (Hochst.) Stapf in

Thiselt.-Dyer, Fl. Cap. 7: 417. 1899.

Based on "*O. Capensis*, Hochst. in Flora, 1846, 114. Africa"

"prope fl. Knysna, (George), Jan."
[Cap- und Natal-Landes, Krauss, collector]

Africa

Oplismenus africanus var. *simplex* Stapf in Thiselt.-

Dyer, Fl. Cap. 7: 417. 1899.

Based on "*O. simplex*, K. Schum. in Engl. Veget. Usambara 48 (name only) Africa."

Oplismenus albus (Poir.) Roem. & Schult. Syst. Veg.

2: 890. 1817.

Based on "*Panicum album* Poir."

Java

Oplismenus angustifolius Fourn. in Hemsl. Biol. Centr.

Amer. Bot. 3: 501. 1885; Mex. Fl. 2: 40. 1886.

"Vera Cruz---Gouin n. 54)" [error for 50]

= *Echinochloa*

Mexico

Oplismenus anomalus Mez ex Peter, Repert. Sp. Nov.

Fedde Beih. 40: 220, in key, 222. 1931.

"D. O. Afr. Konde: Rungwe, Regenwald ... (Stolz 1272)"

Tanganyika Africa

Oplismenus aristulatus Burcham, Contr. U. S. Nat. Herb.

30: 419. fig. 1. 1948.

"Type: Burcham 138, collected April 22, 1944, along forest trail near an abandoned garden, Bitokara Mission, Talasea, New Britain; altitude 50 feet; deposited in the United States National Herbarium, No. 1865731."

Oplismenus bakeri Schinz. in Dur. & Schinz, Conspect. Fl.

Afr. 5: 771. 1894.

Based on "*O. bromoides* Bak. (non Boj.)"

Basis of *Poecilostachys bakeri* (Schinz) C. E. Hubb.

Madagascar (Baron 3213)

Oplismenus Baronii A. Camus, Bull. Soc. Bot. France

75: 911. 1928.

Madagascar: sans loc. précise (Baron, in herb. Mus. Paris, s. n. Oplism.)

Oplismenus benthami C. Cordem. in E. Cordem, Fl. Ile

Reunion 118. 1895.

Based on "*Panicum Benthami* Steud." this basis of *Urochloa paniculata* Benth.

Niger R (Ansell) Africa

Oplismenus brasiliensis Raddi, Agrost. Braz. 40. 1823.

"Invenitur in montanis prope Tejucoo, neonon in Monte nuncupato Corcovado."

Brazil

Oplismenus brevisetus Nees ex Jacks. Ind. Kew. 2¹/₂: 355.

1894.

Based on *Panicum brevisetum* Nees ex Steud, Syn. Fl. Glum. 1: 46. 1854. "mpt. sub *Oplismenus*."

"Cuming in herb. Lindley, Guarea"

Philippines

Oplismenus bromoides (Lam.) Beauv. Ess. Agrost. 54,

168. [queried] 169. 1812.

Based on *Panicum bromoides* Lam.

= *O. burmanni* (Retz.) Beauv.

"ins. Franciae (Commers)"

east of Africa, Indian Ocean

Oplismenus bromoides Baker, Journ. Linn. Soc. Bot.

21: 452. 1885. Not Beauv. 1812.

Basis of *O. Bakeri* Schinz 1894.

"*Poecilostachys bromoides* (Baker) Stapf 1916
bakeri C. E. Hubb. 1935.

Baron 3213! [Madagascar]

typonym: *Poecilostachys bromoides* 1916

bakeri 1935

Oplismenus bromoides Baker not Beauv.

bakeri Schinz

Oplismenus burmanni (Retz.) Beauv. Ess. Agrost. 54, 168, 169. 1812.

Based on *Panicum burmanni* Retz.

[India Burma]

[*Panicum hirtellum* misapplied by Burmann]

Oplismenus burmanni var. *intermedius* Honda, Bot. Mag. Tokyo 38: 191. 1924.

"*Oplismenus undulatifolius* (non Beauvois) Matsumura & Hayata Enum. Pl. Formos. (1906) p. 509; Hayata Id. Pl. Formosa VII. (1918) p. 66."

"Formosa: Suiteiryō (C. Ōwatori, anno 1898); in monte Taiton (Z. Kobayashi, no. 486...); ins. Kotosho (S. Sasaki, no. Ko-19, anno 1924)."

Oplismenus Burmanni var. *variegatum* Nichols, Bot. Mag. Tokyo 27: 264. 1913, in Japanese

Japan

Oplismenus capensis Hochst. Flora 29: 114. 1846.

"Ad rivulos sylv. prope fl. Kaysna, (George) Jan." [Cap - und Natal. Landes Krauss, collector]

So. Africa

Oplismenus chondrosioides Fourn. ex Hemsl. Biol. Centr. Amer. Bot. 3: 501, nom. nud. 1885; Mex. Fl. 2: 39. 1886.

"*Panicum aristatum* Poir. herb. non Maof."

"Absque loco (Liebm. n. 367); Cordova (Bourg. n. 1668 Schaffn. n. 281 b). Insula S. Thomas (herb. Foret)."

= *O. hirtellus*

T

Mexico

Oplismenus colonus (L.) H.B.K. Nov. Gen. & Sp. 1: 108. 1816.

Based on *Panicum colonum* L.

[Jamaica]

= *Echinochloa colonum* (L.) Link

Oplismenus colonus var. *walteri* (Muhl.) Fourn. Mex. Fl. 2: 40. 1886.

Based on "*Oplismenus walteri* Kunth, Gram. 1, 45. 1829.

[Based on *Panicum walteri* Muhl. Not Pursh 1814]

= *Panicum hemitonon* Schult.

Probably Georgia

Man. U. S.

[s]

Oplismenus colonum var. *zonalis* (Cuss.) Schrad. Linnaea 12: 429. 1838.

Based on "*Panicum zonale* Cuss."

= *Echinochloa colonum* var. *zonalis* (Cuss.) Woot. & Standl.

Man. U. S.

[Sicily]

Oplismenus compositus (L.) Beauv. Ess. Agrost. 54, 168 [queried] 1812.

Based on *Panicum compositum* L.

Ceylon

Oplismenus compositus Beauv. f. *glabratus* F. Brown, Flora S.E. Polynesia (B. P. Bishop Mus. Bull. 84) 1931: 68. 1931.

Marquesas, Fatuhiva, January 20, 1922, F. B. H. Brown, no. 927, type. Marquesas, Nukuhiva, Taiohae, June 1, 1921, F.B.H. Brown, no. 736, reference type.

Oplismenus compositus var. *imbecillius* (R. Br.) F. M. Bailey, Queensl. Grasses 19. 1888.

Based on *Orthopogon imbecillius* R. Br.

Basis of *Oplismenus imbecillius* (R. Br.) Roem. & Schult.

Port Jackson - Australia

Oplismenus compositus var. *intermedius* (Honda) Ohwi, Acta Phytotax. & Geobot. 11: 35. 1942.

Based on *O. Burmanni* var. *intermedius* Honda

Formosa

Oplismenus compositus var. *lasiorhachis* Hack. [Publ.] Govt. Lab. (Philippine) 35: 81. Jan. 1906.

"Separation Point, Paragua (826 Merrill). Feb. 18, 1903. In open dry places along trails."

Philippines

Oplismenus compositus var. *loliaceus* (Lam.) Hack. in Stuck. Anal. Mus. Nac. Buenos Aires 13: 439. Dec. 1906.

Based on *Panicum loliaceum* Lam.

Philippines

Oplismenus compositus var. *Owatarii* (Honda) Ohwi, Acta Phytotax. & Geobot. 11: 35. 1942.

Based on *Oplismenus Owatarii* Honda

Formosa

Oplismenus compositus var. *patens* (Honda) Ohwi. Fl. Japan 149. 1953.

Based on *O. patens* Honda

Japan

Oplismenus compositus f. *pubescens* Hack. Bot. Jahrb. Engler 13: 259. 1890, without descr.

"Micko in der Neu-Lauenburggruppe in den kleinen Grasflöchen, welche den Cocoshain unterbrechen." Warburg, Coll.

[Bismark Archipelago]

Oplismenus compositus Beauv. f. *pubescens* F.B.H. Brown, Flora S.E. Polynesia (B.P. Bishop Mus. Bull. 84) 1931: 68. 1931.

Nukuhiva, Taipi Vai, Marquesas, August 8, 1921, F.B.H. Brown, no. 594, type.

Oplismenus compositus var. *setarius* (Lam.) F. M. Bailey, Queensl. Grasses 19. 1888; as ssp. Mez ex Ekman. Ark. f. Bot. 11: 26. 1912, same basis.

Based on *Panicum setarium* Lam.

S. America, Commerson

Oplismenus compositus var. *sylvaticus* Trimen ex Hillebr. Fl. Haw. Isl. 502. 1888.

"Common in the outskirts and open glades of forests."

Hawaii

Oplismenus coreanus Nakai, Bull. Sci. Nat. Mus. 31: 140. 1952, nom. nud.

Korea

Oplismenus cristatus Presl, Rel. Haenk. 1: 323. 1830.

"Hab. in Mexico" Haenke

= *O. burmanni* Beauv.

Oplismenus cruscovii (L.) Dumort. Agr. Belg. 138, 151. 1823.

Presumably based on *Panicum cruscovii* L.

= *Echinochloa*

Europe

Oplismenus crus-galli (L.) Dumort. Obs. Gram. Belg. 138. 1823.

Based on "*Panicum Crusgalli* Linn."

= *Echinochloa crusgalli* (L.) Beauv.

Europe

Oplismenus crusgalli var. *brevisetum* Doell. ex Douin in Bonn. Fl. Compl. 11: 129. 1927-32.

Europe

= *Echinochloa*

Oplismenus crus-galli var. *colonus* (L.) Coss. & Dur. Expl. Sci. Alger. 2: 28. 1854.

[same Walp. Ann. Bot. 6: 957. 1861, based on *Oplismenus colonus* H.B.K., that based on *Panicum colonum* L. Made subsp. in Douin in Bonn. Fl. Compl. 11: 129. 1927-32.

Based on *Panicum colonum* L.

= *Echinochloa colonum*

Man. U. S.

Oplismenus crus-galli var. *hispidus* (Muhl.) Wood, Amer. Bot. & Flor. Pt. 2. 393. 1871.

Presumably based on *Panicum hispidum* Muhl.

U. S.

= *Echinochloa walteri*

Man. U. S.

Oplismenus crusgalli var. *longisetum* Doell. ex Douin in Bonn. Fl. Compl. 11: 129. 1927-32.

Europe

= *Echinochloa*

Oplismenus crus-galli var. *muticus* Wood, Amer. Bot. & Flor. Pt. 2: 393. 1871.

[Eastern U. S.]

= *Echinochloa crusgalli* ssp. *mitis* (Pursh) Peterm.

Man. U. S.

Oplismenus crus-galli subv. *muticus* Coss. & Germ. Fl. Env. Paris ed. 2. 786. 1861.

[France]

= *Echinochloa*

Oplismenus crusgalli var. *oryzoides* (Ard.) Goiran ex Douin in Bonn. Fl. Compl. 11: 129. 1927-32.

Based on *Panicum oryzoides* Ard.

Italy?

= *Echinochloa*

Oplismenus crusgalli var. *pumilum* (Goiran) Douin in Bonnier, Fl. Compl. Illust. France, Suisse et Belg. 129.

Based on *Panicum crusgalli* var. *pumilum* Goiran

Alpes maritimes

France

Oplismenus orus galli var. *stagninus* Schrad. Linnaea 12: 429. 1838.

"Pan. stagninum [Retz. ex] Host."

[This added to the Catalog because it has been referred to in synonymy as if it were Host]

Rumania

= *Echinochloa*

Oplismenus orusgalli var. *vulgaris* Coss. & Dur. Expl. Sci. Alger 2: 27. 1854.

"Hab. In humidis, in arenosis hyeme inundatis, ad fossas, ad viarum margines, vulgaris.----Europa, Asia, Africa, America, Nova Hollandia."

= *Echinochloa orusgalli*

Oplismenus orus-pavonis H.B.K. Nov. Gen. & Sp. 1: 108. 1815.

"Crescit in apricis calidissimis Provinciae Guianensis prope Bordonas."

= *Echinochloa orus-pavonis* (H.B.K.) Schult.

Man. U.S.

Venezuela

Oplismenus cubensis (Spreng.) Kunth, Rev. Gram. 1: 45. 1829.

Based on "*Orthopogon cubensis* Spreng."

= *Oplismenus hirtellus* (L.) Beauv.

Man. U. S.

Cuba

Oplismenus cuspidatus (Roxb.) Kunth, Rev. Gram. 1: 45. 1829.

Based on "*Panicum cuspidatum* Roxb."

= *Echinochloa*

Bengal, India

Oplismenus daltoni (Parl.) J. A. Schmidt, Beitr. Fl. Cap. Verd. Ins. 136. 1852.

Based on "*Panicum daltoni* Parl."

Cape Verde Isls.

= *Echinochloa colonum*

Oplismenus decompositus Nees in Endl. Prodr. Fl. Norfolkiae 19. 1833.

"Peninsula Ind. orient. (Herb. Wight.)"

India

Oplismenus depauperatus Fourn. in Hensl. Biol. Centr. Amer. Bot. 3: 501. 1885, nom. nud.; Mex. Pl. 2: 38. 1886.

"Orizaba (F. Müll. n. 2019 in meo herbario. Schaffn. n. 207 in herb. Franq.); in Cordillera Oajacensi (Gal. n. 5847)."

= *O. rariflorus* depauperate plants

Mexico

Oplismenus discolor Kunth, Rev. Gram. 1: 45. 1829.

Based on "*Panicum discolor* Trin. ex Nees ab Esenb." Not Spreng. 1807.

= *Panicum*

Tejuco, Brazil

Oplismenus dubius (Roem. & Schult.) Kunth, Rev. Gram. 1: 44. 1829.

Based on "(*Echinochloa* ? *dubia* Roem. et Schult.)"---*Coromandelia*."

Coromandel. India

Oplismenus echinatus (Willd.) Kunth, Rev. Gram. 1: 45. 1829.

Based on (*Panicum echinatum* Willd.--*Echinochloa echinata* Link.)

see note on *P. echinatum* Willd. Enum. Pl. 1032. 1809. in Man. U. S. p. 857. 1951--*dubius*

Oplismenus ? elatior (L.) Beauv. Ess. Agrost. 54, 168. [queried] 169. 1812.

Based on Pan. *elatius* L.

probably *O. compositus*

Malabar - India

Oplismenus erianthos (Poir.) Kunth, Rev. Gram. 1: 45. 1829.

Based on "(*Panicum erianthos* Poir.)"

= *Authaenantia villosa*

Man. U. S.

Oplismenus fasciculatus (Lam.) Roem. & Schult. Syst. Veg. 2: 487. 1817.

Based on "*Panicum fasciculatum* Lam." Not Sw.

"Jamaica" is error

= *Coridochloa oimicina* (L.) Nees

Oplismenus festuaceus Mez, Notizbl. Bot. Gart. Berlin 7: 54. 1917.

"Madagascar, in silva Ambohimombo (Tanala) (Forsyth Major n. 209)."

Basis of *Poecilostachys festuaceus* (Mez) Camus

Oplismenus festuoides (Nees) Kunth, Rev. Gram. 1: Suppl. XI. 1830.

Based on "*Chaetium festuoides* Nees"

" " " "

Brazil

Oplismenus ? flaccidus (R. Br.) Roem. & Schult. Syst. Veg. 12: 487. 1817.

Based on "*Orthopogon flaccidus* R. Br."

Australia

Oplismenus flavicomus Mez, Notizbl. Bot. Gart. Berlin 7: 55. 1917.

"Madagascar, in silva Ambohimombo (Tanala) (Forsyth Major n. 208)."

Oplismenus foliaceus Beauv. Ess. Agrost. 54. 1812. [error for *loliaceus*]

Philippines

Oplismenus formosanus Honda, Repert. Nov. Sp. Fedde 20: 361. 1924.

"Formosa: Loco non indicato (B. Hayata, Anno 1912)." [Japan]

Oplismenus forsteri Kunth, Rev. Gram. 1: 45. 1829.

Based on "*Panicum hispidum* Forst."

New Caledonia

Australasia

Oplismenus frumentaceus (Roxb.) Kunth, Rev. Gram. 1: 45. 1829.

Based on "*Panicum frumentaceum* Roxb."

= *Echinochloa orusgalli* var. *frumentacea* (Roxb.) W. F. Wight

Oplismenus gracilis Schlecht. Linnaea 24: 649. 1852.

"ab hortulano Halensi ol. Wolfhagen acceperimus."

Cult.

Europe

Oplismenus gracillimus Mez, Notizbl. Bot. Gart. Berlin 7: 55. 1917.

"Madagascar, Insel Nosibé (Boivin)."

Oplismenus helvolus (L.) Beauv. Ess. Agrost. 54, 168. 170. 1812.

Based on *Panicum helvolum* L.

= *Setaria* sp.

India or.

Oplismenus Hildebrandtii Mez, Repert. Sp. Nov. Fedde 17: 83. 1921.

"Madagascar (Hildebrandt)."

= *Poecilostachys hildebrandtii* but Mez's name not based on Hackel's Hack. 1884.

Oplismenus hirsutus (Roxb.) Koen. ex Schult. Mant. 2: 271. 1824.

Based on "*Panicum hirsutum* Roxb." Not Swartz 1797.

India

Oplismenus hirtellus (L.) Beauv. Ess. Agrost. 54, 168. 170. 1812.

Based on *Panicum hirtellum* L.

Jamaica [Browne]

Man. U. S.

Oplismenus hirtellus var. *acuminatus* Mez ex Peter, Repert. Sp. Nov. Fedde Beih. 40: 220. 1931, without description.

"Ostindien (Nilgiri!); Himalaya! China! Mindanao! Ins. Jolo! Celebes! Norfolk! Po Foo 1200 m! S. Thomas! Madagascar! Pondoland! Bourbon! Isle de France! Transvaal! Kapland! D O Afr. W. Usambara (Holst 514a!); Mbaramu, Shagatu-Uw.,... (Holst 2496!)"

Oplismenus hirtellus f. *loliaceus* (Lam.) Stehlé, Caribbean Forester 6, Suppl. 383. 1945 [as *foliaceus* (Spreng.)].

[Copied from Gray card. Not verified]

[*Panicum loliaceum* Lam.]

Philippines

Oplismenus hirtellus ssp. *setarius* (Lam.) Mez ex Ekman, Ark. för Bot. 13: 33. 1913.

Based on *Panicum setarius* Lam.

= *O. setarius* (Lam.) R. & S.

Man. U. S.

Amer. merid. Commun. A. D. Richard [Commerson, Coll.]

Oplismenus hirtiflorus Presl, Rel. Haenk. 1: 320. 1830. error for *rariflorus*.

Mexico

Oplismenus ? hirtus Hayne in Roem. & Schult. Syst. Veg. 2: 484. 1817. [described, the description may be ? Hayne's]

"*Panicum hirtum* Roth. nov. plant spec. Ms." [cited but not published by Roth until 1821]

"In India orientali. B. Hayne."

Basis of *Echinochloa hirta* (Hayne) Schult. 1824.

Oplismenus hispidulus (Retz.) Kunth, *Rév. Gram.*
1: 44. 1829.

Based on "(*Panicum hispidulum* Retz.,---)"
= *Echinochloa hispidula* (Retz.) Keng 1940.
Ind. or. Koenig, Coll.

Oplismenus hispidum (Muhl.) Wood, *Classbook* ed. 2.
604. 1847.

Based on *Panicum hispidum* Muhl.
Carolina, Delaware and New York
= *Echinochloa walteri* Man. U. S.

Oplismenus holoiformis H.B.K. *Nov. Gen. & Sp.* 1: 107.
1815.

"Crescit in humidis, montanis prope Cinapecuaro, alt.
970 hexap. (Regno Mexicano.)"
Humb. & Bonpl. 4362 T = *Echinochloa holoiformis*
(H.B.K.) Chase

Oplismenus hookeri Parl. *Atti. 8 va Riun. Sc. Ital.*
586. 1846.

" = *burmannii* " cannot locate

Oplismenus humbertianus A. Camus, *Le Naturaliste*
Malgache 5: 146. 1953.

Nord: vallee de l'Ifasy, en aval d'Anaborano, distr.
d'Ambilobe, alt. 50-200 m, grès du Karroo et allu-
vions, depressions humides, ruisseaux temporaires
(Humbert et Capuron, no. 25889).

Madagascar

Oplismenus humboldtianus Nees, *Agrost. Bras.* 264. 1829.

"O. *burmannii* H. & K. 106 excl. synonym cited.
"Habitat in Brasilia variis locis. (Mart.)"
H. & K. 106. "---Orinocensis, prope Carichana."
Venezuela
[description agrees with Venz. specimens of
O. *burmannii* A.C.]

Oplismenus humboldtianus var. *muticus* Fourn. *Mex. Fl.*
2: 37. 1886.

"Cuernavaca (Bourg. n. 1301...) Orizaba (Bott. n. 134
165, 208; F. Mull. n. 2016, 2019 part.)."
Mexico
Bourgeau 1301 = *burmannii*

Oplismenus humboldtianus var. *nudicaulis* Vasey, *Contr.*
U. S. Nat. Herb. 1: 363. 1895.

"Colima, January 9 to February 6, 1891. No. 1258."
[Palmer in 1890 and 1891]
= O. *burmannii*
Mexico

Oplismenus ? imbecillis (R. Br.) Roem. & Schult. *Syst.*
Veg. 2: 487. 1817.

Based on "*Orthopogon imbecillis* R. Br."
Australia

Oplismenus imbecillis var. *morrisonensis* Honda, *Bot.*
Mag. Tokyo 38: 190. 1924.

Cites:
"Oplismenus undulatifolius var. *imbecillis* (non
Hackel) Hayata. *Fl. Mont. Formos.* (1908) p. 235."
"Formosa: in monte Morrison,---(T. Kawakami et U.
Mori, no. 1845, anno 1906)."

Oplismenus ? indicus Roem. & Schult. *Syst. Veg.* 2: 484.
1817.

Hab. [East Indies] "Ind. or."
"Panicum composito-proximum Rottler" cited.

Oplismenus intermedius (Vahl ex Hornem.) Kunth, *Rév.*
Gram. 1: 45. 1829.

"(*Panicum intermedium* [Vahl ex] Hornem.-
Echinochloa intermedia Roem. et Schult.)"
hort.

Oplismenus jacquinii Kunth, *Rév. Gram.* 1: 44. 1829.

Based on "*Andropogon undatus* Jacq."
Insula Mauritii
Africa

Oplismenus jacquini Sieber ex Steud. *Syn. Fl. Glum.*

1: 45. 1854; as syn. *Panicum undatum* (Steud.)
of Kunth, 1829.
Ins. Maurit. Afr.
Sieber Hrbr. Maur. nr. 205.

Oplismenus jamaicensis Kunth, *Enum. Fl.* 1: 147. 1833.

Based on "*Panicum aristatum* J. Macfadyen in Hook.
Bot. Misc. 2: 115.--Jamaica."
= *Echinochloa crus-pavonis* Man. U. S.

Oplismenus japonicus (Steud.) Honda, *Bot. Mag. Tokyo*
38: 153. 1924 in Japanese; 38: 189. 1924.

Based on *Panicum japonicum* Steud.
Japan (Görring'schen Sammlung)

Oplismenus japonicus var. *variegatum* (Nichols) Makino
& Nemoto, *Fl. Jap.* 1467. 1925, without descr.

Based on O. *Burmanni* var. *variegatum* Nichols, *Bot.*
Mag. Tokyo 27: (264). 1913, description in Japanese

Oplismenus javanicus (Poir.) Roem. & Schult. *Syst. Veg.*
2: 891. 1817.

Based on "*Panicum javanicum* Poir." this = *Panicum*
panicoides (Beauv.) Hitchc.
Java
Malay Archipelago

Oplismenus javanicus Klotzsch, ex Schlecht. *Linnaea*
31: 309. 1861-62. Not Roem. & Schult. 1817.

"Klotzsch in pl. Javensibus ab oomite ab Hoffmannsegg
datis."
Java

Oplismenus junghuhnii (Nees) Boerl. *Ann. Jard. Bot.*
Buitenzorg 8: 63. 1890.

Based on *Orthopogon Junghuhnii* Nees
Java

Oplismenus lanceolatus (Retz.) Kunth, *Rév. Gram.*
1: 45. 1829.

"(*Panicum lanceolatum* Retz., Roxb.
Echinochloa lanceolata Roem. et Schult.)" cited.
misit Opt. Koenig
Ind. Or.

Oplismenus lappagoides Speg. *Anal. Mus. Nac. Buenos*
Aires IV. 2: 7. 1903, as syn. of *Oplismenus oplis-*
menoides (Speg.) Speg.

Based on Lappago *oplismenoides* Speg.
prov. Misiones, Argentina

Oplismenus latifolius Haenke ex Steud. *Nom. Bot.* ed. 2.
2: 220. 1841, as syn. of *Panicum loliaecum*

Type = O. *rariflorus* Presl

Oplismenus liebmanni Fourn. in Hensl. *Biol. Centr.*
Amer. Bot. 3: 502. 1885, nom. nud.; Mex. Fl.
2: 38. 1886.

"Absque loco (Liebm. n. 374); Zacuapan (Liebm. n. 373)
in savanis inter La Galera et Pochutla, in declivitate
occidentali Cordillerarum (Liebm. n. 372)."

Mexico

= O. *rariflorus* Presl Mex. Or.

Oplismenus limosus Presl, *Bel. Haenk.* 1: 321. 1830.

"Hab. in Luzonia" Philippines

Oplismenus ? loliaecus (Lam.) Beauv. *Ess. Agrost.* 168,
170. 1812.

Presumably based on *Panicum loliaecum* Lam.
Philippines

Oplismenus longisetus (Torr.) Kunth, *Rév. Gram.*
1: 45. 1829.

Based on "(*Panicum longisetum* Torrey)" Not Poir 1816
= *Echinochloa walteri* f. *laevigata* Wiegand.
On the banks of Fox River [Wisconsin]
Man. U. S.

Oplismenus magellanicus (Lam.) Roem. & Schult. *Syst.*
Veg. 2: 485. 1817.

Based on "*Panicum magellanicum* Poir."
[Lam.]

"Magellan" error on specimen of Commerson "sans
etiquette" in Paris Herb.
= *Centotheca lappacea* (L.) Desv.

Oplismenus margaritaceus (Link) Kunth, *Rév. Gram.*
1: 44. 1829.

Based on "*Panicum margaritaceum* Link."
= O. "affine P. *colinum*" Hort. Berol. Cult.
No place given. Hort.
= *Echinochloa*

Oplismenus microphyllus Honda ex Ue, *Kishu Shokub. Shi*
278. 1929, nom. nud.; *Journ. Fac. Sci. Univ. Tokyo*
Sect. III. Bot. 3: 274. 1930.

Hondo:....in monte Nachi, prov. Kii (N. Ue, No. 14,
anno 1924)....
Japan

Oplismenus minarum Nees, *Agrost. Bras.* 1268. 1829.

Brasil

"Habitat in sylvanum marginibus prope Villa Rica
provinciae Minarum generalium."
= *Ichnanthus minarum* (Nees) Doell

Oplismenus minus Merr. Govt. Lab. [Publ.] Philippine
17: 9. 1904.

"Type specimen No. 3203, Merrill, Mount Mariveles,
Province of Bataan, Luzon, October, 1903, growing on
exposed ridges at an elevation of 1,300 m."

Philippine Islands

T

Oplismenus mollissimus Hochst. ex Steud. Syn. Fl.

Olum. 1: 44. 1854; as syn. "*Panicum francoi* Steud."

Oaxaca (Franco, Collector) Mexico

Oplismenus multisetus A. Rich. Tent. Fl. Abyss.

2: 377. 1851.

"*Panicum* (*Oplismenus*) *multisetum* Hochst., in pl.
Schimp. Abyss., sect. III, no. 1469" [cited sub *O.*
burmannii by Stapf, Trop. Afr.]

"Crescit in convalle fluvii Tacazzé, prope
Tchelatohérane sub arborum umbra, ... (Schimper)."

= *O. burmannii* Africa [not in Stapf, Trop. Afr.]

Oplismenus muricatus (Michx.) Kunth, Rév. Gram.

1: 44. 1829.

Based on "*Panicum muricatum* Michx."
"*Setaria muricata* Roem. et Schult."

Canada ad ripas lacus Champlain [type in Manual] et
ad lacum Ontario.

= *Echinochloa crusgalli* Man. U. S.

Oplismenus muticus R. A. Phil. Anal. Univ. Chile

93: 714. 1896.

[Chili] "In praedio Mansel (prov. O'Higgins) orn.
Nathanis. Miers Cox legi."

Oplismenus nossibensis Mez, Notizbl. Bot. Gart. Berlin

7: 53. 1917.

"Madagascar, Insel Nossibé (Hildebrandt n. 3354)."

= *Cyphochlaena madagascariensis* Hack.

Oplismenus oahnaensis Nees & Meyen ex Steud. Nom. Bot.

ed. 2. 2: 220. 1841, nom. nud.

"Sandwich Insel. Meyen legit."

= *O. hirtellus*

Oplismenus oplismenoides (Speg.) Speg. Anal. Mus. Nao.

Buenos Aires 9: [III. 2:] 7. 1903.

Based on Lappago *oplismenoides* Speg.

"---flumen 'Firay-guarú'---prov. Misiones, Argentina
---May 1883, leg. Cl. Carolus von Gullion"

Oplismenus owatarii Honda, Repert. Sp. Nov. Fedde

20: 361. 1924.

"Formosa: Suiteiryō (C. Owatari, anno 1898); Niki
(C. Owatari anno 1898); Buizan (B. Matsuda, no.
H-316, anno 1918)." [Japan]

Oplismenus parvifolius (Nutt.) Kunth, Rév. Gram.

1: 45. 1829.

Based on "*Orthopogon parvifolius* Nutt.", Gen. Fl.
1: 55 errata. 1818. On p. 55 described under
Orthopogon hirtellus Nutt.

= *Oplismenus setarius* Man. U. S.

Florida and South Carolina

Oplismenus petens Honda, Repert. Sp. Nov. Fedde

20: 360. 1924.

"Kiusiu: ins. Onshima, prov. Onsumi (T. Uchiyama,
anno 1900). Liukiu: ins. Iheya (H. Kuroiwa, anno
1898)." [Japan]

Oplismenus penicillatus (Nees) Kunth, Rév. Gram.

1: 45. 1829.

Based on "*Panicum penicillatum* Nees ab Esenb."

= *Panicum penicillatum* Nees

Brazil

Oplismenus pictus (Koen.) Kunth, Rév. Gram. 1: Suppl.

XI. 1830.

Based on "*Panicum pictum* Koenig."

[India]

Oplismenus polliniaefolius Honda, Repert. Sp. Nov.

Fedde 20: 362. 1924.

"Formosa: Hokutō (O. Nakahara, anno 1906); Kotosho
(K. Miyake, no. 24, anno 1899)."

[Japan]

Oplismenus polystachyus H.B.K. Nov. Gen. & Sp.

1: 107. 1815.

"Crescit in sylvis opacatis Orinocensibus prope
Maypure et in radicibus montis Cumadaminari."
"Floret Aprili." Humb. & Bonpl.

= *Echinochloa polystachya*

Maipures, Colombia

Oplismenus pratensis (Spreng.) Schult. Mant. 2: 597.

1824.

Based on *Orthopogon pratensis* Spreng.

"Ins. Franciae"
east of Africa Indian Ocean

Oplismenus preslii Kunth, Rév. Gram. 1: Suppl. X. 1830.

Based on "*Oplismenus affinis* Presl."

Panama

= *O. burmannii* Gr. Cent. Amer.

Oplismenus prostratus Edgew. Journ. Linn. Soc. Bot.

6: 195. 1862, without descr.

"(Pan. *setigerum*, Roxb.)" cited.

Probably error for Retz, there is no *Panicum*
setigerum Roxb.

India

Oplismenus pseudo-colonus (Roth) Kunth, Rév. Gram.

1: 44. 1829.

"*Panicum pseudo-colonum* Roth. (Nees ab Esenb.)" cited.

"In India orientalis"

Oplismenus pseudo-undulatifolius (Roem. & Schult.)

Kunth, Rév. Gram. 1: 44. 1829.

Based on "*Panicum pseudo-undulatifolium* Roem. et
Schult."

In Cayenne. French Guiana S. Amer.

Oplismenus psilostachys Honda, Bot. Mag. Tokyo

41: 377. 1927.

"Formosa: in monte Buizan (B. Matsuda, No. H-287,
anno 1918)."

Oplismenus rariflorus Presl, Rel. Haenk. 1: 320. 1830.

"Hab. ad Acapulco." Haenke

Mexico

Mex. Gr.

Oplismenus repens Presl, Rel. Haenk. 1: 321. 1830.

"Hab. in Mexico." Haenke

T = *Echinochloa colonum*

Oplismenus sabulicola (Nees) Kunth, Rév. Gram.

1: Suppl. XI. 1830.

Based on "*Panicum sabulicolum* Nees." this basis of
Echinochloa sabulicola (Nees) Hitchc.

in arenosis Parae (Sieber) Brazil, S. Amer.

= *Echinochloa*

Oplismenus scaber (Lam.) Kunth, Rév. Gram. 1: 44. 1829.

Based on "*Panicum scabrum* Lam. - *Echinochloa scabra*
Roem. et Schult."

Senegal. Africa D. Roussillon

Oplismenus secundus Presl, Rel. Haenk. 1: 322. 1830.

"Hab. in Peruviae montanis huanocensibus." Haenke

T = *Ichnanthus minarum*

Oplismenus semialatus (R. Br.) Desv. Opusc. 81. 1831.

Based on "*Panicum semialatum* R. Br."

Littora Novae Hollandiae intra tropicum

Australia

= *Alloterospis semialata* (R. Br.) Hitchc.

Oplismenus setarius (Lam.) Roem. & Schult. Syst. Veg.

2: 481. 1817.

Based on "*Panicum setarium* Lam."

Ex Amer. merid. Commun. a D. Richard

[Commerson, Collector]

= *Oplismenus setarius* (Lam.) Roem. & Schult.

Man. U. S.

Oplismenus setarius var. *aemulus* (R. Br.) F. M. Bailey,

Queensl. Fl. 6: 1838. 1902.

Based on "*Orthopogon aemulus* R. Br."

(T) Littora Novae Hollandiae intra tropicum.

Australia

Oplismenus setarius var. *imbecillis* (R. Br.) Benth.

ex Hack. in Warb. Bot. Jahrb. Engler 13: 259-1890.

Based on "*Orthopogon imbecillis* R. Br."

Apud Portum Jackson, in olusis ripis destuarii Hunter's
River vel Coal River

Australia

Oplismenus setarius Roemer & Schultes *sterilis* F.B.H.

Brown, Flora S.E. Polynesia (B. P. Bishop Mus. Bull.

84) 1931: 68. 1931.

Marquesas, Hivaoa, Feani, F. Brown, no. 1034, type.
Marquesas, Hivaoa, Atuona, December 8, 1921, F. Brown,
no. 841; Nukuhiva, Taipi Vai, August 15, 1921,
F. Brown, no. 593; reference types.

Pacific Islands

Oplismenus simplex Schum. ex Engler, Abh. Preuss. Akad.

Wiss. (Berlin) 48, 1894, nom. nud.

Trop. Africa

Oplismenus spectabilis (Nees) Kunth, Rév. Gram.

1: Suppl. XI. 1830.

Same, Link Hort. Ercol 2: 09. 1833.

Based on "*Panicum spectabile* Nees. Trin."

Brazil, Nees

Oplismenus stagninus (Retz.) Kunth, Rév. Gram.

1: 44. 1829.

Based on "*Panicum stagninum* Retz."--

Echinochloa stagnina Roem. et Schult.--*Orthopogon stagninus* Spreng.

= *Echinochloa stagnina* (Retz) Beauv.

Oplismenus ? *strictus* (Roxb.) Schult. Mant. 2: 272. 1824.

Based on "*Panicum strictum* Roxb."

Bengal, India

Oplismenus sylvaticus (Lam.) Roem. & Schult. Syst. Veg.

2: 481. 1817.

Based on "*Panicum sylvaticum* Lam."

1^{re} de France (Commerson)

[Mauritius, Africa]

Oplismenus tenuis Presl, Rel. Haenk. 1: 319. 1830.

"Hab. in Mexico, Panama."

= *Ichnanthus tenuis* (Presl) Hitchc. & Chase

Oplismenus thiebautii Fourn. in Hensl. Biol. Centr.

Amer. Bot. 3: 502. 1885, nom. nud.; Fourn. Mex.

Fl. 2: 39. 1886.

"Secus rivulum prope Acapulco, octobri (Thiebaut n. 1074)."

= *O. rariflorus* Presl.

Mexico

Oplismenus thwaitesii Hook.f. Handbook Fl. Ceylon

5: 169. 1900.

"C. P. [Ceylon Plants] 3964."

"Hot region. Nalande (Thwaites, March 1868)."

T. coll.

Oplismenus tomentosus (Roxb.) Schult. Mant. 2: 272.

1824.

Based on "*Panicum tomentosum* Roxb."

India

Oplismenus tsushimensis Honda, Repert. Sp. Nov. Fedde

20: 360. 1924.

Kiusiu: Kuta, ins. Tsushima (K. Hirata, no. 39, anno 1901). [Japan]

Oplismenus undulatifolius (Ard.) Roem. & Schult. Syst.

Veg. 2: 482. 1817.

(Beauv. Ess. Agrost. 154, 168, 171. 1812 nom.)

Based on *Panicum undulatifolium* Ard.

Oplismenus undulatifolius var. *elongatus* Honda ex Nakai,

Koryo Shikerin No Ippan. 80. 1932.

"In silvis Koryô socialiter crescent (T. Nakai, no. 13226)."

Diagnosis: "*Panicula racemosa*, ramis elongatis, 2--3 cm. longis."

Korea

Oplismenus undulatifolius (Ard.) Roem. & Schult. var.

imbecillis (R. Br.) Haek. Govt. Lab. [Publ.]

(Philippine) 25: 82. 1905.

Based on *Orthopogon imbecillis* R. Br.

Australia

Oplismenus undulatifolius var. *japonicus* (Steud.)

Koidzumi, Bot. Mag. Tokyo 39: 302. 1925.
[Koidzumi]

Based on *Panicum japonicum* Steud.

Japan "Göringschen Sammlung"

Oplismenus undulatifolius var. *lanceolatus* Domin, Bibl.

Bot. 85: 329. 1915.

"Diese Form besitze ich in typischer Ausbildung aus Australien nicht. Eine Annäherungsform... sammelte ich in Nordost-Queensland bei Allumbah (= Yungaburra)."

Oplismenus undulatifolius var. *microphyllus* (Honda) Ohwi

Bot. Mag. Tokyo 55: 546. 1941.

Based on *Oplismenus microphyllus* Honda

Japan: Hondo:---Monte Naohi, prov. Kii
(C. U. 14--1924.)

Oplismenus undulatifolius var. *mollis* Domin, Bibl.

Bot. 85: 329. 1915.

"Süd-Queensland: Tambourine Mountains (Domin III. 1910).

N. S. Wales: Tweed River (Guillfoyle)."

Australia

Oplismenus velutinus (G. Meyer) Schult. Mant. 2: 271.

1824.

Based on *Panicum velutinum* G. Meyer.

Sophienburg [British Guiana]

Oplismenus volkensii (Pilger) Mez ex Peter, Repert. Sp.

Nov. Fedde Beih. 40: 222. 1931.

Based on *Acoritochaete Volkensii* Pilger [mis. volk.]

Ost-Afrika: am Kilimandscharo, im Gürtelwald oberhalb Maramu verbreitet,.... (Volkens n. 1278)

Africa

Oplismenus ? *walteri* Kunth, Rév. Gram. 1: 45. 1829.

Based on "*Panicum walteri* Muhlenb." Not Pursh 1814.

= *Panicum hemitomum* Man. U. S.

No loc. nor specimen cited. Probably Georgia. Spec. in Muhl. Herb.

Oplismenus zelayensis H.B.K. Nov. Gen. & Sp. 1: 108.

1815.

"Crescit in ...regno Mexicano, prope Zelaya, Queretaro et Patzcuaro, in humidis, inter 990 et 1130 hexap. Floret Augusto." Humboldt & Bonpland.

Mexico

= *Echinochloa crusgalli* var. *zelayensis* Man. U. S.

Oreuttia californica Vasey, Bull. Torr. Club. 13: 219.

pl. 60. 1886.

"Collected near San Quentin Bay, Lower California, by Mr. C. R. Oreutt."

Man. U. S.

Oreuttia californica var. *inaequalis* (Hoover) Hoover,

Bull. Torrey Club 68: 154. 1941.

Based on *O. inaequalis* Hoover Man. U. S.

California. Montpellier, Hoover 582 (type, U.C.)

Oreuttia californica var. *viscida* Hoover, Bull. Torrey

Club 68: 155. 1941.

"California --Sacramento Co.: 2 miles southeast of Orangevale, Carter 1193 (UC); 7 miles south of Folsom. Hoover 3709 (UC, type, S)."

Man. U. S.

Oreuttia fragilis Swallen, Journ. Washington Acad. Sci.

34: 308. 1944.

"Type in the U. S. National Herbarium, no. 1865489, collected on playa, sandy clay; at Llano Dirai, Magdalena Plain, within the limits of the Sonoran Desert in Southern Baja California by H. S. Gentry (no. 4192)."

Mexico

Oreuttia greenii Vasey, Bot. Gaz. 16: 146. 1891.

"Collected on moist plains of the upper Sacramento, near Chico, California, June, 1890, by Prof. E. L. Greene."

Man. U. S.

Oreuttia inaequalis Hoover, Madroño 3: 229. 1936.

"Type collection: Montpellier, Stanislaus Co., May 28, 1935, Hoover 582 (Univ. Calif. Herb. no. 534128)."

= *O. californica* var. *inaequalis* (Hoover) Hoover

Calif.

Oreuttia mucronata Crampton, Madroño, 15: 107. f. 2, 3.

1959.

Type. Alkaline lake, 12 miles due south of Dixon, Solano County, California, August 1, 1958. Crampton 5057, AHUC. (Isotypes UC, JEPS, DS, US, CAS, K.)

Other collections (Crampton 5011, 5059, 5093, and 5113), all collected in this single locality, represent a series of developmental stages. *O. mucronata* is, at the most, rare.---The soil type is classified as the Lindsey clay loam series.

Oreuttia pilosa Hoover, Bull. Torrey Club 68: 155.

1941.

"California--Stanislaus Co.: 12 miles east of Waterford, Hoover 1298 (CA), 3624 (UC, type, S)."

Man. U. S.

Oreuttia tenuis Hitchc. Amer. Journ. Bot. 21: 131.

1934.

Type in the U. S. Nat. Herb. no. 734402, collected in open sandy soil, Goose Valley (Shasta Co. Calif. June 29, 1912 by Alice Eastwood (no. 1013)).

Man. U. S.

Drelostachys ciliata (Camus) Nakai, Journ. Arn. Arb.

6: 152. 1925.

Based on *Arundinaria ciliata* Camus

"Cambodge: Compeng-thom (Pierre)"

Cambodia

[See Henrard, Blumea 2: 71. 1936.]

Orelostachys elegantissimus (Hassk.) Valet ex Baker,

Handb. Fl. Java Afr. 2: 288. 1928, in Dutch.

Based on *Bambusa elegantissima* Hassk.

"inter montes Tilu et Malabar, provinciae Bandong in terra Preangereana"

[see Henr. Blumea 2: 70. 1936
= *Chloanthus elegantissimus*]

Orelostachys producta Pilger, Bot. Jahrb. Engler

62: 460. 1929.

"Nordöstl. Neu-Guinea: Saruwaged-Gebirge, Bolan.... (leg. Keysser--Original der Art!)"

Aff. *O. Fullei* Gamble & *O. Schlechteri* Pilger

[See Henrard, Blumea 2: 71. 1936.]

Orelostachys Pullei Gamble in Koord. Versl. Wis Naturk.
Afd., Kon. Akad. Amsterdam 10: 685. 1908. (Proc.
Acad. Amsterdam 10: 685. 1908)

? A. Pulle no. 3173 in Herb. Rheno-Traject
Java. "Penglengan plateau in the Freanger"
[alt. 1600 m.]

Note by Koorders l.c. 685: "According to a letter received by me, the flowers and flowering branches, referred to in the following diagnosis, have been described by Gamble after the Utrecht herbarium specimen (Pulle n. 3173) and the leaves after ... the Leiden specimen (Jungkuhn n. 143) = H.L.B. n. 901, 7-617-618-619-620."
Note by A.C.: See Henr. Blumea 2: 69. 1936.
= *Chloothamnus*

Orelostachys Schlechteri Pilger, Bot. Jahrb. Engler
52: 174. 1914.

"Nordöstl. Neu-Guinea: Kaiser-Wilhelmsland, in den Wäldern des Dischore ... (B. Schlechter n. 19720...)"

See Henr. Blumea 2: 71. 1936 = *Chloothamnus Schlechteri*

Oreobambos Buchwaldii K. Schum. Notizbl. Bot. Gart.
Berlin 1: 178. 1896.

"Usambara, in Waldern des Handel-Gebirges zwischen Karita und Konebela am Ufer des Baches (Buchwald n. 233...)." Ost-Afrika

[Spelled *Oreobambos* in Camus, Monogr. 136. 1913.]

Oreocalamus szechuanensis (Bendle) Keng, Sunyatsenia
4: 147. 1940.

Based on *Arundinaria szechuanensis* Bendle

Oreocalamus utilis Keng, Sunyatsenia 4: 148. pl. 37.
1940.

"Szechuan: Nanohuan Hsien, Kin-fu Shan, near Kufu Dong, along roadside, April 14, 1938, Y. C. Yang 3075 Type in the Herbarium of the Biological Laboratory of the Science Society of China; duplicate types in the Herbarium of the Botanical Institute, Sun Yat-sen University, and in the Herbarium of the National Central University."

Oreochloa Flanka Deyl, Opera Bot. Čechia 3: 244. 1946.

Habitat in alpinis Pyrenearum: Haute Ariege, leg. Marcalhorn d'Ayméris; H. Pyren., leg. ?; Hautes Pyrenées, Pio Blanco, 1868, leg. Bordere.

Europe

Oreochloa confusa (Coincy) Rouy, Fl. France 14: 168.
1913.

Same Deyl, Opera Bot. Čechia 3: 246. 1946. same basis.

Based on *Sesleria confusa* Coincy

Spain

Oreochloa disticha (Wulf.) Link. Hort. Berol. 1: 44,
1827.

Based on "*Poa disticha* Wulf."

Europe

Oreochloa disticha ssp. *pedemontana* (Reut.) Douin in
Bonn. Fl. Compl. 11: 124.

Based on *O. pedemontana* Boiss. & Reut. Pugill. 126.
1852.
[Referred to *O. seslerioides* (All.) Richt. by Deyl. p. 245. 1946.]

Spain

?*Oreochloa elegans* Sennen, Bull. Soc. Bot. France
74: 406. 1927.

"Note: Des bords des étangs sis en face de Puig Fério, nous recueillîmes, en un jour où le ciel foudroyait les monts, au milieu des éclairs et des tonnerres, une forme des bords humides, plus allongée, en touffes peu denses, *O. elegans*? Sennen: no adequate description

Cerdagne Pyrenées, France-Spain

Oreochloa pedemontana Reut. in Boiss. & Reut. Pugill.
Pl. Nov. 126. 1852.

"Hab. in jugo Col de Tende dioto in Rhododendretis ubi primus detexit am Reuter, anno 1843, in pascuis montis Roux dioti Alpium Valdensium supra Pralles alt. 6000' - 8000' (Leresche et Centurier 1847). Habeo etiam ex monte Viso in herb. Fauché a cl. Guérin lectam."

Spain

referred to *O. seslerioides* in Deyl p. 245

Oreochloa seslerioides (All.) C. Richt. Fl. Europ.
1: 70. 1890.

Based on "*Poa seslerioides* All."

Italy

Oreochloa seslerioides var. *confusa* (Coincy) Senn. &
Pau, Bull. Acad. Geogr. Bot. 18: 468. 1908.

Based on "*Sesleria confusa* Coincy"

Spain

= *O. confusa* (Coincy) Rouy in Deyl. p. 246

Orinus anomala Keng, Claves gram. prim. Sinicarum.
176. 1957. nom. nud.

China

Orinus arenicola Hitchc. Journ. Washington Acad. Sci.
23: 136. f.2. 1933.
emeni. Bor, Kew. Bull. 1951: 454. 1952.

O. arenicola Hitchc. = *O. thoroldii* (Stapf) Bor, l.c.
Based on *Diplachne thoroldii* Stapf ex Hemsl. Tibet.

"Type in the U. S. National Herbarium, no. 1535771, collected in bare sand, at Tsaka, Ladak, Kashmir, Western Himalayas, India alt. 4700 meters, July 18, 1931, by Walter Koelz (no. 2365)."

Orinus kokonorica (Hao) Keng, Claves gram. prim.
Sinicarum 176. 1957.

Based on *Cleistogenes kokonorica* Hao.

China

Kokonor, China, prov. Kan-su "nr. 998"---
Hao, collector.

Orinus thoroldii (Stapf) Bor, Kew Bull. Miso. Inf.
3: 454-455. 1951.

Diplachne thoroldii Stapf ex Hemsl. Journ. Linn.
Soc. Bot. 30, 121. 1894.
Orinus arenicola Hitchc. Journ. Wash. Acad. Sci.
23, 136. 1933.

Tibet: 5000 m., Jul. Sept. 1891, Thorold 120, "sandy soil in valleys." Type in Kew Herb.; Capt. Deasy's Expedition to Tibet 1896-97, Arnold-Fike s. n.; Khambajong, 26 Jul. 1903, Young-husband 147.

India: Khashmir, Tsaka, Ladak, 4700 m., 18 Jul. 1931, W. Koelz 2365. Type of *Orinus arenicola* Hitchc.

Ornithocephalochloa arenicola Kurz, Journ. Bot.
13: 332. pl. 171. f. 1-18. 1875.

"Hab. in arenosis calcareis littorum ins. Katchall, frequens." [Nicobar Islands, Bay of Bengal]
Kurz Collector
= *Thuarea sarmentosa*

India

Oropetium africanum (Coss. & Dur.) Chiov. Ann. Ist. Bot.
Roma 8: 345. 1908, in obs.
Engler
Pilger, Bot. Jahrb. 74: 14. 1945, same basis.

Based on *Kralikia africana* Coss. & Dur.

N. Africa

Oropetium aristatum (Stapf) Pilger, Bot. Jahrb. Engler
74: 14. 1945.

Based on *Lepturella aristata* Stapf

"Soudan Français, --Mossi, mont Zonga...Koupila...no. 24598 [Aug. Chevalier]"

Africa

Oropetium capense Stapf, in Thiseit.-Dyer, Fl. Cap.
7: 742. 1900.

Central Region: Somerset Div. near Somerset East, MacOwan!
Kalahari Region: Orikualand West; on the Asbestos Mountains, Burchell 2057! plains at the foot of the Asbestos Mountains between kloof village and Witte Water, Burchell 2091.
"Also in German South-West Africa, Hereroland (Dinter)."

So. Africa

Oropetium erythraeum Chiov. Annali Bot. 2: 366. 1905.

"Colonia Eritrea ex Reg. Assaorta et Anasen (Pappi, 1902, nn. 2657, 3900)."

Africa

Oropetium hesperidum Maire, Ann. Jardin Bot. Madrid
8: 364. 1947.

"*Orepetrum*" error for *Oropetium*

"= *Kialkella africana*" Maire, non Coss. & Dur.)"
error for *Kralikella*

Africa

Oropetium lepturoides Peter, Repert. Sp. Nov. Pedde
Beih. 40: 347 & Anhang, 115. pl. 51. f. 3. 1936.

D. O. Afr., S. Pare: Buschpori km. 156/168 Mkomasi → Mkombari 480-500 *VI, Z.B. in der grossen Eisenbahnkurve gesellschaftlich mit *O. capense* (P. 10661)

Tanganyika

Oropetium minimum (Hochst.) Pilger, Bot. Jahrb. Engler
74: 14. 1945.

Based on *Lepturus minimus* Hochst.

Abyssinia

[type sp. of *Chaetostichium* C. E. Hubb.]

Africa

Oropetium thomaeum (L.f.) Trin. Fund. Agrost. 98.
pl. 3. 1820.

Based on "*Nardus thomaeae* L.f."

Mt. St. Thomas, India

Oropetium villosulum Stapf, Kew Bull. Miso. Inf.
1949: 571. 1950.

India. Central Provinces: "Rocky bed of stream below Humra, Nimar District", 21st Dec. 1888, J. F. Duthie 8523 (Typus in Herb. Kew.);
Bombay: "In humidis araneosis circa urbem Poona", Aug. 1832, V. Jacquemont; Orissa: Sonabera, Oct. 1949, H. F. Mooney.

Orthachne breviseta Hitchc. Journ. Washington Acad. Sci.
17: 141. 1927.

"Type in the Gray Herbarium of Harvard University, collected on Volcán Yates, Province of Llanquihue, Chile, alt. 1300 meters, March, 1925, by E. Werdermann (no. 669)."

Ort[h]achne floridana (Chapm.) Nash ex Small, Fl. So.
U. S. 119. 1903.

Based on *Streptachne floridana* Chapm.

= *Aristida floridana* (Chapm.) Vasey

S. Florida

Ort[h]achne pilosa (H.B.K.) Nees, Seem. Bot. Voy.
Herald, 225. 1854. Not *Aristida pilosa* Labill.

Based on *Streptachne pilosa* H.B.K.

= *Aristida jorullensis* Kunth

Jorullo, Mexico N. Am. Fl.

Orthachne rariflora (Hook.f.) Hughes, 1923. Kew Bull. Misc. Inf. 1923: 302. 1923.

Based on *Muhlenbergia rariflora* Hook.f.
Falkland Isls.

Orthachne retorta Nees ex Steud. Syn. Fl. Glum. 1: 121. 1854.

[coll. Darwin (sent to "Henslow")...ad From. tres montes," Southern Chile.

Basis of *Stipa retorta* (Nees) Mez, 1921, Not Cav. 1795.

= *Orthachne rariflora* (Hook.f.) Hughes, Kew Bull. Misc. Inf. 1923: 302. 1923, based on *Muhlenbergia rariflora* Hook.f. Fl. Antarct. 371. t. 131. 1847.
Falkland Isls.

Orthachne scabra (H.B.K.) Fourn. Bull. Soc. Bot. France 27: 295. 1880.

Based on *Streptachne scabra* H.B.K.
Panama

= *Aristida ternipes* Cav. Man. U. S.

Orthachne tenuis (H.B.K.) Fourn. Bull. Soc. Bot. Fr. 27: 295. 1880.

Based on *Streptachne tenuis* H.B.K.
Venezuela

= *Aristida ternipes* Cav. Man. U. S.

Ortholada africana C. E. Hubb. in Hook. Icon. Pl. 35: pl. 3419. 1940.

"Northern Rhodesia. Mwinilunga District: Luakera Falls, north of Mwinilunga, in evergreen vegetation by river, in shade, 25 Jan. 1938, Milne-Redhead 4333; Feb. 1939, Patterson (type)."

Africa

Ortholada? laxa Beauv. Ess. Agrost. 70, 149, 168. 1812. [pp. 149, 168 "laxa?" queried]

Based on "Aira lax ? Rich"

see Nees, Agrost. Bras. 522. 1829.

Ortholada rariflora Beauv. Ess. Agrost. 70. pl. 14. f. 9. 1812.

[In the Atlas p. 10, pl. 14, fig. 9, Beauv. erroneously gives *rarifolia*]

Based on "*Panicum rariflorum* ? Lam."

"Cayenne", Fr. Guiana

= *O. laxa* (Rich) Beauv.

Ortholada rariflora var. *lancoolata* Doell. in Mart. Fl. Bras. 2^o: 118. 1878.

Brazil

"a ol. Salzmarm prope Bahia detecta."

Ortholada rariflora var. *sesquiflora* Doell in Mart. Fl. Bras. 2^o: 118. pl. 35. 1878.

Brazil: "in insula S. Catharinae a ol. Fr. Mueller et a ol. Luschmuth in silvis prope Bahia, a ol. Martius in silvaticis udis inter gaxias et Maranhão atque prope Bahia, a ol. R. Spruce in vicinia S. Gabriel prov. do Alto Amazonas lecta.--"

Ortholada rariflora var. *sesquiteria* Doell in Mart. Fl. Bras. 2^o: 118. 1878.

Brazil: "in fluminis Amazonum ripis inundatis (Martius), ad fluv. Rio Negro (Spruce), prope Pará atque inter S. João et S. Anna provinciae Paraensis (Burchell., prope Bahiam (Martius), nec non a ol. Pabst et a ol. Riedel (n. 164) in Brasiliæ silvis lecta.--"

Orthopogon abortivus Spreng. Syst. Veg. 1: 306. 1825.

Based on ("....*Panicum abortivum* R. Br.")

= *Chamaeraphis styneensis*

see Stapf, Kew Bull. 1906: 348.

Orthopogon aemulus R. Br. Prodr. 194. 1810.

"(T.) Littora Novae Hollandiae intra tropicum."

= *Oplismenus*

Orthopogon africanus (Beauv.) Sweet, Hort. Brit. 448. 1826.

"*Oplismenus africanus* R. S." cited.
but *Oplismenus africanus* Beauv. Fl. Owar. 2: 14, pl. 68. f. 1. 1809 is the basis.
species
Type of genus *Oplismenus* Beauv.

Africa

Orthopogon agrostoides Trev. ex Steud. Nom. Bot. ed. II. 2: 234. 1841, as syn. of *Arundinella nepalensis* Trin.

India

Orthopogon Bolosii Vayreda, Cavanillesia 4: 61. 1931, nom. nud.

"Castellfullit de la Roça, set."

"Es l' *Oplismenus undulatifolius* R. S. (Nota d'A. de Bolos)."

[Plantas de Cataluña]

Spain

Orthopogon bromoides Loud. Hort. Brit. 25. 1830, without description.

= *Oplismenus burmannii* --Ind. Kew.

Orthopogon burmanni (Retz.) Trin. Fund. Agrost. 181. 1820.

Based on (*Panicum burmanni* Retz.)

= *Oplismenus burmanni* (Retz.) Beauv.

India

Orthopogon burmanni var. *glabrescens* Buse in De Vriese Fl. Ind. Bat. Or. 110. 1857.

"Timor ubi Bwdt. legit a^o 1821. cujus Hb. est no. 1315."

East Indies

= *Oplismenus burmanni*

Orthopogon burmanni var. *lanatus* Buse in Miq. Fl. Jungh. 370. 1854.

"Habitat insulam Javae ad truncos Cocos nuciferae prope Pidjagan. Jungh."

= *Oplismenus*

Orthopogon compositus R. Br. Prodr. 194. 1810.

Based on "*Panicum compositum* L."

Ceylon

= *Oplismenus compositus* (L.) Beauv.

Orthopogon compositus var. *glabrescens* Buse in Miq. Fl. Jungh. 370. 1854.

"Habitat insulae Javae montem Marapi in sylvis lateri, australis, ... mense Aprili. Jungh."

= *Oplismenus*

Orthopogon orus-galli Spreng. Syst. Veg. 1: 307. 1825.

Based on "*Panicum orusgalli* L."

= *Echinochloa orusgalli*

Man. U. S.

"Europe Virginia"

Orthopogon cubensis Spreng. Syst. Veg. 1: 307. 1825.

= *Oplismenus hirtellus* (L.) Beauv. Man. W. I.

Orthopogon dichotomus Llamas, Fragn. 38. 1851.

Filipinas

Philippines

= *Echinochloa colomum* fide Herr. Philip. Fl. Fl.

Orthopogon echinatus Spreng. Syst. Veg. 1: 307. 1825.

Based on *Panicum echinatum* Willd.

= *Pseudechinochloa polystachya* (H.B.K.) Stapf but misapplied to *Echinochloa*

Colombia

Orthopogon flaccidus R. Br. Prodr. 194. 1810.

"(J.) apud Fortum Jackson, inclusis ripis aestivali Hunter's River vel Coal River."

Australia

Orthopogon gonyrrhizus Miq. Fl. Ind. Bat. 3: 443. 1855.

Based on *Panicum gonyrrhizum* Steud."

Java

Orthopogon hirsutus Spreng. ex Steud. Nom. Bot. ed. 2.

2: 234. 1841, as syn. of *Panicum spectabile*; this = *Echinochloa spectabilis*

Orthopogon hirtellum Nutt. Gen. Fl. 1: 55. 1818.

[Changed to *O. parvifolium* in Errata--that = *O. setarius*]

See *hirtellum* Eat. & Wright.

Based on *Panicum hirtellum* L.

= *Oplismenus hirtellus*

Jamaica

Man. U. S.

Orthopogon hirtellum Eat. & Wright, N. Amer. Bot. Ed. 8. 336. 1840. See Nutt.

No place given

"Southern" States

= *Oplismenus hirtellus*

Orthopogon hirtellus R. Br. ex Llamas Fragn. 37. 1851.

"se ve en las orillas de los caminos."

Filipinas

Philippines

= *Oplismenus compositus* fide Merrill, Enum. Philipp. Fl. Fl. 1: 71. 1923

Orthopogon hispidus Spreng. Syst. Veg. 1: 307. 1825.

Based on "*Panicum hispidum* Muhl".....1817. Not *Panicum hispidum* Forst, 1786.

= *Panicum walteri* Pursh

= *Echinochloa walteri* - valid

Man. U. S.

Orthopogon holoiformis Spreng. Syst. Veg. 1: 307. 1825.

Based on "*Oplismenus holoiformis* H.B.K."

= *Echinochloa holoiformis* (H.B.K.) Chase

Mexico

Orthopogon imbecillis R. Br. Prod. 194. 1810.

= *Oplismenus imbecillis* (R. Br.) Roem. & Schult.

"(J.) apud Portum Jackson, inclusis ripis aestuarii Hunter's River vel Coal River."

Australia

Orthopogon Junghuhnii Nees in Miq. Fl. Ind. Bat.

3: 444. 1855. [date t. p. preface 1859]

"Nees mss."

"*Panicum bidentulum* Steud. an Orth. compositus var. glabrescens Buse?" cited.

"Java (Jungh.)"

Orthopogon loliaeus (Lam.) Spreng. Syst. 1: 306. 1825.

Based on "(*Panicum loliaeum* Lam.)"

= *Oplismenus*

Philippines

Orthopogon longeracemosus Miq. Fl. Ind. Bat. 3: 443. 1855.

Based on *Panicum longeracemosus* Steud.

= *Oplismenus*

Orthopogon parvifolium Nutt. Oen. Fl. 1: 55. Errata 1. 1818.

"In Florida and South Carolina"

= *Oplismenus setarius* Man. U.S.

Orthopogon pratensis Spreng. Syst. Veg. 1: 306. 1825.

Type loc.: "Ins. Franciae." Mauritius

Orthopogon remotus Trin. Pund. Agrost. 181. 1820.

"(*Panicum compositum* L.)" cited.

= *Oplismenus*

Orthopogon retzii Spreng. Syst. Veg. 1: 307. 1825.

Based on "(*Panicum hispidulum* Retz.)"

= *Echinochloa hispidula* (Retz) Keng

Orthopogon setarius Spreng. Syst. Veg. 1: 306. 1825.

Based on "(*Panicum setarium* Lam.)"

= *Oplismenus setarius* (Lam.) R. & S.

South America, Commerson.

Orthopogon squarrosus Spreng. Syst. 1: 307. 1825.

Based on "(*Panicum squarrosus* (L.f.) Lam.)" 1791. Not Retz 1786.

= *Chamaeraphis spinescens* but misapplied to *Vetiveria zizanioides*-see Stapf, Kew Bull. 1906: 347, 348. 1906.

Ceylon

Orthopogon stagninus Spreng. Syst. Veg. 1: 307. 1825.

Based on "(*Panicum stagninum* Retz.)...."

= *Echinochloa stagnina* (Retz) Beauv.

Malabar, India, Koenig

Orthopogon subverticillatus Llanos. Fraga. 38. 1851.

"habita á orillas de los esteros y rios."

Philippinas.

= *Echinochloa*

Philippines

Orthopogon sylvaticus Miq. Fl. Ind. Bat. 3: 443. 1855.

Based on *Panicum sylvaticum* Lam.

Isle de France---Commerson

Orthopogon trichoideus Link, Hort. Berol. 1: 203. 1827.

"Hab. in India occidentali?"

Orthopogon undulatifolius (Ard.) Spreng. Syst. Veg.

1: 306. 1825.

"Italia. Gallia."

Based on "*Panicum undulatifolium* Lam." but Lam. cites "Arduin spec. 2. p. 14. t. 4."

= *Oplismenus undulatifolius* (Ard.) Roem. & Schult.

Orthopogon undulatus Link, Hort. Berol. 1: 202. 1827.

"*Oplismenus undulatifolius* R. S. 2. 482." cited.

"Hab. in Europa australi."

= *Oplismenus undulatifolius*

Orthopogon velutinus Spreng. Syst. Veg. 1: 306. 1825.

Based on "(*Panicum velutinum* Meyer.)"

Essequibo [British Guiana]

= *Oplismenus velutinus* Schult., based on *Panicum velutinum* Meyer = *Oplismenus hirtellus*, fide A.S.H. note in Meyer, Fl. Esseq.

Orthoraphium coreanum (Honda) Ohwi, Fl. Japan 101. 1953.

Based on *Stipa coreana* Honda

Korea

Orthoraphium coreanum var. *kengii* (Ohwi) Ohwi Fl.

Japan 101. 1953.

Based on *Achnatherum coreana* var. *Kengii* Ohwi 1941. *Patis coreana* var. *kengii* Ohwi 1942.

These based on *Stipa grandifolia* Keng

China

Orthoraphium grandifolium (Keng) Keng, Claves gram.

prim. Sinicarum 214. 1957; Fl. Illustr. Fl. Prim.

Sinagarum Gram. 599. 1959. Based on *Stipa grandifolia* Keng, Li Shan, Anhwei, China.

C. Ching 4392.

T

Orthoraphium roylei Nees in Proc. Linn. Soc. 1: 94.

1841; Keng, Fl. Illustr. Plant. Prim. 600. f. 539.

1959.

"Indian Herbarium of Dr. Royle"

Oryza abromeitiana Prod. in Mez, Bot. Archiv 1: 234.

1922.

"Philippinen, Luzon (Merrill nr. 116)."

Oryza alta Swallen, Carnegie Inst. Washington Publ.

461: 156. 1936.

"Type in the U. S. Nat. Herb. Nos. 1614041 and 1614042, collected in water, margin of the Amazon at Obidos, Pará, Brazil, July 19-20, 1934, by Jason R. Swallen (No. 5116)."

Brazil

Oryza latifolia var. *grandispioulis* Chevalier (in part) cited.

Oryza angustifolia C. E. Hubbard, Hook. Icones Plantarum, pl. 3492: 1-3. 1951.

affinis *O. brachyantha* A. Chev. et Roehrich, sed foliorum laminis filiformibus angustissimis convolutis, ligulis angustioribus acutis, inflorescentiis gracilioribus, lemmatibus sterilibus nullis differt.

Northern Rhodesia. Mwinilunga District: half a mile south of Matonahi Farm, in six inches of water over shallow soil overlying "laterite," 2-1-1938, Milne-Hedhead 3928 (type).

Africa

Oryza aristata Blanco, Fl. Filip. ed. 1. 274. 1837.

Philippines. No loc. cited.

Oryza australiensis Domin, Bibl. Bot. 85: 333. 1915.

Hook. Icon. 33: pl. 3232. 1934, descr. emend.

O. sativa Muell. [not L.] cited.

Australia

Oryza australis (R. Br.) A. Br. ex Aschers. & Schweinf.

Beitr. Fl. Aethiop. 310 [error for 306] 1867.

Based on *Leersia australis* R. Br.

Australia

Oryza Barthii A. Chev. Bull. Mus. Hist. Nat. Paris

1910: 405. 1910.

Specimens obtained by Chevalier on Mission to Lake Tchad distributed by him under this name to principal herbaria. Species discussed and descr. in French.

"Aug. Chevalier unter Nr. 9615 in Baghirai, Massena 1903 gesammelt wurde." [Bericht, Deutsch. Bot. Ges. 44: 166. 1926]

Oryza brachyantha Chev. & Roehrich, Rend. Comp. Acad.

Sci. Paris 159: 561. 1914; Journ. Agr. Trop. Bot. Appl. 6: 582. f. 1. 1959.

"Soudan occidental: Ségou (Chevalier), Soudan égyptien: Pays des Djurs (Schweinfurth)."

Africa

Oryza brachyantha var. *guineensis* Chevalier, Rev. Bot.

Appl. 12: 1022. 1932.

"*O. guineensis* A. Chev. in Herb."

"Guinée française: marais inondés pendant la saison des pluies, entre Dubréka et Conakry (Chevalier, no. 34616 bis)."

Africa

Oryza breviligulata Chevalier & Roehrich, Rend. Comp.

Acad. Sci. Paris 159: 560. 1914.

"Régions du Soudan inondées par le Niger (Ségou, Macina) et Marais du Baguirai (Aug. Chevalier)."

Africa

Oryza caudata Trin. ex Doell. in Mart. Fl. Bras.

2^o: 8. 1871.

"*Oryzae sativae* varietatem arista tenuiore"

"ripis rivi Quaporé, ad confinia Boliviae et Fontanal--prov. Pará et Mato Grosso---Riedel"

Brazil

Oryza caudata Nees ex Doell. in Mart. Fl. Bras. 2^o: 8.

1871, as syn. of *O. subulata* Nees, not Trin. l.c.

"Mss. in Herb. Reg. Berolienisi"

Brazil

Oryza clandestina A. Br. in Aschers. Fl. Brand. 799.

1864.

Based on "*Ehrhartia clandestina* Web." this based on *Phalaris oryzoides* L.

= *Leersia oryzoides* (L.) Swartz

Virginia Man. U. S.

Oryza glandestina f. *incolusa* Weisb. in Baenitz, Deutsch.
Bot. Monatschr. 15: 19, pl. 1897.

No. 3062 Herbarium Europaeum aus Niederösterreich
in 1877 in Lief XXXI.

Austria Man. U. S.

Oryza glandestina f. *maculosa* Antal. Magy. bot. lapok
7: 41. 1908. In Hungarian only.

- *Leersia*

Oryza glandestina f. *patens* Weisb. in Baenitz, Deutsch.
Bot. Monatschr. 15: 19, 21. 1897.

No. 3063 Herbarium Europaeum aus Ungarn in 1877 in
Lief XXXI.

Hungary

Oryza glandestina f. *piota* Antal Magy. bot. lapok
7: 41. 1908.

[in Hungarian]

Europe

Oryza coarctata Roxb. Hort. Beng. 87. 1814; Fl. Ind,
ed. Carey 2: 206. 1832.

"A native of the Delta of the Ganges, and first dis-
covered there by Dr. Buchanan in 1796."

India

Oryza communissima Lour. Fl. Cochinch. 215. 1790.
ed. 2. 267. 1793.

Cochinchina

Oryza cubensis Eiman ex Ootoh & Okura, Journ. Soc. Trop.
Agr. Japan 5: 363. f. 1. 1933, name only, with
figure of chromosomes.

Seed sent by Dr. J. Acuna, Santiago de las Vegas,
Cuba.
(24 chromosomes)

Cuba

[Compare *Oryza perennis* Moench., Hitcho. Man. W. I.
p. 145. 1936.]

Oryza demodata (Desv.) Steud. Nom. Bot. 577. 1821.

Based on *Oryza sativa demodata* Desv.
cult. in Italy

Oryza dewildemani ("De W"illde) Vandery. Bull. Agr.
Congo Belge 8: 260, 273. 1917.

Basis not stated. see same 1920.

Congo Belge Africa

Oryza Dewildemani Vander. Bull. Agr. Congo Belge
11: 123. 1920, cited without description under

Oryza sylvestris Stapf; *Oryza sativa* var. *aristata*
Dewild.

[Chevalier Rev. Bot. Appl. 12: 1028. 1932, says this
is his *O. Barthii*]

Belgian Congo---Africa

Oryza Eichingeri Peter, Repert. Sp. Nov. Fedde Beih.
40: (Anhang 74), pl. 14, fig. 5. 1930; 251. 1931.

"[et] Usambara: Uferwald des Baches zwischen Magunga
und Makumba... (Peter 16357... unteres Luengera Tal,
Waldreetau Bombo B[er]g... (Peter 18623)."
"Specimina authentica Peter 16357, 18623."

Tanganyika

Oryza Eichingeri var. *longearistata* Peter, Repert. Sp.
Nov. Fedde Beih. 40: (Anhang 75). 1930; 251. 1931.

"D.O.Afr., Udigo: Putini → Amboni"

"Specimina authentica Peter 46482."

Tanganyika

Oryza elongata Steud. Nom. Bot. 577. 1821.

Based on *Oryza sativa elongata* Desv.
"cultivée au Brésil."

Oryza exasperata (A. Braun) Heer, Fl. Tert. Helv.
1: 68. pl. 25. f. 5. 1854.

fossil---Switzerland

Poacites exasperatus A. Braun, Stizenberg. Verz.
S. 74.
Europe

Oryza fatua Koen. in Trin. Mém. Acad. Pétersb. VI.
Sci. Nat. 3: 177. 1840, as syn. *Oryza sativa* L.;
Ridl. Fl. Malay Penins. 5: 252. 1925.

"Hab. Selangor, Klang (Burkill)."

Malay Peninsula

Oryza fatua var. *longe-aristata* Ridl. Fl. Malay Penins.
5: 252. 1925.

"Hab. Malacca, Batu Berendam (Burkill)"

Oryza filiformis Buch.-Ham. ex Steud. Syn. Fl. Glum.
1: 3. 1854, as syn. *O. granulata* Nees & Arn.

[name in Buch.-Ham. herb.]

Asia

Oryza formosana Masamune & Suzuki, Trans. Nat. Hist.
Soc. Formosa 25: 320. 1935.

"Hab. Taiho, Chikunan-sho, Shinohiku (leg. Y. Shima-
da 3, Nov. 1926)."

[Taiwan] Formosa

Oryza glaberrima Steud. [name used by]

Portères, Rev. Internat. Bot. Appl. & Agr. Trop. 27:
152. March-April 1947; op. cit. 26: 58. 1946.
(Jan. & Feb.)

Under *Oryza glaberrima* subsp. *vulgaris* Port.
Series *confusa* A. Chev.
proles *confusonigerica* Port.
" *confusosenegambica* Port.
Series *vera* A. Chev.
proles *nigerica* Port.
" *senegambica* Port.

Also *Oryza glaberrima* subsp. *humilis* Port.

Africa

Oryza glaberrima Steud. Syn. Fl. Glum. 1: 3. 1854.

"Legit Jardin in Guinea."

Africa

Oryza glaberrima var. *adnexiflora* Portères, Journ.
Agric. Trop. & Bot. Appl. 2: 588, 598. 1955.

"Typifiée par la race Diassing-Petaou (Manding),
échantillon 4466, Sénégal: Sine-Saloum: Niore-du-Rip,
1943."

Africa

Oryza glaberrima var. *albida* Portères, Journ. Agric.
Trop. & Bot. Appl. 2: 588, 598. 1955.

"Typifiée par la race Essocoya, échantillon 4261,
Casamance: Bignona: Guerina, 1948."

Africa

Oryza glaberrima var. *aspera* Portères, Journ. Agric.
Trop. & Bot. Appl. 2: 588; 598. 1955.

"Typifiée par la race Ouin (Toma), échantillon 1114,
Guinée française: Macenta: Koudou: Bonkamadou, R.
Portères, 1941."

Africa

Oryza glaberrima var. *barbata* Portères, Journ. Agric.
Trop. & Bot. Appl. 2: 588; 598. 1955.

"Typifiée par la race Kouli-sou (Ouere), échantillon
5121, Côte d'Ivoire: pays Ouéré: Toulepleu, R.
Portères, 1944."

Africa

Oryza glaberrima var. *breviglumis* A. Camus & Viguiet,
Subv. fluitans l.o.
Africa

Oryza glaberrima var. *decolorata* Portères, Journ. Agric.
Trop. & Bot. Appl. 2: 588; 598. 1955.

"Typifiée par la race Diassing-Petaou, échantillon
4473, Sénégal: Sine-Saloum: Niore-du-Rip, 1943."

Africa

Oryza glaberrima var. *ebenicolorata* Portères, Journ.
Agric. Trop. & Bot. Appl. 2: 589, 598. 1955.

"Typifiée par la race Sogbon (Kissi), échantillon
2554, Guinée française: Kissidougou: Obengadou, R.
Portères, 1942."

Africa

Oryza glaberrima var. *elongata* Portères, Journ. Agric.
Trop. & Bot. Appl. 2: 589, 598. 1955.

"Typifiée par la race Pedekon (Kissien), échantillon
3768, Guinée française: Queckedou: Quecke-Sayani:
Yaradoule, R. Portères, 1943."

Africa

Oryza glaberrima var. *exasperata* Portères, Journ. Agric.
Trop. & Bot. Appl. 2: 589, 598. 1955.

"Typifiée par la race Dale-Kossa (Sonrhay), échantillon
101 P. Viguiet n° 33, Niger postdeltaique, entre
Bouren et Gao, 1934."

Africa

Oryza glaberrima var. *fulvella* Portères, Journ. Agric.
Trop. & Bot. Appl. 2: 589, 598. 1955.

"Typifiée par la race Sino-Wadeo (Foul), échantillon
5261, Delta Central Nigérien: Mopti: canton Sebira,
Canot et A. Mallamaire, 1945."

Africa

Oryza glaberrima var. *futatoriensis* Portères, Journ.
Agric. Trop. & Bot. Appl. 2: 589, 598. 1955.

"Typifiée par la race Malo-Koyo (Manding),
échantillon 4475, Sénégal: Sine-Saloum: Niore-du-Rip,
1943."

Africa

Oryza glaberrima var. *gambiensis* Portères, Journ. Agric.
Trop. & Bot. Appl. 2: 589, 598. 1955.

"Typifiée par la race Diassing-Petaou, échantillon
4461, Sénégal: Sine-Saloum: Niore-du-Rip, 1943."

Africa

Oryza glaberrima var. *hirsuta* Portères, Journ. Agric.
Trop. & Bot. Appl. 2: 590, 598. 1955.

"Typifiée par la race Essoundian (Manding),
échantillon 4361, Sénégal: Casamance: Guerina, 1943."

Africa

Oryza glaberrima var. *hirtella* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 589, 598. 1955.

"Typifiée par la race Diassing-Petaou, échantillon 4443, Sénégal: Sine-Saloum: Nioko-du-Rip, 1943."

Africa

Oryza glaberrima var. *hispida* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 590, 598. 1955.

"Typifiée par la race Bouyediama (Peulh), échantillon 5225, Delta Central Nigérien: Mopti, M. Canoz, 1944."

Africa

Oryza glaberrima ssp. *humilis* Portères, Rev. Bot. Appl. 26: 58. 1946. (279-280: 58. 1946 ?)

French Guiana

"Exsiccatae: O. glab. subsp. *humilis*. Herb. R. Portères, no. 859 et 5161 de Danane (Côte d'Ivoire); 970 de Macenta (Guinée française), et autres lieux (1937-1944)."

Oryza glaberrima Steud. prol. *indicoides* Portères, Rev. Bot. Appl. 30: 152. 1950.

No loc. cited. Africa

Oryza glaberrima prol. *indojaponicoides* Portères, Rev. Bot. Appl. 30: 153. 1950.

No loc. cited. Africa

Oryza glaberrima prol. *japonicoides* Portères, Rev. Bot. Appl. 30: 152. 1950.

No loc. cited. Africa

Oryza glaberrima var. *latigluma* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 590, 598. 1955.

"Typifiée par la race Konga (Kissi), échantillon 2587, Guinée française: Kissidougou: Faraya: Heremankono, R. Portères, 1943."

Africa

Oryza glaberrima var. *leucosperma* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 590, 598. 1955.

"Typifiée par la race Ekoureye, échantillon 4267, Sénégal: Casamance: Bignona: Nioko-du-Rip, 1943."

Africa

Oryza glaberrima var. *longearistata* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 590, 598. 1955.

"Typifiée par la race Balah (Manding), échantillon 4458, Sénégal: Sine-Saloum: Nioko-du-Rip, 1943."

Africa

Oryza glaberrima var. *longiglumis* Roshev ex Chevalier, Rev. Bot. Appl. 12: 1026. 1932, without descr.; Roshev. ex A. Camus,

subv. fluitans A. Camus & Viguiier l.o. Récolté à Gao. Cultivé dans la vallée du Niger, entre Soudan et Gao." Soudan

Chevalier cites "Casamance (Chevalier, no. 2002)."

Cult. in West Africa

Oryza glaberrima var. *luteobarbata* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 590, 598. 1955.

"Typifiée par la race Guirakpa (Guéré), échantillon 5095, Côte d'Ivoire: pays Guéré: Toulepleu, R. Portères, 1944."

Africa

Oryza glaberrima var. *maliensis* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 591, 598. 1955.

"Typifiée par la race Pendekon (Kissi), échantillon 2876, Guinée française: Queckedou: Temessalou: Bindou: 1942."

Africa

Oryza glaberrima var. *media* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 591, 598. 1955.

"Typifiée par la race Ma-ti (Dan), échantillon 5354, Côte d'Ivoire: pays Dan: Man: Souin: Vongouin, R. Portères, 1944."

Africa

Oryza glaberrima var. *mossiensis* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 591, 599. 1955.

"Typifiée par la race Kami-gbe (Bobo), échantillon 2115, Haute-Côte d'Ivoire: pays Mossi: Bobo-Dioulasso, 1941."

Africa

Oryza glaberrima var. *neo-aspera* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 592, 599. 1955.

"Typifiée par la race Bagaye (Toma), échantillon 1106, Guinée française: Macenta: Koodou: Doudoukodou, R. Portères, 1941."

Africa

Oryza glaberrima var. *neo-barbata* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 592, 599. 1955.

"Typifiée par la race Baga (Toma), échantillon 1119, Guinée française: Macenta: Konokoro-Toma: Sankolodou, R. Portères, Oct. 1941."

Africa

Oryza glaberrima var. *neo-elongata* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 592, 599. 1955.

"Typifiée par la race Obaka (Toma), échantillon 1117, Guinée française: Macenta: Vekema: Nzebela, R. Portères, Octobre 1941."

Africa

Oryza glaberrima var. *neo-media* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 592, 599. 1955.

"Typifiée par la race Obaga-fing (Toma), échantillon 1112, Guinée française: Macenta: Koadou: Diomandou, R. Portères, Octobre 1941."

Africa

Oryza glaberrima var. *neo-scoparia* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 592, 599. 1955.

"Typifiée par la race Baouli (Toma), échantillon 1115 bis, Guinée française: Macenta: Oulemaye, R. Portères, Oct. 1941."

Africa

Oryza glaberrima var. *nigeriana* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 591, 599. 1955.

"Typifiée par la race Samban (Kissi), échantillon 2666, Guinée française: pays Kissi: Queckedou: Kamara, R. Portères, 1943."

Africa

Oryza glaberrima var. *nigrohirtella* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 591, 599. 1955.

"Typifiée par la race Bla-Ble (Tepo), échantillon 19,660, Herb. A. Chevalier, Juillet 1907, Côte d'Ivoire: Bas-Cavally: pays Tepo, village Grabo."

Africa

Oryza glaberrima var. *nigrohispida* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 591, 599. 1955.

"Typifiée par la race Kongo (Malinké), échantillon 915, Guinée française: route de Kissidougou à Faranah: village de Banian, R. Portères, 1939."

Africa

Oryza glaberrima var. *perpusilla* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 592, 599. 1955.

"Typifiée par la race Imbiligui (Toma), échantillon 970, Guinée française: Macenta: Koodou: Mivaralazou, R. Portères, 1941."

Africa

Oryza glaberrima var. *pudica* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 593, 599. 1955.

"Typifiée par la race Tounkoulagui (Dan), échantillon 891, Côte d'Ivoire: pays Dan: Danane: Kale, R. Portères, 1938."

Africa

Oryza glaberrima var. *pulchra* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 593, 599. 1955.

"Typifiée par la race Goué-Sié (Dan), échantillon 858, Côte d'Ivoire: Danane: Kale, R. Portères, 1938."

Africa

Oryza glaberrima var. *reticulata* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 593, 599. 1955.

"Typifiée par la race Djifoma (Manding), échantillon 4262, Sénégal: Casamance: Guérina, 1943."

Africa

Oryza glaberrima var. *rigida* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 593, 599. 1955.

"Typifiée par la race Missibon (Manding), échantillon 4393, Sénégal: Sine-Saloum: Nioko-du-Rip, 1943."

Africa

Oryza glaberrima var. *robusta* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 593, 599. 1955.

"Typifiée par la race Diassimba (Manding), échantillon 4395, Sénégal: Sine-Saloum: Nioko-du-Rip, 1943."

Africa

Oryza glaberrima var. *rustica* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 593, 599. 1955.

"Typifiée par la race Sagbakatouo (Toma), échantillon 1101, Guinée française: pays Toma: Macenta: Apouaria, R. Portères, 1941."

Africa

Oryza glaberrima var. *salumensis* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 593, 599. 1955.

"Typifiée par la race Diassimba 53-25, échantillon 4470, Sénégal: Sine-Saloum: Nioko-du-Rip, 1943."

Africa

Oryza glaberrima var. *scoparia* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 594, 599. 1955.

"Typifiée par la race Obaga-fing (Toma), échantillon 1111, Guinée française: pays Toma: Macenta: Koodou: Diomandou, R. Portères, 1941."

Africa

Oryza glaberrima var. *semifulvella* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 594, 599. 1955.

"Typifiée par la race Koibane-Kossa (Sonrhail), échantillon P. Viguiier, n° 34, Niger post-deltaïque: Gao, Nov. 1933."

Africa

Oryza glaberrima var. *sonrhainica* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 594, 599. 1955.

"Typifiée par la race Barkaneye-Bero (Kurtaye), échantillon 4375, Niger français: Niamey: Tillabery, M. Marchal, 1943."

Africa

Oryza glaberrima ssp. *Stapfii* (Roshev.) Chevalier, Rev.
Bot. Appl. 12: 1026. 1932.

Based on *O. Stapfii* Roshev.

Africa

Oryza glaberrima ssp. *Stapfii* var. *breviglumis* A. Camus
& Viguiet,

subv. *fluitans* A. Camus & Viguiet l.c.

"Recolté à Gamitogo (type).--Cultivé dans le S.W.
du delta nigérien; Pondory, Derrary, Djennery-
Djennenne."

Africa

Oryza glaberrima ssp. *Stapfii* var. *longiglumis* Chevalier
Rev. Bot. Appl. 12: 1026. 1932.

subv. *fluitans* A. Camus & Viguiet *Riz flottants* du
Soudan Recolté près de Gao--
Cultivé dans la vallée du Niger, entre Bourem
et Gao.

"Sénégal, cultivé à Fissel (Vitard, in coll. Trochain
no. 803."

Africa

Oryza glaberrima var. *subaristata* Roshev. Bull. Appl.
Bot. Fl. Breed. 27: 60, fig. 46, 47. 1931.

Soudan français: Station agronomique de Koulikoro,
introduit dans la région de Syguiri 26. IX. 1910.
No. 25004. A. Chevalier!"

Africa

Oryza glaberrima var. *sudanica* Portères, Journ. Agric.
Trop. & Bot. Appl. 2: 594, 599. 1955.

"Typifiée par la race Kana (Paul), échantillon 5200,
Delta Central Nigérien: Bras du Diaka: Macina: Koumbo-
Niasso: Kamaka-Sebe, 1944.

Africa

Oryza glaberrima var. *vera* Chevalier, Rev. Bot. Appl.
12: 1026. 1932.

Dans ce groupe rentrent toutes les variétés de *Riz*
cultivés en Afrique Occ. avec les épillets complétement
glabres mutiques ou aristés. D'où les variétés:

var. *mutica* A. Chev.
" *subaristata* Roshev.
" *longiglumis* Roshev. Casamance (Chevalier,
n. 2002)
without description

West Africa

Oryza glaberrima prol. *verindicoides* Portères, Rev.
Bot. Applique 30: 153. 1950.

No loc. cited

Africa

Oryza glaberrima ssp. *vulgaris* Portères, Rev. Bot. Appl.
26: 58. 1946. (279-280: 58. 1946 ?)

Nigeria, Africa

Includes:

Series *vera* A. Chev.
proles *nigerica* prol. sp. (Description p. 57)
proles *senegambica* prol. sp. (" 57)

Series *confusa* A. Chev.
proles *confusonigerica* prol. sp. (without descrip-
tion)
proles *confusosenegambica* prol. sp. ")

Africa

Oryza glumapetala Steud. Syn. Fl. Glum. 1: 3. 1854.

"*O. sativa* Hochst. in Hrbo. Hostm. nr. 1195. O
Culta in Surinam." Dutch Guiana

Oryza glutinosa Lour. Fl. Cochinch. 215. 1790.
ed. 2. 267. 1793.

Cochinchina

Oryza grandiglumis (Döll) Prod. in Mez, Bot. Archiv
1: 233. 1922.

Based on *Oryza sativa* var. *grandiglumis* Döll.

Brazil

List
Oryza granulata Nees in Wall. Cat. p. 8634. 1849, nom.
nud.; Steud. Syn. Fl. Glum. 1: 3. 1854, nom. nud.

"Catal. Wight hrbr, nr. 2354. *O. filiformis* Hamilt.
Hrbr. *O. triandra* Hayn. hrbr."

India

Oryza granulata Nees & Arn. ex Hook.f. Fl. Brit. Ind.
7: 93. 1896.

"Wight Cat. n. 2354, ex Wall. Cat. n. 8634."

"*Padia meyeriana* Zoll. & Mor. Verz. 103." cited as
syn.; this basis of *Oryza meyeriana* (Zoll. & Mor.)
Baill.

India

Oryza guineensis Chevalier, Rev. Bot. Appl. 12: 1022.
1932, as syn. of *Oryza brachyantha* var. *guineensis*
Chevalier.

Africa

Oryza hexandra Doell in Mart. Fl. Bras. 2²: 10. 1871.

Based on "*Leersia hexandra* Swartz"

" " " " Jamaica

Oryza hexandra var. *grandiflora* Doell, in Mart. Fl.
Bras. 2²: 11. 1871.

"varietatem *grandifloram* prope Buenos Ayres,
cl. Andersson."

= *Leersia*

Oryza jeyporensis Govindaswami & Krishnamurthy, Sci. and
Cult. 24: 234-236. 1958.

[Bor p. 606] not seen by Bor

"Type collected in Orissa."

Oryza latifolia Beauv. Ess. Agrost. 27, 168. 1812.
nom. nud.

Oryza latifolia Desv. Journ. de Bot. Desv. II.
1: 77. 1813.

"Habitat in Carolina [error] insulaire Portorici."

West Indies

Oryza latifolia var. *collina* Hook.f. Fl. Brit. Ind.
7: 93. 1896.

"*O. sativa* var. *collina* Trim. Hss.-Ceylon; hills
about Colombo and in the Western Provinces."

Ceylon

Oryza latifolia var. *grandiglumis* (Doell) Chevalier,
Rev. Bot. Appl. 12: 1027. 1932.

O. sativa var. *grandiglumis* Doell

Brazil

Oryza latifolia var. *grandispiculis* Chevalier, Rev.
Bot. Appl. 12: 1027. 1932.

"Brésil Boa Vista, au Para (Dahlgren et Sella, no. 60
Herb. New York. Paraguay: Pilcomayo River (T. Morong,
no. 949) Herb. New York."

Oryza latifolia var. *silvatica* A. Camus, Bull. Mus.
Hist. Nat. 27: 456. 1921.

"Cochinchine: Budop, près Thu-dau-mot (Poilane)."

Asia

Oryza leersoides Steud. Syn. Fl. Glum. 1: 3. 1854.

(as new *saillou*, Bull. Soc. Linn. Paris 2: 1062. 1892
same basis)

Based on "*Maltebrunia leersoides* Kunth"

Madagascar

Oryza longiglumis F. Jansen, Reinwardtia 2: 312. 1953.

Only known from New Guinea, Western Division, Tarara,
Bras 8721 (type; Herb. Lugd. Bat.) in a small swamp
along a river, at low altitude.

Oryza longistaminata Chev. & Roehrich, Rend. Comp.
Acad. Sci. Paris 159: 561. 1914.

Said to be described in Journ. l'Agr. Practiq. Pays
Chauds 1911.-- several long articles on *Riz* du
Sénégal, but no scientific name can be found---
propagated by rhizomes.

"Soudan égyptien (Pirstig), Tanganyika (Zimmermann),
Congo belge (P. Gillet)."

Africa

Oryza malampuzhaensis Krishnaswamy & Chandrasekharan,
Madras Agric. Journ. 45: 471-72. 1958.

Not seen by Bor

Oryza manillensis Merr. Philip. Journ. Sci. C. Bot.
3: 219. 1908.

"Bur. Sci. 2194 Ramas."

"Luzon, Province of Rizal, Antipolo."

Philippines

Oryza marginata (Desv.) Steud. Nom. Bot. 577. 1821.

Based on *Oryza sativa marginata* Desv.

India

Oryza mexicana Doell in Mart. Fl. Bras. 2²: 10. 1871.

Based on "*Leersia mexicana* Humb. Bonpl. Kunth"

= *Leersia hexandra* T

(Zoll. & Mor.)
Oryza meyeriana Baill. Hist. Des. Fl. 12: 166. 1893.

Based on *Padia meyeriana* Zoll. & Mor.

Java. "prope Tjikoyam 27 Nov. 1842. No. 718."

= *Oryza meyeriana* Baill.

see Bor, Fl. Assam 5: 172. 1940.

Oryza Mezii Prod. in Mez, Bot. Archiv. 1: 223. 1922.

"Central-Afrika, Ghasal- Quellgebiet, im Lande der
Djur (Schweinfurth nr. 2322)."

Oryza minuta Fresl., Rel. Haenk. 1: 208. 1830.

"insula Luzonia" Haenke.

Oryza minuta ssp. *punctata* (Kotschy & Steud.) Chevalier, Rev. Bot. Appl. 12: 1025. 1932.

O. punctata Kotschy & Steud.
Nubia, Africa

Oryza minuta ssp. *punctata* var. *silvatica* (Camus) Chevalier, Rev. Bot. Appl. 12: 1025. 1932.

Based on *O. latifolia* var. *silvatica* Camus
Cochinchina

Oryza monandra Doell, in Mart. Fl. Bras. 2^o: 9. 1871.

Based on *Leersia monandra* Swartz

= " " "
Jamaica, Swartz

Oryza monandra var. *grandiflora* Doell in Mart. Fl. Bras. 2^o: 9. 1871.

"varietas grandiflora ad Caldas in prov. Minarum a cl. Regnell nuperrime sub. n. III. 1402 transmissa."

Brazil

= *Leersia*

Oryza monandra var. *parviflora* Doell in Mart. Fl. Bras. 2^o: 9. 1871.

"varietatis parviflorae forma latifolia a cl. Sello in Brasilia meridionali lecta."

= *Leersia*

Oryza montana Lour. Fl. Cochinch. 215. 1790; ed. 2. 267. 1793.

= *sativa*, fide Merr. Philip. Fl. Pl.

Oryza montana Buch.-Ham. in Wall. Cat. n. 8633. 1849, nom. nud.

India

Oryza mutica (Lour.) Steud. Nom. Bot. 577. 1821.

Based on *Oryza sativa mutica* Lour.

Cochinchina?

Oryza nepalensis G. Don. ex Loud. Hort. Brit. 139. 1830, without description.

Nepal, India

Oryza officinalis Wall. Cat. n. 8635. 1849, nom. nud.; List ex Steud. Syn. Fl. Glum. 1: 3. 1854, nom. nud.

India "Wall. Cat. nr. 8635." List

Oryza oryzoides (L.) Schinz & Thellung, Verz. Säm. Bot. Gart. Zürich 1906: 3. ; Dalla Torre & Sarnth. Fl. Tirol 6: 142. 1906.

"*Phalaris oryzoides* L." = *Leersia oryzoides* (L.) Swartz

1. (140) *O. oryzoides* (L.) nob., *Phalaris oryzoides* L. (1753), *Leersia oryzoides* Sw. (1788), *Oryza olandestina* A. Br. (1861).--A. u. G. l. o. p. 12. Unter Schilf und hohem Rohricht in Sumpfen und an Graben, auch in Maisfelder der Niederungen.

Oryza oryzoides Brand ex Fiori, Icon. Fl. Ital. ed. 2 20, fig. 143. 1921, without description.

cf. Dalla Torre 1906.

"It. bor. centr., Nap., Cors. "--
Italy--Corsica

Oryza oryzoides var. *patens* (Wiesb.) Druce, Brit. Fl. List Ed. 2. 124. 1928, without description.

Britain

No basis cited

Oryza palustris Salisb. Prod. 25. 1796.

Based on *O. sativa* Linn."

= " " "
Europe

Oryza paraguayensis Sampath, Bot. Mag. Tokyo 74: 271. 1961.

"No record of this specific name being published according to the rules of nomenclature. The South American plants given this specific name are taxonomically identical with *O. alta* Swallen, and according to the rules this latter would be the valid name."

Oryza paraguayensis Wedd. ex E. Fourn. Compt. Rend. Congr. Intern. Bot. & Hort. Paris 1878: 233. 1880.

in adnot. Bras. (Matto Grosso)

Oryza paraguayensis Wedd. ex Franch. Bull. Soc. hist. nat. Autun 8: 365. 1893, as synonym of *Oryza sativa paraguayensis*. See same 1880.

[spelled *Oriza*]

Paraguay

O. paraguayensis in Sampath. Bot. Mag. Tokyo 74: 269. 1961.

Oryza parviflora Beauv. Ess. Agrost. 27, 168. 1812, nom. nud.

Oryza parviflora Baill. Bull. Soc. Linn. Paris 2: 1063. 1892.

Based on *Potamophila parviflora* R. Br.

Australia

Oryza perennis Moench. Meth. Fl. 197. 1794.

"h. in frigidario" cult.

Oryza perennis ssp. *Barthii* (Chevalier) Chevalier, Rev. Bot. Appl. 12: 1028. 1932.

Based on *O. Barthii* Chevalier

Africa

Oryza perennis var. *glumaeapatula* (Steud.) Chevalier, Rev. Bot. Appl. 12: 1028. 1932.

Based on *O. glumaeapatula* Steud.

Dutch Guiana

Oryza perennis ssp. *madagascariensis* Chevalier, Rev. Bot. Appl. 12: 1030. 1932.

"Madagascar région W (Boïna), bords d'un ruisseau à Ampanimenbera (Ferrier de la Bathie, no. 11239)."

Oryza perennis var. *paraguayensis* (Franch) Chevalier, Rev. Bot. Appl. 12: 1028. pl. 6. 1932.

O. paraguayensis Wedd. cited.
[*O. sativa* var. *paraguayensis* Franch.]
Paraguay

Oryza Ferrieri A. Camus, Bull. Soc. Bot. France 73: 690. 1926.

"Madagascar: bords d'un lac près de Majunga (Ferrier de la Bathie, no. 17323)."

Oryza platyphylla Schult. f. in Roem. & Schult. Syst. Veg. 7: 1364. 1830.

Based on "*Oryza* latifolia Humb. & Bonpl." Not Desv.

= *O. latifolia* Desv.--fide A.S.H.

Oryza plena (Frain) Chowdhury, Indian Forester 75: 497. 1952. (in obs.): *O. sativa* var. *plena*.*

**O. sativa* var. *plena* Frain ex Ehde, Agric. Journ. India 14: 494. 1919.

"Cult. in Bengal." India

Oryza praecox Lour. Fl. Cochinch. 215. 1790; ed. 2. 267. 1793.

Cochinchina

Oryza prehensilis (Nees) Steud. Syn. Fl. Glum. 1: 3. 1854.

(same Baillon, Bull. Soc. Linn. Paris 2: 1063. 1892. based on *Potamophila prehensilis* Benth.)

this based on *Maltebrunia prehensilis* Nees.

Cape Good Hope, Drège.

Oryza pubescens Steud. Nom. Bot. 577. 1821.

Based on *Oryza sativa pubescens* Desv.

Italy

Oryza pumila Hort. ex Steud. Nom. Bot. ed. 2. 2: 234. 1841, nom. nud.

[cult.] no locality

Oryza punctata Kotschy ex Steud. Syn. Fl. Glum. 1: 3. 1854.

**O. sativa* Hochst. Hrbr. nub. nr. 136. ♂ Nubiae." cited.
Africa

Oryza repens Buch.-Ham. ex Steud. Syn. Fl. Glum. 1: 3. 1854, as syn. *O. sativa* L.

"Hamil. hrbr."

India?

Oryza ridleyi Hook.f. Fl. Brit. Ind. 7: 93. 1896.

"Malay Peninsula; Pahang, in dense thickets, Ridley. Borneo."

Oryza rubra Hort. Fillnitz. ex Walp. Ann. 1: 924. 1848-49; as syn. of *Panicum mirabile* A. Braun.

? = *Echinochloa*

Oryza rubribarbis (Desv.) Steud. Nom. Bot. 577. 1821.

Based on *Oryza sativa rubribarbis* Desv.
cult. N. America

Oryza rufipogon Griff. Not. Fl. Asia 3: 5. pl. 144. f. 2
1851.

"In aquis (Jheels diotis,) prope Hubbe-Junge et
Nubbegunge. Eastern part of Bengal Oct. 1, 1835."

India

Oryza sativa L.

For classification of varieties, many new, see *Essai
de Classification Botanique des Riz Cultives*, by O.O.
Gustoline (Riz et Riziculture 8: 1-52. 1934.

ssp. *communis* Gustel
" *brevis* Gustel
numerous varieties

For Wild Species of *O. sativa* see Chevalier, Rev.
Bot. Appl. Agr. Trop. 12: 135-136. 1932.

Oryza sativa L. Sp. Pl. 333. 1753.

"Habitat forte in Aethiopia, colitur in Indiae
paludosis."

Oryza sativa Hochst. ex Steud. Syn. Fl. Glum. 1: 3.
1854, as syn. *O. glumaepatula* Steud.

"Herbo. Hosta. nr. 1195."

cult. Surinam

Oryza sativa Porterés, Rev. Internat. Bot. Appl. & Agr.
Trop. 27: 152. March-April 1947; op. cit. 26: 56.
1946. (Jan. & Feb.)

Under *Oryza sativa* subsp. *communis* Gustolin, Riz et
Riziculture 8: 1934.

series *pilosa* Port. (Kato)
proles *indica* Gustolin
" *japonica* (Kato)
series *nuda* Port.
proles *nudindica* Port.
" *nudijaponica* Port.

Under *Oryza sativa* subsp. *brevis* Gustolin Riz et
Riziculture 8: 1934.

Oryza sativa var. *acutiligula* Miq. Fl. Ind. Bat.
3: 370. 1855.

Dutch East Indies

Oryza sativa var. *adversosolana* Porterés, Journ. Agric.
Trop. & Bot. Appl. 2: 573, 595. 1955.

"Typifiée par la race Bô; échant 2188, Côte d'Ivoire:
Pays Dida: Lakota, R. Porterés, 1942."

Africa

Oryza sativa var. *affinis* Koke. in Koke. & Wern.
Handb. Getreideb. 1: 234, 237. 1885.

Cult. Java

Oryza sativa var. *alaotrana* Porterés, Journ. Agric.
Trop. & Bot. Appl. 2: 573, 595. 1955.

"Typifiée par la race Mamoriaka (malgache); échan-
tillon 4254, Soudan français: Station rizicole de
Kayo, introd. de Madagascar: Lac Alaotra, Vincent,
1943."

Africa

Oryza sativa var. *alba* Miq. Fl. Ind. Bat. 3: 369. 1855.

Dutch East Indies

Oryza sativa alba Alef. Landwirth. Fl. 317. 1866.
[trinomial]

Java

not ? Miq. 1855

Oryza sativa var. *alterogensis* Porterés, Journ. Agric.
Trop. & Bot. Appl. 2: 573, 595. 1955.

"Typifiée par la race Djirabledjedjie; échantillon
2210, Côte d'Ivoire: Pays Neyo: Sassandra, R. Porterés
1942."

Africa

Oryza sativa var. *amaura* Alefeld, Landw. Fl. 318. 1866.

Java

Oryza sativa var. *angusta* Porterés, Journ. Agric. Trop.
& Bot. Appl. 2: 574, 595. 1955.

"Typifiée par la race Koinoussan; échantillon 2540,
Guinée française: pays Kissi: Kissidougou: Dondiam:
Dambadou, R. Porterés, 1943."

Africa

Oryza sativa var. *anthropophaga* Porterés, Journ. Agric.
Trop. & Bot. Appl. 2: 574, 595. 1955.

"Typifiée par la race Ti; échantillon 2035, Côte
d'Ivoire: Pays Quere: Duekue, R. Porterés, 1941."

Africa

Oryza sativa var. *aristata* A. Rich in Sagra Hist.
Cuba 11: 296. 1850.

"Crescit et colitur in locis inundatis insulae
Cubae (Vuelta de Abajo)"

Cuba

Oryza sativa var. *aristata* A. Braun, Ind. Sem. Hort.
Berol. 4. 1857. nom. nud.

Oryza sativa var. *aristata* Franch. in Bull. Soc. hist.
nat. Autun 8: 365. 1893. Not A. Rich 1850.

"Hab.--Bouanga, dans la région du Niari (Thollon,
n. 1080)."

Africa

Oryza sativa var. *atra* Koke. in Koke. & Wern. Handb.
Getreideb. 1: 234, 237. 1885.

Cult. Java

Oryza sativa var. *atrofusca* Koke. in Koke. & Wern.
Handb. Getreideb. 1: 233, 236. 1885.

Java

Oryza sativa f. *atropurpurea* Makino, Practical Horticult.
25 (No. 11): 1259. 1940.

Japan ?

Oryza sativa var. *auriculata* Porterés, Journ. Agric.
Trop. & Bot. Appl. 2: 574, 595. 1955.

"Typifiée par la race Depoli; échantillon 982, Guinée
française: Pays Toma: Macenta: Ouziamoye: Sevelazou,
R. Porterés, Sept. 1941."

Africa

Oryza sativa var. *badia* Porterés, Journ. Agric. Trop. &
Bot. Appl. 2: 574, 595. 1955.

"Typifiée par la race Kalo-hayo; échantillon 4287,
Casamance: pays Manding: Querina, R. Porterés, 1943."

Africa

Oryza sativa var. *balantensis* Porterés, Journ. Agric.
Trop. & Bot. Appl. 2: 574, 595. 1955.

"Typifiée par la race Toma-Balante, 'Riz Toma venant
du pays des Balantes'; échantillon, 1690, Guinée
française: pays Malou: Boko: Bel-Air, J. Gelormini,
1942."

Africa

Oryza sativa var. *Baumannii* Koke. & K. Schum. in Engler,
Pflanzenwelt Ost.-Afr. B. 61. 1895.

"von Baumann....in Bondei gesammelt."

Africa

Oryza sativa var. *Binamban Blanco*, Fl. Filip. ed. 1.
273. 1837.

Philippines.

Oryza sativa prol. *brevijaponica* Porterés, Rev. Bot.
Appliq. & Agr. Trop. 30: 151. 1950.

No loc. cited.

Oryza sativa prol. *brevindica* Porterés, Rev. Bot.
Appliq. & Agr. Trop. 30: 151. 1950.

No loc. cited.

Oryza sativa ssp. *brevis* Gustolin, Riz & Riziculture
8: 1-45. 1934.

[U.S.S.R.]

Oryza sativa ssp. *brevis* Gust. var. *violaceobrevis* Vaso.
Anais Inst. Superior Agronomica 19: 3. 1952.

Exemplar proveniente da Guiné, enviado pelo. Eng.
Agron. António Rodrigues de Castro, LISA.

Oryza sativa var. *Brumnea* Koke. in Koke. & Wern.
Handb. Getreideb. 1: 233, 236. 1885.

Cult. Java

Oryza sativa var. *calvescens* Miq. Fl. Ind. Bat. 3: 369.
1855.

Dutch East Indies

Oryza sativa subsp. *caroliniana* Ostiglion, Rel. intorno
Condiz. Agric. Italia 1876. Körn. & Wern. Handb.
Getreid. 2: 941. 1885. not verified.

Cult.

Oryza sativa var. *Caspica* Koke. in Koke. & Wern.
Handb. Getreideb. 1: 233, 236. 1885.

"An der Westküste des kaspischen meeres, gesammelt
von Weidemann."

Oryza sativa var. *castanea* Porterés, Journ. Agric. Trop.
& Bot. Appl. 2: 575, 595. 1955.

"Typifiée par la race Mianliora (Nguerze); échantillon
1645, Guinée française: pays Kpelle-Nguerze: Nzerekore
Zogota: Mabouan, Porterés, Dec. 1941."

Africa

Oryza sativa var. *atalonica* Koke. in Koke. & Wern.
Handb. Getreideb. 1: 233, 236. 1885.

No locality cited Spain ?

Oryza sativa var. *caucasica* Batal. ex Tutteff, Bot.
Arch. 26: 154. 1929.

[Bulgaria]

Oryza sativa var. *chlamydantha* Porteres, Journ. Agric.
Trop. & Bot. Appl. 2: 575, 595. 1955.

"Typifiée par la race Bazimologui; échantillon 1017,
Guinée française: pays Toma: Macenta: Koodou: Bokoni,
Porteres, 1941."

Africa

Oryza sativa var. *chlorocarpa* Koern. ex Sickenb. Mém.
Inst. Egypt. 4: 305. 1901, short descr. in key.
"Krke in litt."

"Charabas! Fayoum"

Egypt

Oryza sativa var. *collina* Trim. Journ. Bot. 27: 169.
1889.

"C. P. [Ceylon plants] 2876 of Thwaites' distribution
...collected at Kurunegala....Beligala Kande, near
Ke galla....recorded by Jevors."...Ceylon.

Oryza sativa ssp. *communis* Gustchin, Riz & Riziculture
8: 1-45. 1934.

U.S.S.R. ?

Oryza sativa ssp. *communis* prol. *indica* Gustchin, Riz
& Rizicult. 8: 28. 1934.

vars. pp. 29-32, numerous "vars." with Latin names
but no description but color of glumelles, all
Gustchin.

Oryza sativa ssp. *communis* prol. *japonica* Gustchin, Riz
& Rizicult. 8: 33. 1934.

vars. pp. 33-39, numerous "vars." with Latin names but
no description but color of glumelles, all Gustchin

Oryza sativa ssp. *communis* series *nuda* Portères, ser.
nov., Rev. Bot. Appl. 26: 56. 1946.
(279-280: 56. 1946.)

Includes:

proles *mudindica* Portères, prol. nov.
proles *mudijaponica* Portères, prol. nov.

Oryza sativa ssp. *communis* series *pilosa* Portères, ser.
nov., Rev. Bot. Appl. 26: 56. 1946.
(279-280: 56. 1946.)

Includes:

proles *indica* (Kato) Gustchin
proles *japonica* (Kato) Gustchin

Oryza sativa var. *costivorensis* Porteres, Journ. Agric.
Trop. & Bot. Appl. 2: 575, 595. 1955.

"Typifiée par la race Tabou; échantillon 5151, Côte
d'Ivoire: pays des Dan: Danane, R. Porteres, 1944."

Africa

Oryza sativa *culinaris* Alefeld, Landw. Fl. 318. 1866.

Java

Oryza sativa *cyclina* Alefeld, Landw. Fl. 319. 1860.

Java

Oryza sativa var. *daloensis* Porteres, Journ. Agric.
Trop. & Bot. Appl. 2: 575, 595. 1955.

"Typifiée par l'échantillon 2167, Côte d'Ivoire: pays
Bete: Daloa, Porteres, 1941."

Africa

Oryza sativa var. *denudata* Desv. Journ. Bot. II.
1: 77. 1813.

"Cultivé en Italie."

Oryza sativa var. *Desvauxii* Koke, in Koke. & Wern.
Handb. Getreideb. 1: 233, 236. 1885.

Java

Oryza sativa var. *dextrinosa* Porteres, Journ. Agric.
Trop. & Bot. Appl. 2: 576, 595. 1955.

"Typifiée par la race Ougoubou-houla-diguizou;
échantillon 965, Guinée française: pays Toma: Macenta:
Ouziamoi: Sevelazou, Porteres, 1941."

Africa

Oryza sativa var. *dubia* Koke, in Koke. & Wern. Handb.
Getreideb. 1: 234, 237. 1885.

Java

Oryza sativa var. *Edeniana* Koke, in Koke. & Wern.
Handb. Getreideb. 1: 234, 237. 1885.

Java

Oryza sativa var. *elongata* Desv. Journ. Bot. II. 1: 76.
1813.

"Cultivé au Brésil."

Oryza sativa var. *erythroceros* Koke, in Koke. & Wern.
Handb. Getreideb. 1: 232, 235. 1885.

Java

Oryza sativa prol. *eu-indica* Portères, Rev. Bot.
Appliq. Agr. Trop. 30: 150. 1950.

no loc. cited

Oryza sativa prol. *eu-japonica* Portères, Rev. Bot.
Appliq. Agr. Trop. 30: 150. 1950.

No loc. cited

Oryza sativa var. *Falca-Aurea* Porteres, Journ. Agric.
Trop. & Bot. Appl. 2: 576, 595. 1955.

"Typifiée par la race Bazimologui; échantillon 1015,
Guinée française: pays Toma: Macenta: Koodou: Bokoni,
Porteres, 1941."

Africa

Oryza sativa var. *Fayoumensis* Koern. ex Sickenb. Mém.
Inst. Egypt. 4: 306. 1901.
Fayoum, Egypt.

Oryza sativa var. *flagella* Porteres, Journ. Agric. Trop.
& Bot. Appl. 2: 576, 595. 1955.

"Typifiée par la race Yema-Sobon; échantillon 2668,
Guinée française: pays Kissien: Quekedou: Sama-
Sanakongo: Omet, Porteres, 1943."

Africa

Oryza sativa var. *flammea* Porteres, Journ. Agric. Trop.
& Bot. Appl. 2: 576, 595. 1955.

"Typifiée par la race Borokpoa; échantillon 2323,
Côte d'Ivoire: pays Bete: Issia, Porteres, 1941."

Africa

Oryza sativa var. *flammeorufa* Portères, Journ. Agric.
Trop. & Bot. Appl. 2: 576, 595. 1955.

"Typifiée par la race Obale; échantillon 1143, Côte
d'Ivoire: pays des Dan: Man: Gbepleu; Portères, 1941."

Africa

Oryza sativa var. *flavescens* Miq. Fl. Ind. Bat. 3: 370.
1855.

Dutch East Indies

Oryza sativa var. *flavocaries* Kara-Murza ex Zhuk. Turq.
Agric. (Acad. Sci. Agr. Inst. Product. Veget. Moscou)
333, 839. 1933.

Turkey, Anatolia, Asia

Oryza sativa var. *fuscescens* Koern. in Sickenb. Mém.

Inst. Egypt 4: 306. 1901.

"Koke. in litt."

"Damiette! Fayoum!" Egypt

Oryza sativa var. *gilvaaristata* Brzez. ex Zhuk. Turquie
Agric. (Acad. Sci. Agr. Inst. Product. Veget.
Moscou) 333, 839. 1933.

[U.S.S.R.]

Oryza sativa var. *glutinosa* Blanco, Fl. Filip. ed. 1.
273, 1837.

[see Tanaka ex A. Camus 1923]

No loc. cited. Philippines

Oryza sativa II. *glutinosa* (Lour.) Körn. in Körn. &
Wern. Handb. Getreid. 2: 947. 1885.

Based on *Oryza glutinosa* Lour.

Cochinchina

*
[II category not indicated]

Oryza sativa var. *glutinosa* Tanaka ex Camus Fl. ^{ven}.
Indo-Chine 7: 500. 1923. Not Blanco 1837.

A. Camus l.c.

Oryza sativa *glutinosa* Iabrova, Trudy Azerbaid. Sel-
Khoz Inst. 2: 1935.

var. *subalba* p. 49, 50.

[see *O. sativa* var. *glutinosa* Blanco, 1837.

Persia

Oryza sativa II. *glutinosa* var. *affinis* Körn. in Körn.
& Wern. Handb. Getreid. 2: 947. 1885.

"Im ostindischen Archipel."

*
[II category not indicated]

Oryza sativa II. ^{*} glutinosa var. alba (Alef.) Körn. in Körn. & Wern. Handb. Getreid. 2: 948. 1885.

"Im ostindischen Archipel."
[II. category not indicated]

Oryza sativa var. glutinosa svar. aristata A. Camus, Fl. Gen. Indo-Chine 7: 500. 1923.

Indo-Chine

Oryza sativa II. ^{*} glutinosa var. atra Körn. in Körn. & Wern. Handb. Getreid. 2: 949. 1885.

"Scheinfrucht gelbrötlich, Grannen dunkelviolettbraun" only description.

Kétan Irang, Java.

[II. category not indicated]

Oryza sativa II. ^{*} glutinosa var. dubia Körn. in Körn. & Wern. Handb. Getreid. 2: 948. 1885.

"Scheinfrucht gelbrötlich" only description.

Kétan Tjaruluk, Java.

[II. category not indicated]

Oryza sativa II. ^{*} glutinosa var. Eedeniana Körn. in Körn. & Wern. Handb. Getreid. 2: 949. 1885.

"Scheinfrucht gelbrötlich; Grannen dunkelviolettbraun" only description.

Kétan gurunini, Java.

[II. category not indicated]

Oryza sativa var. glutinosa svar. grandiglumis Doeh in A. Camus, Fl. Gen. Indo-Chine 7: 500. 1923.

Indo-Chine

Oryza sativa II. ^{*} glutinosa var. heuzeana Körn. in Körn. & Wern. Handb. Getreid. 2: 948. 1885.

"Scheinfrucht gelbrötlich, Grannen dunkelviolettbraun" only description.

"Im ostindischen Archipel."

[II. category not indicated]

Oryza sativa II. ^{*} glutinosa var. isochroa Körn. in Körn. & Wern. Handb. Getreid. 2: 949. 1885.

"Scheinfrucht und Grannen rot." only description.

"Im ostindischen Archipel."

[II. category not indicated]

Oryza sativa II. ^{*} glutinosa var. melanocarpa (Alef.) Körn. in Körn. & Wern. Handb. Getreid. 2: 949. 1885.

Based on *Oryza sativa* melanocarpa Alef. [trinomial]

Java

[II. category not indicated]

Oryza sativa II. ^{*} glutinosa var. miqueliana Körn. in Körn. & Wern. Handb. Getreid. 2: 948. 1885.

"Scheinfrucht granrotbraun" only description.

Kétan Laron, Java.

[II. category not indicated]

Oryza sativa var. glutinosa svar. mutica A. Camus, Fl. Gen. Indo-Chine 7: 500. 1923. Not Blanco 1837.

Indo-China

Oryza sativa ssp. glutinosa var. subalba Jabrova, Baku, Azerbaid. Sel.Khoz Inst. 2: 50. 1935.

[see *O. sativa* var. glutinosa Blanco, 1837.]

Persia

Oryza sativa II. ^{*} glutinosa var. zonica Körn. in Körn. & Wern. Handb. Getreid. 2: 948. 1885.

"Scheinfrucht gelbrötlich, Granne rot." only description.

Im ostindischen Archipel.

[II. category not indicated]

Oryza sativa var. graeca Regel, Ind. Sem. Hort. Petrop. 1865: 42. 1866.

"h. Athen." Greece

Oryza sativa var. grandiglumis Doell. in Mart. Fl. Bras. 28: 8. 1871.

"-----a cl. Lusehnath in valle Broco lectae."

Brazil

Oryza sativa var. guianensis Portères, Journ. Agric. Trop. & Bot. Appl. 2: 577, 595. 1955.

"Typifiée par la race Paata Pende; échantillon 413, Guyane française: Haut-Maroni (territoire de l'Inini), village Andelon, Vaillant, 1937."

Africa

Oryza sativa var. haematolytra Miq. Fl. Ind. Bat. 3: 370. 1855.

Dutch East Indies

Oryza sativa var. Hasskarlii Koke. in Koke. & Wern. Handb. Getreideb. 1: 232, 235. 1885.

Java

Oryza sativa var. Heuzeana Koke. in Koke. & Wern. Handb. Getreideb. 1: 234, 237. 1885.

Java

Oryza sativa var. homochroma Portères, Journ. Agric. Trop. & Bot. Appl. 2: 577, 595. 1955.

"Typifiée par la race Man-guele, échantillon 1134, Côte d'Ivoire: pays des Dan: Danane, Portères, 1941."

Africa

Oryza sativa ssp. indica Kato, Journ. Dept. Agr. Kyushu Imp. Univ. 2: 275. 1930.

"In short, the cultivated varieties of rice are to be classified into the 'Japonica' and 'Indica' types from the morphological standpoint. Moreover, judging from the degree of the sexual affinity, as well as serodiagnostic reaction, these two types are considered to be distantly related in descent. Therefore, the authors divide cultivated rice into two groups, regard them as subspecies, and propose to name one 'Oryza sativa L. subsp. indica 'Kato' and the other 'Oryza sativa subsp. Japonica Kato.'"

As to the distribution of subspecies 'Japonica' and 'Indica' of cultivated rice, we will find that the varieties indigenous to Japan Proper and Korea all belong to the one, and that those native to Formosa as well as those of Southern China, India, Java, and other countries mostly belong to the other.

over

Oryza sativa prol X indo-japonica Portères, Rev. Bot. Appl. Agr. Trop. 30: 150. 1950.

No loc. cited

Oryza sativa var. indovalonica Vaso. Anais Inst. Superior Agronomica 19: 2. 1952.

Exemplos da Estação Agronómica Nacional, das formas cultivadas designadas D. Sancho e Laboratório 8.

Portugal

Oryza sativa var. infera Makino, Acta Phytotax. & Geobot. 9: 103. 1940.

f. alba l.o.
f. rubra l.o.

[Practical Horticulture 25]

Oryza sativa var. isochroa Koke. in Koke. & Wern. Handb. Getreideb. 1: 234, 237. 1885.

Java

Oryza sativa italica Alefeld, Landw. Fl. 319. 1866.

Java

Oryza sativa ^[i] *anthoceros* Koke. in Koke. & Wern. Handb. Getreideb. 1: 232, 235. 1885.

Java

Oryza sativa ssp. Japonica Kato, Journ. Dept. Agr. Kyushu Imp. Univ. 2: 275. 1930.

[See information copied under *Oryza sativa* subsp. indica kato]

see Portères, Rev. Bot. Appl. Agric. Trop. 30: 147. 1950.

"Japan Proper and Korea"

Oryza sativa ssp. japonica (Gust.) Vaso, var. Castrol Vaso. Anais Inst. Superior Agronomica 19: 3. 1952.

Exemplar enviado da Guiné pelo Eng. Agron. António Rodrigues de Castro, a quem dedicamos a variedade, LISA.

Portugal

Oryza sativa var. javanica Koern in Koern. & Wern. Handb. Getreideb. 1: 235. 1885.

Oryza sativa var. kassiensis Portères, Journ. Agric. Trop. & Bot. Appl. 2: 577, 595. 1955.

"Typifiée par la race Mokoron; échantillon 2865, Guinée française: pays Kissi: Quekedou: Ouende: Monyo, Portères, 1942."

Africa

Oryza sativa var. Kleiniana Koke. in Koke. & Wern. Handb. Getreideb. 1: 233, 236. 1885.

"In Ostindien von Klein gesammelt."

Oryza sativa var. kpelleana Portères, Journ. Agric. Trop. & Bot. Appl. 2: 577, 595. 1955.

"Typifiée par la race Wouroumone; échantillon 5187, Guinée française: Ile du Kabak, Portères, 1949.— L'appellation est d'origine Kpelle (Nguerzé)."

Africa

Oryza sativa var. Lamuyo Blanco Fl. Filip. ed. 1. 273. 1837.

Philippines. No loc. cited. Commonly cultivated.

Oryza sativa var. latifolia A. Braun, Ind. Sem. Hort. Berol. 4. 1857. nom. nud.

©

Oryza sativa var. latifolia Doell in Mart. Fl. Bras. 28: 7. 1871. not A. Braun, 1857. nom. nud.

Based on "*Oryza latifolia* Desvoux"-----Porto Rico
West Indies

Oryza sativa var. *Leuoceros* Koke. in Koke. & Wern.
Handb. Getreideb. 1: 232, 236. 1885.

"von Ant. Cipr. Costa in Barcelona erhalten."
Spain

Oryza sativa var. *limnicola* Portères, Journ. Agric. Trop.
& Bot. Appl. 2: 578, 595. 1955.

"Typifiée par la race Koungbofila; échantillon 2135,
Côte d'Ivoire: pays Senoufo: Bobo-Dioulasso, Portères,
1941."

Africa

Oryza sativa var. *longiglumis* Vaso. Anais Inst. Superior
Agronomia 19: 1. 1952.

"Forma cultivada observ.: Fejuga, proveniente da
Guiné, 1305 da herbarização de Espírito Santo LISI"
Portugal

Oryza sativa longior Alefeld, Landw. Fl. 319. 1866.

Java

Oryza sativa var. *manensis* Portères, Journ. Agric. Trop.
& Bot. Appl. 2: 578, 596. 1955.

"Typifiée par la race Surton; échantillon 1169, Côte
d'Ivoire: pays des Dan: Man: Gbepleu, Portères, 1941."

Africa

Oryza sativa var. *Manilensis* Koke. in Koke. & Wern.
Handb. Getreideb. 1: 234, 237. 1885.

"Auf Manila gebaut; von Gaudichaud eingesandt."
Philippines

Oryza sativa var. *marginata* Desv. Journ. Bot. II.
1: 76. 1813.

"Cultive dans l'Inde."

Oryza sativa var. *melanocarpa* Koke, in Koke. & Wern.
Handb. Getreideb. 1: 233, 236. 1885.

Java

Oryza sativa *melanocarpa* Alefeld, Landw. Fl. 318. 1866.
[trinomial]

Java

Oryza sativa *melanoceras* Alefeld, Landw. Fl. 317. 1866.

[trinomial]

Java

Oryza sativa var. *melanodonta* Portères, Journ. Agric.
Trop. & Bot. Appl. 2: 578, 596. 1955.

"Typifiée par la race Gbélékévolé; échantillon 996,
Guinée française: pays Kpelle-Nguerze: Macenta:
Vekema: Nzebela, Portères, 1941."

Africa

Oryza sativa *melanothrix* Alefeld, Landw. Fl. 318. 1866.
[trinomial]

Java

Oryza sativa var. *microcarpa* Koke. in Koke. & Wern.
Handb. Getreideb. 1: 233, 236. 1885.

Java

Oryza sativa var. *miqueliana* Koke. in Koke. & Wern.
Handb. Getreideb. 1: 234, 237. 1885.

Java....Manila

Oryza sativa var. *molesta* Portères, Journ. Agric. Trop.
& Bot. Appl. 2: 578, 596. 1955.

"Typifiée par la race Grokeua; échantillon 2071, Côte
d'Ivoire: pays Bété: Lakota, Portères, 1941."

Africa

Oryza sativa var. *montana* A. Braun, Ind. Sem. Hort.
Berol. 4. 1857. nom. nud.

②

Oryza sativa *montana* (Lour.) Alefeld, Landw. Fl.
317. 1866. trinomial

Based on *Oryza* *montana* Lour.

Cochinchina

Oryza sativa var. *mutica* Franch. Bull. Soc. hist. nat.
Autun 8: 365. 1893.

"Hab.--Congo; où et là dans le haut Oubangui, où il
est quelquefois cultivé (Dybowski)"

Africa

Oryza sativa var. *Nguerzema* Portères, Journ. Agric.
Trop. & Bot. Appl. 2: 578, 596. 1955.

"Typifiée par la race Kalakazou; échantillon 986,
Guinée française: pays Toma et Nguezé: Macenta:
Vekema: Nzebela, Portères, 1941."

Africa

Oryza sativa var. *nigrispina* Portères, Journ. Agric.
Trop. & Bot. Appl. 2: 579, 596. 1955.

"Typifiée par la race Yoman (Nguerze); échantillon
127, Guinée française: Nzerekore: Vepo: Nzo,
Portères, 1937."

Africa

Oryza sativa var. *nigro-uncinata* Portères, Journ. Agric.
Trop. & Bot. Appl. 2: 579, 596. 1955.

"Typifiée par la race Sounebou; échantillon 2602,
Guinée française: pays Kissi: Guekedou: Guedembou:
Yalenzou, Portères, 1943."

Africa

Oryza sativa var. *notata* Portères, Journ. Agric. Trop.
& Bot. Appl. 2: 579, 596. 1955.

"Typifiée par la race Lébétéléva; échantillon 990,
Guinée française: pays Toma: Macenta: Vekema: Nzebela,
Portères, Sept. 1941."

Africa

Oryza sativa prol. *nudijaponica* Portères, Rev. Bot.
Appliq. Agr. Trop. 30: 150. 1950.

No loc. cited.

Oryza sativa prol. *nudindojaponica* Portères, Rev. Bot.
Appliq. Agr. Trop. 30: 151. 1950.

No loc. cited.

Oryza sativa var. *Nzoana* Portères, Journ. Agric. Trop.
& Bot. Appl. 2: 579, 596. 1955.

"Typifiée par la race Bolio; échantillon 38, Guinée
française: Nzerekore: pays Malinke-Koniani: Vepo: Nzo,
Portères, Nov. 1937."

Africa

Oryza sativa var. *ob-Vasconcellosii* Portères, Journ.
Agric. Trop. & Bot. Appl. 2: 580, 596. 1955.

"Typifiée par la race Dieguete (Malinké); échantillon
2226, Côte d'Ivoire: Seguela, Portères, 1941."

Africa

Oryza sativa var. *ochrofusca* Portères, Journ. Agric.
Trop. & Bot. Appl. 2: 580, 596. 1955.

"Typifiée par la race Bassi-ma; échantillon 994,
Guinée française: Macenta: pays Malinké: Bouzie:
Boussedou, Portères, Sept. 1941."

Africa

Oryza sativa var. *oxyota* Portères, Journ. Agric. Trop.
& Bot. Appl. 2: 580, 596. 1955.

"Typifiée par la race Kalsgazou; échantillon 987,
Guinée française: Macenta: pays Toma: Guizima:
Berebezou, Portères, 1941."

Africa

Oryza sativa var. *pallida* Portères, Journ. Agric. Trop.
& Bot. Appl. 2: 580, 596. 1955.

"Typifiée par la race Bie; échantillon 860, Côte
d'Ivoire: pays des Dan: Danane: Kale: Zouan-Hounien,
Portères, Nov. 1938."

Africa

Oryza sativa var. *para-allahabadica* Portères, Journ.
Agric. Trop. & Bot. Appl. 2: 581, 596. 1955.

"Typifiée par la race Obinga; échantillon 876, Côte
d'Ivoire: pays Dan: Man: Blouno, Portères, Nov. 1937."

Africa

Oryza sativa var. *para-Castroi* Portères, Journ. Agric.
Trop. & Bot. Appl. 2: 581, 596. 1955.

"Typifiée par la race Tamban; échantillon 1837 bis,
Guinée française: pays Kissi: Guekedou: Guedembou:
Soldou-Lakondo, R. Portères, 1942."

Africa

Oryza sativa var. *para-cinnamomea* Portères, Journ. Agric.
Trop. & Bot. Appl. 2: 580, 596. 1955.

"Typifiée par la race Sehibo; échantillon 1065,
Guinée française: pays Toma: Macenta: Koadou: Dioman-
dou, Portères, 1941."

Africa

Oryza sativa var. *para-daloensis* Portères, Journ. Agric.
Trop. & Bot. Appl. 2: 582, 596. 1955.

"Typifiée par la race Doubeoro; échantillon 1292,
Guinée française: Pays Kpelle-Nguerze: Nzerekore:
Ourapole: Kolipilila, R. Portères, 1942."

Africa

Oryza sativa var. *para-erythrocarpa* Portères, Journ.
Agric. Trop. & Bot. Appl. 2: 582, 596. 1955.

"Typifiée par la race Gouesie-tinin; échantillon 10,
Côte d'Ivoire: Pays Dan: Danane: Blosse: Zeale,
R. Port., 1931."

Africa

Oryza sativa var. *paraguayensis* Franch., Bull. Soc. hist.
nat. Autun 8: 365. 1893. cf. Koke 1885.

"O. *paraguayensis* Wedd. mms, in Herb. Mus. Par." cited.
[Parodi, Physis 11: 244. 1933 cites Rio Paraguay
(Wedd. no. 3259)]

Oryza sativa var. *para-goensis* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 582, 596. 1955.

"Typifiée par la race Gueu-Bode; échantillon 1140, Côte d'Ivoire: Pays Dan: Man: canton de Man: Owakwale, R. Port., 1941."

Africa

Oryza sativa var. *Paraguayensis* Koke. in Koke. & Wern. Handb. Getreideb. 1: 232, 235. 1885.

Cult. Italy

Oryza sativa var. *para-guianensis* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 582, 596. 1955.

"Typifiée par la race Blessein, échantillon 5135, Côte d'Ivoire: Pays Dan: Danane: Kale, R. Port., 1943."

Africa

Oryza sativa var. *para-javanica* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 583, 596. 1955.

"Typifiée par la race Kouhidi; échantillon 2190, Côte d'Ivoire: Pays Bete: Lakota, R. Port., 1941."

Africa

Oryza sativa var. *para-mutica* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 583, 596. 1955.

"Typifiée par la race Gouandé; échantillon 5076, Côte d'Ivoire: Pays Dan: Souin, R. Port., 1949."

Africa

Oryza sativa var. *para-ovoidea* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 583, 597. 1955.

"Typifiée par la race Sekouna (dialecte Timne); échantillon 5492, Guinée française: Ile du Kabak, R. Port., 1949."

Africa

Oryza sativa var. *para-philippensis* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 583, 597. 1955.

"Typifiée par la race Goubo; échantillon 2261, Côte d'Ivoire: pays Gouro: Sinfra, 1941."

Africa

Oryza sativa var. *para-sepia* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 583, 597. 1955.

"Typifiée par la race Gbo; échantillon 890; Côte d'Ivoire: pays Dan: Man: Blouno, R. Port., 1938."

Africa

Oryza sativa var. *para-zeravshanica* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 584, 597. 1955.

"Typifiée par la race Yaye; échantillon 5485, Guinée française: Ile du Kabak, R. Port., 1949."

Africa

Oryza sativa var. *perennis* A. Braun, Ind. Sem. Hort. Berol. 4. 1857. nom. nud.

Oryza sativa var. *phaneroleuca* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 581, 596. 1955.

"Typifiée par la race Goyan-wo; échantillon 1428, Guinée française: pays Kpelle-Nguerze: Nzerekore: Songoulapleu: Pale, Portères, 1941."

Africa

Oryza sativa var. *piota* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 581, 596. 1955.

"Typifiée par la race Ko-ougui; échantillon 1018, Guinée française: pays Toma: Macenta: Aoodou: Niavalazou, Portères, 1941."

Africa

Oryza sativa var. *pilosa* Blanco Fl. Filip. ed. 1. 275. 1837.

No loc. cited. Philippines

Oryza sativa var. *plena* Prain ex Bhide, Agric. Journ. India 14: 494. 1919.

"Cult. in Bengal."

Oryza sativa var. *praecox* Blanco, Fl. Filip. ed. 1. 274. 1837.

No loc. cited. Philippines.

Oryza sativa var. *pseudo-daloensis* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 584, 597. 1955.

"Typifiée par la race Bagon; échantillon 2584, Guinée française: pays Kissi: Kissidougou: Obangadou, R. Port., 1943."

Africa

Oryza sativa var. *pseudo-goensis* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 584, 597. 1955.

"Typifiée par la race Tabou, échantillon 1181, Côte d'Ivoire: pays Dan: Man: canton de Man: Kassiapleu, R. Portères, nov. 1941."

Africa

Oryza sativa var. *pseudo-guineensis* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 584, 597. 1955.

"Typifiée par la race Dissi-Kouye, échantillon 1679, Guinée française: Mellacore: Samoh: N'Compah, J. Fouillot, 1942."

Africa

Oryza sativa var. *pseudo-jarhanica* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 584, 597. 1955.

"Typifiée par la race Pilibayon, échantillon 3154, Guinée française: pays Kissi: Guekedou: Quende: Tagbezou, R. Portères, 1941."

Africa

Oryza sativa var. *pseudo-limnicola* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 585, 597. 1955.

"Typifiée par la race Sosson, échantillon 2779, Guinée française: pays Kissi: Guekedou: Koma-Sanikongo: Ouet, R. Portères, 1942."

Africa

Oryza sativa var. *pseudo-mulayana* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 585, 597. 1955.

"Typifiée par la race Masekou, échantillon 1709, Guinée française: Boke: cantons Baga et Nalou, R. Portères, 1942."

Africa

Oryza sativa var. *pseudo-ovoidea* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 585, 597. 1955.

"Typifiée par la race Nanga-Eboko pro parte, sans n°, Cameroun français: Loum, R. Portères, Sept. 1943."

Africa

Oryza sativa var. *pseudo-sepia* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 585, 597. 1955.

"Typifiée par la race Gbo, échantillon 890 bis, Côte d'Ivoire: pays Dan: Man: Blouno, R. Portères, 1938."

Africa

Oryza sativa var. *pubescens* Desv. Journ. Bot. II. 1: 76. 1813.

"Colitur in Italia."

Oryza sativa var. *pudica* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 581, 596. 1955.

"Typifiée par la race Koke-oro; échantillon 2061, Guinée française: pays Kpelle-Nguerze: Nzerekore, Portères, 1942."

Africa

Oryza sativa var. *pygmaea* Makino, Acta Phytotax. & Geobot 9: 103. 1940.

[Practical Horticulture 25 (no. 11): 1259. 1940.

Oryza sativa var. *pyrocarpa* Alefeld, Landw. Fl. 318. 1866. trinomial

Java

Oryza sativa var. *quinanda* Blanco, Fl. Filip. ed. 1. 274. 1837.

"Batangas." Philippines

Oryza sativa var. *rhodospema* Miq. Fl. Ind. Bat. 3: 370. 1855.

Dutch East Indies

Oryza sativa var. *rubra* Blanco, Fl. Filip. ed. 1. 275. 1837.

No loc. cited. Philippines

Oryza sativa var. *rubra* Miq. Fl. Ind. Bat. 3: 369. 1855. Not Blanco 1837.

Dutch East Indies

Oryza sativa var. *rubra* Koke. in Koke. & Wern. Handb. Getreideb. 1: 232, 235. 1885.

Java

Oryza sativa var. *rubribarbis* Desv. Journ. de Bot. II. 1: 76. 1813.

"Cultivé dans l'Amérique septentrionale."

Oryza sativa var. *saginata* Portères, Journ. Agric. Trop. & Bot. Appl. 2: 585, 597. 1955.

"Typifiée par la race Bie-gbo-Gomin, échantillon 2083, Côte d'Ivoire: pays Dan: Man: Kassiapleu, R. Portères, 1940."

Africa

Oryza sativa var. *Savannae* Koke. in Koke. & Wern. Handb. Getreidebau 1: 233, 236. 1885.

"Savannah, Georgia"

Oryza sativa var. *Sickenbergeri* Koern. ex Sickenb. Mem. Inst. Egypt. 4: 306. 1901.

"Koke. in litt." cited

Damiette. Egypt.

Oryza sativa var. *sorgoidea* Desv. Journ. de Bot. II. 1: 77. 1813.

"Cultivé dans l'Inde."

Oryza sativa f. spontanea Auct., ex Backer, Plumea Suppl.
3 (Hennard Jubilee Vol.): 53. 1946, as syn. of
Oryza fatua Koen.

Oryza sativa var. subdesvauxii Brohes, Riz & Rizicult.
7: 126. 1933. nom. nud.

Bulgaria

Oryza sativa var. suberythroceros Kanevsk, Riz &
Rizicult. 7: 126. 1933, nom. nud.

Bulgaria

Oryza sativa var. subjarhanica Vaso. Anais Inst. Superior
Agronomica 19: 2. 1952.

Exemplar da coleção da Estação Agronômica Nacional,
da forma cultivada designada Mago.

Portugal

Oryza sativa var. submolvanica Vaso. Anais Inst.
Superior Agronomica 19: 2. 1952.

Exemplares da coleção da Estação Agronômica Nacional,
da forma cultivada designada Jamor, LISI.

Portugal

Oryza sativa var. submutica Miq. Fl. Ind. Bat. 3: 369.
1855.

Dutch East Indies

Oryza sativa var. subratonica Vaso. Anais Inst.
Superior Agronomia 19: 1. 1952.

Forma cultivada---proveniente da Guiné: exemplar
1304 da herborização de Espírito Santo, LISI.

Portugal

Oryza sativa var. subsubulata Miq. Fl. Ind. Bat.
3: 369. 1855.

"in Java vulgo culta."

Oryza sativa var. subvulgaris Brohes, Riz & Rizicult.
7: 126. 1933, nom. nud.

Bulgaria

Oryza sativa subpyrocarpa Brohes, Riz & Rizicult. 7: 126.
1933, nom. nud.

Bulgaria

Oryza sativa var. sundensis Koen. in Koen. & Wern.
Handb. Getreideb. 1: 232, 235. 1885.

Java

Oryza sativa taurina Alefeld, Landw. Fl. 318. 1866.
trinomial

Java

Oryza sativa var. terrestris Makino, Journ. Jap. Bot.
8: 31. 1932.

Only descr.: "Leaves broader, 12-25mm. in width.
Husk awned or awnless."

"Hab. Nippon, common, cultivated in dry fields."

Oryza sativa f. usitatissima Körn. in Körn. & Wern.
Handb. Getreid. 2: 938. 1885.

Based on *O. sativa* L.

Basis of *O. sativa* var. utilisissima A. Camus

Cult.

* category not indicated

Oryza sativa f. usitatissima f. communis Körn. in
Körn. & Wern. Handb. Getreid. 2: 938. 1885.

A. Unbegränzt [awnless] Cult.

[f. and f. categories not indicated]

Oryza sativa f. usitatissima f. communis var. amaura
(Alef.) Körn. in Körn. & Wern. Handb. Getreid.
2: 944. 1885.

Based on *O. sativa* var. amaura Alef.

Java

[f. and f. categories not indicated by Körn.]

Oryza sativa f. usitatissima f. communis var. atrofusca
Körn. in Körn. & Wern. Handb. Getreid. 2: 946. 1885.

"Scheinfrucht gelbrötlich, Grannen rot." only
description.

Java

[f. and f. categories not indicated]

Oryza sativa f. usitatissima f. communis var. brunnea
Körn. in Körn. & Wern. Handb. Getreid. 2: 944. 1885.

Java

[f. and f. categories not indicated]

Oryza sativa f. usitatissima f. communis var. catalonica
Körn. in Körn. & Wern. Handb. Getreid. 2: 944. 1885.

"Ital. ... Franz. --- d'Espagne, noirâtre de Chine,
brun américain."

[f. and f. categories not indicated]

Oryza sativa f. usitatissima f. communis var. desvauxii
Körn. in Körn. & Wern. Handb. Getreid. 2: 945. 1885.

"Scheinfrucht gelbrötlich, Grannen dunkelviolettblau"
---only description.

"Im ostindischen Archipel"....

[f. and f. categories not indicated]

Oryza sativa f. usitatissima f. communis var. erythro-
ceros Körn. in Körn. & Wern. Handb. Getreid. 2: 942.
1885.

"Im ostindischen Archipel." Cult.

[f. and f. categories not indicated]

Oryza sativa f. usitatissima f. communis var. hasskarlii
Körn. in Körn. & Wern. Handb. Getreid. 2: 943. 1885.

"Im ostindischen Archipel." Cult.

[f. and f. categories not indicated]

Oryza sativa f. usitatissima f. communis var. italica
(Alefeld) Körn. in Körn. & Wern. Handb. Getreid.
2: 938. 1885.

Based on *Oryza sativa* italica Alef. 1866.

Java

[f. and f. categories not indicated]

Oryza sativa f. usitatissima f. communis var. javanica
Körn. in Körn. & Wern. Handb. Getreid. 2: 939. 1885.

Java

[f. and f. categories not indicated]

Oryza sativa f. usitatissima f. communis var. leucoceros
Körn. in Körn. & Wern. Handb. Getreid. 2: 943. 1885.

"Erhalten durch Ant. Cipr. Costa 1881 aus Barcelona

[Spain]

[f. and f. categories not indicated]

Oryza sativa f. usitatissima f. communis var. melano-
ceros (Alefeld) Körn. in Körn. & Wern. Handb.
Getreid. 2: 943. 1885.

Based on *O. sativa* melanoceros Alef. [trinomial]

Java

[f. and f. categories not indicated]

Oryza sativa f. usitatissima f. communis var. paraguay-
ensis Körn. in Körn. & Wern. Handb. Getreid. 2: 939.
1885.

"Paraguay"

[f. and f. categories not indicated]

Oryza sativa f. usitatissima f. communis var. pyrocarpa
(Alef.) Körn. in Körn. & Wern. Handb. Getreid.
2: 945. 1885.

Based on *O. sativa* pyrocarpa Alef. trinomial

Java

[f. and f. categories not indicated]

Oryza sativa f. usitatissima f. communis var. rubra
Körn. in Körn. & Wern. Handb. Getreid. 2: 943. 1885.

"Im ostindischen Archipel." cult.

[f. and f. categories not indicated]

Oryza sativa f. usitatissima f. communis var. savan-
nae Körn. in Körn. & Wern. Handb. Getreid. 2: 945. 1885.

"South-Carolina, Georgia und Louisiana---Heimat:
wahrscheinlich Ostindien."

[see Heyward, D. C. "Seed from Madagascar."]

[f. and f. categories not indicated]

Oryza sativa f. usitatissima f. communis var. striata
Heuze ?

Based on ?

[f. and f. categories not indicated]

Oryza sativa f. usitatissima f. communis var. sundensis
Körn. in Körn. & Wern. Handb. Getreid. 2: 939. 1885.

"Inseln des ostindischen Archipels"

[f. and f. categories not indicated]

Oryza sativa f. usitatissima f. communis var. vulgaris
Körn. in Körn. & Wern. Handb. Getreid. 2: 940. 1885.
B. Begränzt. [awned] Cult.

[f. and f. categories not indicated]

Oryza sativa f. usitatissima f. communis var. xantho-
ceros Körn. in Körn. & Wern. Handb. Getreid. 2: 943.
1885.

"Im Ostindischen Archipel" Cult.

[f. and f. categories not indicated]

Oryza sativa f. usitatissima f. minuta (Presl) Körn. in
Körn. & Wern. Handb. Getreid. 2: 946. 1885.

[f. and f. categories not indicated]

Oryza sativa f. usitatissima f. minuta var. cyclina
(Alef.) Körn. in Körn. & Wern. Handb. Getreid.
2: 946. 1885.

Based on *O. sativa* cyclina Alef. [trinomial]

Java

[f. and f. categories not indicated]

Oryza sativa ^f. *usitatissima* ². *minuta* var. *longior*
(Alef.) Körn. in Körn. & Wern. Handb. Getreid.
2: 947. 1885.

Based on *Oryza sativa longior* Alef. [trinomial]
Java

[^f. and ². categories not indicated]

Oryza sativa ^f. *usitatissima* ². *minuta* var. *melanocera*
Körn. in Körn. & Wern. Handb. Getreid. 2: 946. 1885.

Java

[^f. and ². categories not indicated]

Oryza sativa ^f. *usitatissima* ². *minuta* var. *microcarpa*
Körn. in Körn. & Wern. Handb. Getreid. 2: 947. 1885.

Java

[^f. and ². categories not indicated]

Oryza sativa var. *utilisima* ^f. A. Camus in E. G. & A.
Camus, Fl. Gen. Indo-Chine 7: 497. 1923.

[error for *usitatissima*]

subv. *aristata* l.c.

Based on "O. *utilisima* Koke." [error for *usitatissima* Körn. not a specific name in Körn. p. 938]

Oryza sativa ^f. *utilisima* ^f var. *astarinica* Jabrova,
Baku, Azerbaidzhanskii sel'sk institut. Trudy
2: 50. 1935. [error for *usitatissima*]

U.S.S.R.

[^f. category not indicated]

Oryza sativa ^f. *utilisima* ^f var. *Brjzitsky* Jabrova,
Baku, Azerbaidzhanskii sel'sk institut. Trudy 2: 47,
50. 1935. [error for *usitatissima*]

[U.S.S.R.]

[^f. category not indicated]

Oryza sativa ^f. *utilisima* ^f. *communis* var. *elegans*
Jabrova, Baku, Azerbaidzhanskii sel'sk institut.
Trudy 2: 48, 50. 1935. [error for *usitatissima*]

U.S.S.R.

[^f. and ^f. categories not indicated]

Oryza sativa ^f. *utilisima* ^f. *communis* var. *fuliginosa*
Jabrova, Baku, Azerbaidzhanskii sel'sk institut.
Trudy 2: 48, 50. 1935. [error for *usitatissima*]

U.S.S.R.

[^f. and ^f. categories not indicated]

Oryza sativa ^f. *utilisima* ^f. *communis* var. *gilvus*
Jabrova, Baku, Azerbaidzhanskii sel'sk institut.
Trudy 2: 48, 50. 1935. [error for *usitatissima*]

U.S.S.R.

[^f. and ^f. categories not indicated]

Oryza sativa ^f. *utilisima* ^f. *communis* var. *kolakovski*
Jabrova, Baku, Azerbaidzhanskii sel'sk institut.
Trudy 2: 48, 50. 1935. [error for *usitatissima*]

U.S.S.R.

[^f. and ^f. categories not indicated]

Oryza sativa ^f. *utilisima* ^f. *communis* var. *pubescens*
Jabrova, Baku, Azerbaidzhanskii sel'sk institut.
Trudy 2: 50. 1935. [error for *usitatissima*]

U.S.S.R.

[^f. and ^f. categories not indicated]

Oryza sativa ^f. *utilisima* ^f. *communis* var. *rubro-*
stellata Jabrova, Baku, Azerbaidzhanskii sel'sk
institut, Trudy 2: 50. 1935. [error for *usitatissima*]

U.S.S.R.

[^f. and ^f. categories not indicated]

Oryza sativa ^f. *utilisima* ^f. *communis* var. *subvavilovi*
Jabrova, Baku, Azerbaidzhanskii sel'sk institut,
Trudy 2: 48, 50. 1935.

[+ error for *usitatissima*]

U.S.S.R.

[^f. and ^f. categories not indicated]

Oryza sativa var. *utilisima* ^f var. *grandiglumis* A.
Camus in E. G. & A. Camus, Fl. Gen. Indo-Chine
7: 497. 1923. [error for *usitatissima*]

"Tonkin: Phuoc-nhao (Bon)."

Oryza sativa ^f. *utilisima* ^f grex *main* Vav. in Jabrova,
Baku, Azerbaidzhanskii sel'sk. institut, Trudy
2: 50. 1935. [error for *usitatissima*]

[U.S.S.R.]

[^f. category not indicated]

Oryza sativa ^f. *utilisima* ^f var. *masenderano* Jabrova,
Baku, Azerbaidzhanskii sel'sk institut. Trudy
2: 47, 50. 1935. [error for *usitatissima*]

U.S.S.R.

[^f. category not indicated]

Oryza sativa var. *utilisima* ^f subv. *mutica* (Lour.) A.
Camus in E. G. & A. Camus, Fl. Gen. Indo Chine 7:
497. f. 41: 16. 1923. [error for *usitatissima*]

Based on "O. *mutica* Steud. p.p." this based on O.
sativa mutica Lour.

Cochin China ?

Oryza sativa ^f. *utilisima* ^f var. *subastarinica* Jabrova,
Baku, Azerbaidzhanskii sel'sk institut. Trudy 2: 47,
50. 1935. [error for *usitatissima*]

U.S.S.R.

[^f. category not indicated]

Oryza sativa ^f. *utilisima* ^f var. *submasenderano* Jabrova,
Baku, Azerbaidzhanskii sel'sk institut, Trudy
2: 47, 50. 1935. [error for *usitatissima*]

U.S.S.R.

[^f. category not indicated]

Oryza sativa prol. *verindojaponicoides* Portères, Rev.
Bot. Appliq. Agr. Trop. 30: 153. 1950.

No loc. cited

Oryza sativa prol. *verohumilo-japonicoides* Portères,
Rev. Bot. Appliq. Agr. Trop. 30: 153. 1950.

Oryza sativa prol. *verojaponicoides* Portères, Rev. Bot.
Appliq. Agr. Trop. 30: 153. 1950.

No loc. cited

Oryza sativa var. *violacea* Blanco Fl. Filip. ed. 1.
275. 1837.

No loc. cited. Philippines

Oryza sativa var. *viridescens* Koke. in Koke. & Wern.
Handb. Getreideb. 1: 232, 235. 1885.

"In Ostindien von Klein gesammelt (Herb. Willdenow
7018 S)."

Oryza sativa var. *vulgaris* Koke. in Koke. & Wern.
Handb. Getreideb. 1: 232, 235. 1885.

Java.....Portugal

Oryza sativa var. *Wightiana* Koke, in Koke. & Wern.
Handb. Getreideb. 1: 232, 235. 1885.

"Herb. Wight. no. 1982. T

Oryza sativa var. *zeravschanica* Brohes. Riz et Rizicult.
7: 126. 1933, nom. nud.

Bulgarie

Oryza sativa var. *zomica* Koke. in Koke. & Wern. Handb.
Getreideb. 1: 234, 237. 1885.

Java

Oryza schlechteri Pilger, Bot. Jahrb. Engler 52: 168.
1914.

"Nordöstl. Neu-Guinea. Kaiser-Wilhelmsland, an
Felsen bei der Djamaklamm,(R. Schlechter
n. 16684--Oktober 1907)."

Oryza Schweinfurthiana Prod. in Mez, Bot. Archiv.
1: 231. 1922.

"Central-Afrika, Ohasal-Quellgebiet, im Lande der
Niam-Niam (Schweinfurth nr. 3691)."

Oryza segetalis Russ. ex Steud. Syn. Fl. Glum.
1: 3. 1854, as syn. O. *sativa* L.

"Russ[ell] hrbr"

Oryza setigera Beauv. Ess. Agrost. pl. 7. fig. 8. 1812.

No loc.

[fig. = awned *sativa*]

Oryza silvestris Stapf ex Cheval. Bull. Mus. Hist. Nat.
Paris 16: 405. 1910.

Incidental mention by Chevalier in discussion of
O. *Barthii* A. Cheval. "Lao Tohad" Africa

[Distributed by Chevalier to the principal herbaria
of Europe under the name *Oryza barthii* A. Chev.]

Basis of *Oryza stapfii* Roshev. Bull. Appl. Bot. Fl.
Breed. 27: 51. 1931.

Africa trop.

Oryza silvestris var. *Barthii* Stapf ex Cheval. Bull.
Mus. Hist. Nat. Paris 16: 405. 1910.

Name only in Herb. Kew. published by Cheval. as
syn. of O. *Barthii* A. Cheval.

Lake Tohad Africa

Oryza sorghoidea Steud. Nom. Bot. 577. 1821.

Based on *Oryza sativa* var. *sorghoidea* Desv.

E. Indies

Oryza Stapfii Roshev. Bull. Appl. Bot. Fl. Breed.

27: 51. f. 16b, 17d, 38, 39. 1931; also Bull. Jard. Bot. Prin. URSS 293. 1931.

"*Oryza silvestris* Stapf, nom. nud."

"Soudan: Ianfolia 28/3 1899. A. Chevalier! No. 642)
Soudan: Marigot de Nafadie 1899. No. 2206
25. X. 1899. No. 2207. A. Chevalier,
Soudan: Faguibine à Bomma. 15. VIII. 1899.
A. Chevalier."

[Stapf's name only in Herb. Kew, published by A. Chevalier as synonym of *O. barthii* Chev. in Bull. Mus. Hist. Nat. Paris 1910: 405. 1910.

Oryza Stapfii var. *aristata* Chevalier, Rev. Bot. Appl.

12: 1026. 1932.

"type de *O. Stapfii* Roshev."

[= *O. stapfii* Roshev.]

Sénégal, Africa

Oryza Stapfii var. *longiglumis* Chevalier, Rev. Bot.

Appl. 12: 1026. 1932.

"Sénégal, cultivé à Fissel (Vitard, in coll. Trochain, no. 803)."

Africa

Oryza stapfii var. *mutica* Chevalier, Rev. Bot. Appl.

12: 1026. 1932.

Afrique Occidentale. Cult.

Oryza stenothyrsus K. Schum. in Schum. & Lauterb. Nachtr.

Fl. Deutsch. Schutzgeb. Südsee 57. 1905.

Kaiser-Wilhelmsland: Ramfluss (Tappenbeck n. 36, blühend 30. Juni 1898.
"Mit ihr ist die erste wildwachsende Oryze in Kaiser-Wilhelmsland festgestellt."

Oryza subulata Nees, Agrost. Bras. 518. 1829.

"Habitat in confinibus regni Paraguayan et in Rio Grande do Sul, locis paludosis (Sellow.-Vidi in Herb. Reg. Berol.)"

Paraguay--Rio Grande do Sul.

Oryza Tisseranti Chevalier, Rev. Bot. Appl. 12: 1024.

1932; Journ. Agr. Trop. Bot. Appl. 6: 582. f. 1. 1959.

"Haut-Oubangui français: Village de Fudjevo, a 60 Km. S - E de Bambari... (R.P.C. Tisserant, no. 2582)."

Africa

Oryza triandra Heyne ex Steud. Syn. Pl. Glum. 1: 3.

1854, as syn. *O. granulata* Nees & Arn. nom. nud.

"Heyn. hrbr."

[Ceylon]

Oryza ? triticoides Griff. Notul. 3: 8. pl. 142. f. 1.

1851.

"*O. coarctata* Buch.-Ham." [err. det.] cited as syn.

No loc. cited. Plantas Asiaticas.

Oryza ubanghensis Chevalier, Rev. Bot. Appl. Agric.

Trop. 31: 380. 1951. pl.

Oubangui-Chari: dans les ruisseaux allant à la Lobaye et où il coule un filet d'eau, sur la route de Bangui à Mbaiki, en dehors de la forêt. En fleurs mars 1951 (Coll. A. Chevalier)."

French Equatorial Africa

Oryza utilisissima Koke; A. Camus, Bull. Agron. Colon

1913: 7. 1913; as syn. *O. sativa* var. *O. utilisissima* Camus no desor. keyed only.

"utilisissima" error for usitatissima Koern

Oryzidium Barnardii Hubbard & Schweick. Kew Bull.

Misc. Inf. 1936: 328. f. 2. 1936.

"South West Africa: Ovamboland; Tamansu, in vleis, March-April 1923--Barnard."

Oryzopsis aequiglumis Duthie, Grass. N. W. Ind. 27.

1883. Name only, but "Syn.-*O. holciformis*; *Deyeuxia holciformis*." described in Hook.f. Fl. Brit. Ind.

7: 234. 1896. cited.

Asia

Oryzopsis alpestris O. Griseb., Acad. Sci. U.S.S.R. Trud.

Tadjikist. Fil. 8: 579. 1938.

Declivia septentrionalia jugi Hissar. In valle fl. Jagnob superioris. 16 VIII 1934. Alt. 3000m, no. 207. Leg. E. Grigorjev.

Asia

Oryzopsis asiatica Mez, Repert. Sp. Nov. Fedde 17: 210.

1921.

"Altai, ohne Standortsangabe (Ehrenberg)."

Siberia - Mongolia

Oryzopsis aspera Mx. ex Muhl. Cat. Fl. 11. 1813, error

for *O. asperifolia*.

error for *asperifolia* Michx. 1803. q.v. Man. U. S.

Oryzopsis asperifolia Michx. Fl. Bor. Amer. 1: 51.

pl. 9. 1803.

"a sinu Hudsonis ad Quebec, per tractus montium.

Man. U. S.

Hudson Bay to Quebec, Michaux

Oryzopsis bicolor (Vahl) Speg. Anal. Mus. Nac. Monte-

video 4: 6. fig. 3. 1901.

Based on *Stipa bicolor* Vahl.

= *Piptochaetium bicolor*, Monte Video, "Brazil," Thouin

[Uruguay], S. Amer.

Oryzopsis bicolor var. *major* Speg. Anal. Mus. Nac.

Montevideo 4: 9. fig. 3, a-c. 1901.

"In campis prope Sierra del Tandil, aest. 1892 ac 1901, (C. S.) [Spegazzini] et prope Montevideo (J. Arechavaleta)."

Uruguay

= *Piptochaetium ruprechtianum*

Oryzopsis bicolor var. *media* Speg. Anal. Mus. Nac.

Montevideo 4: 9. fig. 3, d-e. 1901.

"In vallibus Sierra Ventana et Sierra Curamalal (var. aest. 1895 et 1899 (C. S.) [Spegazzini]."

= *Piptochaetium*

Oryzopsis bicolor var. *minor* Speg. Anal. Mus. Nac.

Montevideo 4: 8. fig. 3, f-g. 1901.

"In pratis editioribus prope B. Aires et La Plata, aest. 1880-1900 (C. S.) [Spegazzini]."

Argentina

= *Piptochaetium*

Oryzopsis bloomeri (Bolander) Ricker ex Piper, Contr.

U. S. Nat. Herb. 11: 109. 1906.

Based on *Stipa bloomeri* Bolander.

Bloody Canyon, near Mono Lake, Calif., Bolander [6116].
Man. U. S.

Oryzopsis brachyclada Pilger, Notizbl. Bot. Gart.

Berlin 14: 345. 1939.

"Nanga-Parbat-Gebiet, Oberes Rakhiot-Tal: Moränen des Canalo-Gletschers, nach Süden exponierte Hochgras-Matten, 4000 m ü. M. (9. Juli 1937 -- C. Troll n. 7774; Typus!)." [Himalaya Exped. 1937]

compared with *O. lateralis* (Munro) Stapf.

Asia

Oryzopsis caduca Beal, Bot. Gaz. 15: 111. 1890.

Number not cited but type, "F. Lamson Scribner July 11, 1883 in "Div. Grasses" is numbered 16.

Sixteen mile creek, Belt Mts., Mont.

= *O. bloomeri* (Bolander) Ricker ex Piper

Man. U.S.

Oryzopsis caespitosa (Griseb.) Ball, Journ. Linn. Soc.

Bot. 22: 58. 1885.

Based on *Nassella caespitosa* Griseb.

"Tucuman, ... S. de Aconquija, supra Cienega." [Lorentz, Coll.]

Argentina

= *Stipa inconspicua*, fide A.S.H.

Oryzopsis caespitosa var. *peruviana* Ball, Journ. Linn.

Soc. Bot. 22: 58. 1885.

"Common at Chila and in the upper valley of the Rimac!" Peruvian Andes. [Rimac Valley, Ball in 1882.]

= *Nassella pubiflora* (Trin. & Rupr.) Desv. Grass. Ecuador, etc.

Oryzopsis canadensis (Poir.) Torr. Fl. N. Y. 2: 433.

1843.

Based on "*Stipa canadensis* Poir." which is based on *S. juncea* Michx. 1803. Not *S. juncea* L. 1753.

Hudson Bay, Canada, Michx.

Man. U. S.

Oryzopsis chinensis Hitchc. Proc. Biol. Soc.

Washington 43: 92. 1930.

"Type in the U. S. National Herbarium, no. 1,445,578, collected by mountain path, Southern Shansi, China, alt. 1200 meters, May 18, 1929, by T. Tang (no. 788)."

Oryzopsis coerulescens (Desf.) Hack. Denkschr. Akad.

Wiss. Wien. 50: 8, 75. 1885.

Based on *Milium coerulescens* Desf.

North Africa

Oryzopsis coerulescens var. *grandis* Pamp. Arch. Bot.

Forli 12: 20. 1936.

Cirenaica

"In typo culmi cum panicula 15-20 cm. longa, 6-7 dm. alti; glumae 7-8 mm. longae, 6-7 dm. alti; glumae 7-8 mm. longae; glumella glaberrimae, arista vix 2 mm. longa; caryopsides maturae 5 mm. longae."

Oryzopsis coerulescens var. *straminea* (Hausskn.) Halas.

Consp. Fl. Graec. 3: 354. 1904.

Based on *Piptatherum coerulescens* var. *straminea* Hausskn. Symb. p. 42. [Piptatherum coerulescens var. stramineum Hausskn.]

"supra Eleusin et in m. Lykabetto."

Greece

Oryzopsis coerulescens var. *Teneriffae* Hack. in Christ,

Bot. Jahrb. Engler 9: 154. 1888.

"Hab. In Teneriffae reg. subalpina prope Chasna 1882 inv. Asken."

Oryzopsis cuspidata (Nutt.) Benth. ex Vasey, Grasses
U. S. 23. 1883 (U. S. Dept. Agr. Spec. Rep. 63: 23.
1883.) [Cited by title instead of Bull.]

Based on *Eriocoma cuspidata* Nutt.

"Grassy plains of the Missouri [type from "Platte
Plains", Nuttall].

= *O. hymenoides* (Roem. & Schult.) Ricker ex Piper
Man. U. S.

Oryzopsis effusa Hack. ex Hook.f. Fl. Brit. Ind. 7: 234.
1896, as syn. of *O. lateralis* var. *effusa* Hook.f.

"*O. effusa* Hack. ex herb. Duthie-Hazara and Baltistan
---Duthie. Karakoram---Clarke."

India

Oryzopsis erecta Beal, Grasses N. Amer. 2: 230. 1896.

Apparently based on *O. pringlei* Beal, Pringle 1410
being cited, the name changed because of *O. pringlei*
Scribn. ex Beal 1896 (page 226 of same work). The
latter = *Stipa virescens* H.B.K. of Mex., not known
from U. S. Beal erroneously gives the authority of
O. erecta as "(Scribn.) Beal."

Chihuahua, Mex.

= *Stipa pringlei* Scribn. in Vasey.

Man. U. S.

Oryzopsis exigua Thurb. in Wilkes, U. S. Expl. Exped.
17: 481. 1874.

Cascade Mts., Oreg., Wilkes Expl. Exped.

Man. U. S.

Oryzopsis exigua var. *hendersoni* (Vasey) Jones, West.
Bot. Contr. 14: 11. 1912.

Based on "*O. hendersoni* Vasey"

= *O. hendersoni* Vasey
Man. U. S.

Oryzopsis fasciculata Hack. Oesterr. Bot. Zeitschr.
52: 10. 1902.

"Kashmir, Astor District, in valle Kamri prope
Kalapani....leg. Duthie (nr. 12644 et 12656)."

India

Oryzopsis ferganensis Litw. in Komar. Fl. U. R. S. S.
2: 116, 742. pl. 5. fig. 15a. 1934.

"Asia media. Kirgizstania, in montibus pr. Arslanbob
ad tractum Kenkol, nec non pr. Taranbazar, leg.
D. Litwinow."

Aff. *O. molinioides* (Boiss.) Hack.

Oryzopsis fimbriata (H.B.K.) Hemsl. Biol. Centr. Amer.
Bot. 3: 538. 1885.

Based on *Stipa fimbriata* H.B.K.

Guanognata, Mex. Humb. & Bonpl.

= *Piptochaetium fimbriatum* (H.B.K.) Hitchc.

Man. U. S.

Oryzopsis florulenta Pilger, Bot. Jahrb. Engler
27: 26. 1899.

S. Am. "Columbia: crescit in monte. Alto de Pesa-
res supra Popayan, alt. s. m. 2500-2800 m, flor.
coll. mens. Mart. (Lehmann n. 6980)."

U.S.

Oryzopsis fourmieri Hemsl. Biol. Centr. Amer. Bot.
3: 538. 1885, nom. nud. Based on *Stipa brevicalyx*
Fourn. unpublished name. Not published until 1886.

North Mexico, region of San Luis Potosí 6000 to 8000
ft. (Parry & Palmer 959) Hb. kew.

= *Piptochaetium brevicalyx* (Fourn.) Ricker in Hitchc.

Mexico

Oryzopsis geminiramula Ohwi, Acta Phytotax. & Geobot.
17: 14. 1957.

"Afghanistan: Nuristan: Voma, leg. S. Kitamura,
Jul. 20, 1955, No. 168.

Oryzopsis gracilis (Mez.) Pilger, Notizbl. Bot. Gart.
Berlin 14: 347. 1939.

Based on *Piptatherum gracile* Mez.

West Tibet (Thomson)

China

Oryzopsis grandis (Pamp.) Maire & Weiller, Fl. Afr.
Nord. 2: 87. 1953.

Based on *O. caeruleoens* (Desf.) Bichter var.
grandis Pamp., Archiv. Bot. 12: 20. 1936.

Oryzopsis Grisebachi Speg. Anal. Mus. Nac. Montevideo
4: 4.-fig. 2. 1901.

Based on "*Piptochaetium pallidum* Ph. ? Griseb. ..."

"Speg. cites: 'Argentina, Oct. 1877 (P. G. Lorentz).'"

Piptochaetium valid in Parodi

Oryzopsis Hackellii (Arech.) Speg. Anal. Mus. Nac.
Montevideo 4: 10. fig. 4. 1901.

Based on *Stipa hackellii* Arech.

"Cerro de Montevideo, cerca de la cumbre" --Uruguay

= *Stipa Hackellii* in Hitchc.'s *Stipa* Rev. p. 277

Oryzopsis hendersoni Vasey, Contr. U. S. Nat. Herb.
1: 267. 1893.

F. L. Henderson no. 2249.

"Washington" Clements Mt. near North Yakima

T

Yakima, Washington

Man. U. S.

Oryzopsis henryi (Bendle) Keng, Claves gram. prin.
Sinicaenum 211. 1957.

Based on *Stipa henryi* Bendle.

Hupeh, China A. Henry 3444;
Szechuen---A. Henry 5530. China.

Oryzopsis holciformis (Marsch.-Bieb.) Hack. Denkschr.
Akad. Wiss. Math. Naturw. Wien 1: 8. 1885.

Based on *Agrostis holciformis* Marsch.-Bieb.

in *Tauria meridionali*, circa pagum Alupkam,

Transcaucasus, Russia, Eur.

Oryzopsis holciformis var. *kokanica* (Regel) Roshev. in
Fedtsch. Bull. Jard. Bot. Pierre Grand 14(Suppl. 2):
51. 1915.

Based on *Milium caeruleoens* var. *kokanicum* Regel

In valle fluvii Sarawoschan prope Pachud et Warsaminor
(O. Fedtschenko).

Central Asia

Oryzopsis holciformis var. *longiglumis* (Hausskn.) Halao.
Consp. Fl. Graec. 3: 354. 1904.

Based on *Piptatherum holciformis* var. *longiglumis*
Hausskn. [e]

"Hab. in herbosis M. Palamidi supra Naupliam"

Greece

Oryzopsis holciformis var. *songorica* (Trin.) Hack.
Naturhist. For. Kjöbenhavn Vid. Medd. 55: 164. 1903.

Based on *Urachne songorica* "Trin." This based on "*U.*
grandiflora [misappl.] Trin. in Ledeb. Fl. Alt. 1
(1829)" Not 1824.

In rupestribus montium Kurtzschum, Arkaul et Dolenkara
nec non prope Buchtarminsk (Meyer!); in montosis apru-
cis pr. Ajagus et in rupestribus montium Tarbagatal.
(Karelin et Kiril.) [From Mem. Acad. Meyer spec.
cited by Ledeb.]

Oryzopsis hymenoides (Roem. & Schult.) Ricker in Piper,
Contr. U. S. Nat. Herb. 11: 109. 1906.

Based on *Stipa hymenoides* R. & S., this based on
Stipa membranacea Pursh 1814, not L. 1753.

Man. U. S.

Oryzopsis hymenoides (Roem. & Schult.) Ricker x *Stipa*
neomexicana (Thurb.) Scribn. Weber, Rhodora 59: 276.
pl. 1230. 1957.

"Colorado, Boulder Co.: on hogback of Pierre Shales,
6 mi. N. of Boulder along Foothills Highway, 5,500 ft
alt., 26 June 1957, W. A. Weber 10565 (Colo. G.H.)."

Oryzopsis hymenoides var. *contracta* B. L. Johnson, Bot.
Gaz. 107: 24. 1945.

"Wyoming: Freezeout Hills, Carbon County, Elias
Nelson 4850 (type) (U. Wy)" = (University of Wyoming
Herb.) U.S.

Man. U. S.

Oryzopsis juncea (Michx.) B. S. P. Prel. Cat. N. Y.
67. 1888.

Based on *Stipa juncea* Michx. 1803, not L. 1753.

Hudson Bay, Canada, Michaux

= *O. canadensis* (Poir.) Torr.
Man. U. S.

Oryzopsis kashmirensis Hack. ex Hook.f. Fl. Brit. Ind.
7: 234. 1896, as syn. of *Oryzopsis munroi* Stapf

Asia

Oryzopsis keniensis Pilger, Notizbl. Bot. Gart. Berlin
9: 509. 1926.

"Kenia, Westseite: Nieri-Wald (blühend am 21. Dez.
1922--Rob. E. und Th. C. E. Fries n. 248; Typus!)"

Africa

Oryzopsis kingii (Bolander) Beal, Grasses N. Amer.
2: 229. 1896.

Based on "*Stipa kingii* Bolander."

Mount Dana, Calif., Bolander 6046 [error for 6097]

Man. U. S.

Oryzopsis kokanica (Regel) Roshev. in Kom. Fl. U.R.S.S.
2: 115, 742. pl. 5. fig. 14. 1934.

Milium caeruleoens var. *kokanicum* Rgl. in A. H. F.
7: 644. 1880. [Det. Hort. Petrop.]

In valle fluvii Sarawoschan prope Pachud et Warsaminor
(O. Fedtschenko)

Asia Media

Oryzopsis kopetdagensis Roshev. in Kom. Fl. U.R.S.S.
2: 117, 743. pl. 5. fig. 17. 1934.

"Asia Media: Turcomania in rupestribus montium
Kopetdag, inter St. Kurt-Su et Gauden 29/IV/1912
No. 2418, leg. W. Lipsky.

Oryzopsis lasiantha (Griseb.) Speg. Anal. Mus. Nac.
Montevideo 4: 1. fig. 1. 1901.

Based on *Piptochaetium lasianthum* Griseb.

Concepcion, Uruguay

= *P. lasianthum* Griseb.

Oryzopsis lateralis (Regel) Stapf in Hook.f. Fl. Brit. Ind. 7: 234. 1896.

Based on *Milium laterale* Regel, 1881.

Piptatherum. Afghanistan fide Munro, nom. nud.; Central Asia given by Regel.

= *Oryzopsis molinioides* (Boiss.) Hack.

Oryzopsis lateralis var. *effusa* Hook.f. Fl. Brit. Ind. 7: 234. 1896.

"O. *effusa* Hack. ex Herb. Duthie.--Hazara and Baltistan, ...Duthie. Karakoram....Clarke."

India

Oryzopsis latifolia Roshev. in Kom. Fl. U.S.S.S.

2: 116, 743. pl. 5. fig. 16a. 1934.

"Asia media, Tadzhikistania, Distr. Chodshent, prope Ingyrtshak; 8. V. 1914, leg. O. Knorring."

Oryzopsis leiocarpa Speg. Anal. Mus. Nao. Montevideo

4: 33. fig. 13. 1901.

Based on *Piptochaetium panicoides* Gris.* (non E. Desv.) Symb. ad Fl. Arg. p. 298, n. 1899 (1879):

? *P. panicoides* ?

*Griseb. must be a herbarium name or in let. not a published name.

Oryzopsis leiocarpa var. *major* Speg. Rev. Arg. Bot.

1: 10. 1925.

"= *Stipa lineolata* Mez, Fedde, Rep. XVII, p. 205." [1921] cited but var. not based on it.

"Hab. En las grietas de las lomas mas secas de la Sierra de Sta. Barbara, Jujuy, Nov. 1911."

Oryzopsis leiopoda Speg. Anal. Mus. Nao. Montevideo

4: 19. fig. 7. 1901.

"Hab. Rarissime in pratis montanis Sierra Ventana, Nov. 1895 (C. S.) = [Spegazzini]"

Basis of *Piptochaetium leiopodium* (Speg.) Henr.

Oryzopsis leucosperma Link ex Walp. Ann. Bot. [London]

3: 728. 1853, as synonym of *Urachne asperifolia* Trin.

Oryzopsis longearistata (Boiss. & Hausskn.) Roshev. in Fedtsch. Fl. Turkm. 1: 82. fig. 37. 1932, in Russian

Based on *Piptatherum longearistatum* Boiss. & Hausskn.

"montium Avroman et Sohahu Kurdistaniae Persioae...." [Haussknecht]

Persia

Oryzopsis macounii (Scribn.) Beal, Grasses N. Amer.

2: 229. 1896.

Based on *Stipa macounii* Scribn.

"John Brittain (first cited). Petitedioae, "New Brunswick, Canada"

= *Oryzopsis canadensis*

Man. U. S.

Oryzopsis melanocarpa Muhl. Desor. Gram. 79. 1817.

Name only, Muhl. Cat. Pl. 11. 1813.

Muhlenberg. In herb. Acad. Nat. Sci. Phila.

Pennsylvania

= *Oryzopsis racemosa* (J. E. Smith) Ricker

Man. U. S.

Oryzopsis membranacea (Fursh) Vasey, U. S. Dept. Agr.

Div. Bot. Bull. 12²⁴ 10. pl. 10. 1891.

Stipa membranacea Fursh

Banks of the Missouri River, Bradbury

= *O. hymenoides* (Roem. & Schult.) Ricker

Man. U. S.

Oryzopsis micrantha (Trin. & Rupr.) Thurb. Proc. Acad. Nat. Sci. Phila. 1863: 78. 1863.

Based on *Urachne micrantha* Trin. & Rupr.

Man. U. S.

North Amer. [type from Saskatchewan]

Oryzopsis microcarpa Pilger, Notizbl. Bot. Gart. Berlin

14: 346. 1939.

"Nanga-Parbat-Gebiet, Astor Tal: Daschkin, im Artemisien-Gesträuch zwischen Büschen und Steinen.... (30. Mai 1937--C. Troll n. 7272, Typus!)"

[Himalaya Exped. 1937]

Asia

Oryzopsis miliacea (L.) Benth. & Hook. ex Aschers. &

Schweinf. Mem. Inst. Egypte 2: 169. 1887.

Presumably based on *Agrostis miliacea* L. 1753.

Man. U. S.

Oryzopsis miliaceum var. *longearistatum* Beck, Wiss. Mitt.

Bosn. Herzegow. 9: 426. 1904.

"Bosnien: In lichten Wäldern der Gomila velika bei Krupa (B.), auf der Ormet Pl., bei Otasovac an der Klekovaša Fl. (B.)."

Europe

Oryzopsis miliacea f. *pauciflora* (Bég. & Vaco.) Maire

& Weiller, Fl. Afr. Nord 2: 83. 1953.

Based on *O. pauciflora* Bég. & Vaco., Ann. di Bot. 12: 94. 1912.

Oryzopsis miliacea var. *thomasi* (Duby) Richt. Fl. Eur.

33. 1890.

Milium thomasi Duby. Bot. Gall. 1: 525. 1828.

Corsica "ad promontorium Capo-Corso diotum reperit Ph. Thomas."

Oryzopsis miliacea f. *typica* (Fiori) Maire & Weiller,

Fl. Afr. Nord 2: 83. 1953.

Based on *Milium multiflorum* var. *typicum* Fiori, Fl. Anal. Ital. p. 87.

Oryzopsis molinioides (Boiss.) Hack. ex Paulsen, Natur-

hist. For. Kjöbenhavn. Vid. Medd. 55: 165. 1903.

Based on "*Piptatherum molinioides* Boiss."

"ad fontem Dohesohme Fias diotum montis Kuh-Daëna Kotschy No. 755a."

[Is this Kuh-i-Dena, Fars Province, Persia ?]

Oryzopsis molinioides var. *effusa* (Hook.f.) R. R.

Stewart, Brittonia 5: 440. 1945.

Based on "O. *lateralis* var. *effusa* [Hack. ex] Hook.f."

[Not Hack. ex Hook.f. Hack. given by Hook. for Species not var.: "O. *effusa* Hack ex Herb. Duthie"]

Hazara and Baltistan, ...Duthie. Karakoram....Clarke

[India]

Oryzopsis molinioides var. *pubiflora* (Hack.) Borzm.

Beih. Bot. Centralbl. 33: 215. 1915.

Based on *Oryzopsis pubiflora* Hack.

"montis Elwend ... ad Tusirkam (27. VI.)." N. Persia, coll. Wäimer

Oryzopsis mongolica (Turcz.) Beal, Bot. Gaz. 15: 111. 1890.

Name is based on *Stipa mongolica* Turcz., an Asiatic species.

Note by A.S.H. "The plant described is *Stipa porteri* Rydb."

= *S. porteri* Rydb.

Man. U. S.

Oryzopsis montevidensis (Spreng.) Haum. Anal. Mus. Nao. Hist. Nat. Buenos Aires 29: 116. 1917.

Based on *Caryochloa montevidensis* Spreng.

Montevideo, Uruguay

Oryzopsis mucronata (Griseb.) Parodi, Rev. Mus. La

Plata Bot. n. ser. 6: 227, 230, 306. 1944.

Based on *Piptochaetium mucronatum* Griseb.

Salta; Nevado del Castillo

[Argentina]

Oryzopsis multiflora Cav. Druce, Dep. Bot. Exchange

Club Brit. Isles 3 (1912): 180. 1913.

Based on *Piptatherum multiflorum* Beauv. this based on *Milium multiflorum* Cav.

Eur. Asia

= *Oryzopsis miliacea* (L.) Benth. & Hook.

Man. U. S.

Oryzopsis multiradiata (Hack.) Hand.-Mazz. Symb. Sinioae

76: 1295. 1936.

"O. Munroi Stapf f. *multiradiata* Hack. in Sched." cited. [no citation of publ.]

"Yunnan: Umgebung von Yunnanfu (Maire ex hb. Edinb. 2912). Im NE bei Dungschan (Maire, distr. Bonati 6854, 6920 s. B., 6926s. B.). Wasserränder bei Tschoudjiasetang (Maire, diese alle det. Hackel)."

Oryzopsis Munroi Stapf. in Hook.f. Fl. Brit. Ind.

7: 234. 1896.

Asia

"Western Himalaya; from Kashmir to Garwhal.... Western Tibet; Ladak, Nubra and Zaskar....Distrib. Afghan."

Oryzopsis mutica Link, Enum. Fl. 1: 41. 1821.

= *O. asperifolia* Michx. [awn fallen]

Man. U. S.

North America

Oryzopsis napostaensis Speg. Anal. Mus. Nao. Montevideo

4: 15. fig. 6. 1901.

"Hab. In aridis australioribus prov. B. Aires inter Sierra de Curá-malal et Rio Negro, per ann. 1895-99." Basis of *Piptochaetium napostaense* (Speg.) Hack. in Stuck.

Oryzopsis napostaensis var. *brachyphylla* Speg. Anal.

Mus. Nao. Montevideo 4: 17. 1901.

"In collinis Sierra Curamalal, Sierra Ventana, neo non prope Bahia Blanca aest. 1895-99."

Argentina

Oryzopsis napostaensis var. *brachysperma* Speg. Anal.

Mus. Nao. Montevideo 4: 17. fig. 6, d-f. 1901.

"Hab. Passim cum typo in pratis La Pantanosa prope Carmen de Patagones, Febr. 1898 et prope Sierra de Curamalal, Dec. 1899 (C. S.)." [Spegazzini]

Basis of *Piptochaetium brachysperma* (Speg.) Parodi

Oryzopsis napostaensis var. *macrophylla* Speg. Anal. Mus.

Nao. Montevideo 4: 17. 1901.

"Ad ripas fluminis Rio Negro, prope Carmen de Patagones, Febr. 1898 (C.S.)."

= *Piptochaetium napostaense* (Speg.) Hack.

Oryzopsis Neesii Pilger, Bot. Jahrb. Engler 56(Beibl.

123): 26. 1920.

Based on *Piptatherum obtusum* Nees; *Urachne obtusa* [Nees] Trin. & Rupr., non *Oryzopsis obtusa* Stapf

= *Stipa obtusa* (Nees & Mey.) Hitchc.

Peruviae...ad Arequipa

- Oryzopsis obtusa* Stapf in Hook.f. Icon. Pl. 24: pl. 2393 (1895).--China
"China; Prov. Hupeh, near Ichang (no. 3507) and Nanto --- (No. 3896), Dr. A. Henry."
- Oryzopsis ovata* (Trin. & Rupr.) Speg. Anal. Mus. Nao. Montevideo 4: 21. fig. 8. 1901.
Based on *Stipa ovata* Trin. & Rupr.
Montevideo
"= *Piptochaetium ovatum* (Trin.) E. Desv."
- Oryzopsis pallescens* Westberg, Act. Hort. Bot. Univ. Imp. Jurjew. 5: 147. 1904.
[All in Russian] but a note: "O. pallescens [resembles] *Piptatherum longearistatum* Boiss. & Hausskn. [by following characters]: rhizome stolonifero; paniculae contractae spiciformis ramis 1-2-nis strictis; glumis 7-nerviis" makes it valid publication.
Latvia
- Oryzopsis pamiralaica* G. Grig., Acad. Sci. U.S.S.R. Trud. Tadzhikist. Fil. 8: 582. 1938.
Declivia septentrionalia jugi Hissar. Systema fluminis Tagob, in fl. Jagnob influentis. In declivis septentrionalibus vallibus fl. Cumarb. Festucetum Francheti-cousiniosum. 2 VIII 1934, no. 169. Leg. G. Grigorjev.
Asia
- Oryzopsis panicoides* (Lam.) Speg. Anal. Mus. Nao. Montevideo 4: 31. fig. 12. 1901.
Based on "*Stipa panicoides* Lam."
= *Piptochaetium panicoides* (Lam.) E. Desv.
S. Amer.
- Oryzopsis paradoxa* (L.) Nutt. Journ. Acad. Phila. 3: 128. 1823. [as new Batt. & Traub. Fl. Alger. Monoc. 167. 1895, same basis.]
Based on *Agrostis paradoxa* L. Sp. Pl. 62. 1753.
Basis also of *Milium paradoxum* (L.) L. Sp. Pl. ed. 2. 1: 90. 1762.
France
- Oryzopsis paradoxa* var. *ericlemma* Maire, Bull. Soc. Hist. Nat. Afr. Nord 32: 220. 1941.
"Cette variété est de beaucoup la plus répandue et constitue probablement le type de l'espece."
[Maire C 3383 bis 1941]
North Africa
- Oryzopsis paradoxa* var. *leiocemma* Maire, Bull. Soc. Hist. Nat. Afr. Nord 32: 220. 1941.
"France: Aveyron à Millau (Fourès, Soc. Française, no. 2253); Gard (Duval-Jouve).
Italie (teste Duval-Jouve)."
- Oryzopsis paradoxa* var. *virescens* (Trin.) Richt. Fl. Eur. 1: 34. 1890.
Based on *Milium paradoxum* Scop. which is based on *Agrostis paradoxa* L. Spec. pl. 6. [no. 6] p. 62.
In Galloprovincia, G. Narbonensi
France
= *O. paradoxa* (L.) Nutt.
- Oryzopsis parviflora* Nutt. Journ. Acad. Nat. Sci. Phila. 3: 125. 1823.
= *Oryzopsis pungens* (Torr.) Hitchc. Man. U. S.
Bellows Falls, Vermont.
- Oryzopsis pauciflora* Bég. & Vaco. Ann. di Bot. 12: 94. 1913.
"Tripoli nell'oasi a Sciara Soiat (2, VI, 1913: V.)."
Africa
- Oryzopsis platyantha* (Nevski) G. Grig., Acad. Sci. U.S.S.R., Trud. Tadzhikist. Fil. 8: 578. 1938.
Based on: *Piptatherum platyanthum* Nevski
Asia
- Oryzopsis pringlei* Beal, Bot. Gaz. 15: 112. 1890.
Chihuahua, Mexico, Pringle 1410.
X = *Stipa pringlei* Scribn.
Man. U. S.
- Oryzopsis pringlei* Scribn. ex Beal, Grasses N. Amer. 2: 226. 1896. Not Beal, 1890.
"Mexico (Oaxaca) Pringle 4759."
= *Stipa virescens* H.B.K. of Mex., not known from U.S.
- Oryzopsis pubiflora* Hack. in Stapf, Denkschr. Akad. Wiss. Math. Naturw. (Wien) 50(2): 8. 1885.
"In locis saxosis montis Elwend, ad partes ad septentrionem vergentes aditus ad Tusirkan (27. VI.)."
T
N. Persia coll. Wähner in 1882.
- Oryzopsis pubiflora* (Trin. & Rupr.) Scribn. Proc. Amer. Acad. 28: 122. 1893. Not Hack. 1885.
Based on *Urachne pubiflora* Trin. & Rupr.
= *Nassella pubiflora* (Trin. & Rupr.) Desv. Grasses. Ecuador, Peru, & Bolivia
- Oryzopsis pungens* (Torr.) Hitchc. Contr. U. S. Nat. Herb. 12: 151. 1908.
Based on *Milium pungens* Torr. in Spreng.
Schenectady, New York
Man. U. S.
- Oryzopsis purpurascens* Hack. Naturhist. For. Kjöbenhavn Vid. Medd. 55: 164. 1903.
"N. 994. Famir, on moist slopes near the lake Jashil Kul."
Central Asia
- Oryzopsis purpurea* (La Peyr) Richt. Fl. Eur. 1: 34. 1890.
Based on *Milium purpureum* La Peyr.
M. de Fort-Sarral, du côté de Millas. Pyr.-Or.
- Oryzopsis racemosa* (J. E. Smith) Ricker in Hitchc. Rhodora 8: 210. 1906.
Based on *Milium racemosum* J. E. Smith.
Man. U. S.
- Oryzopsis richardsoni* Beal, Bot. Gaz. 15: 111. 1890.
Based on *Stipa richardsoni* Link, but misapplied to *Oryzopsis canadensis* (Poir.) Torrey.
= *S. richardsoni* Link
Man. U. S.
- Oryzopsis rigida* Less. & A. Rich. Zotov, Trans. & Proc. Roy. Soc. New Zeal. 73: 235. 1943.
Based on *Agrostis rigida* Rich. [Less. & A. Rich.]
Passe des Francais, New Zealand
to *Dichelachne rigida* Steud.
- Oryzopsis rigidiseta* Pilger, Bot. Jahrb. Engler 56(Beibl. 123): 26. 1920.
"Peru: Depart. Puno, Azangaro; (Weberbauer n. 475.--Februar 1902)."
T
= *Stipa rigidiseta* (Pilger) Hitchc.
Andes Grasses.
- Oryzopsis Ruprechtiana* (Desv.) Speg. Anal. Mus. Nao. Montevideo 4: 12. fig. 5. 1901.
Based on *Piptochaetium ruprechtianum* Desv. which is based on *Stipa bicolor* Trin. & Rupr. [not Vahl]
= *Piptochaetium ruprechtianum* Desv.
- Oryzopsis Seleri* Pilger, Verh. Bot. Ver. Brand. 51: 192. 1909.
Basis of *Piptochaetium seleri* (Pilger) Henr.
"Habitat in Guatemala, in dept. Huehuetenango, in "Llanos" in jugo summo montium Andium inter Todos los Santos et Chiantla sitorum....Seler n. 3238."
Man. U. S.
= *Piptochaetium fimbriatum* (H.B.K.) Hitchc.
- Oryzopsis setacea* A. Rich. in Dict. Class. Hist. Nat. Bory 12: 445. 1827.
"Cette petite Plante a été trouvée a Montevideo, par Commerson."
= *Piptochaetium panicoides*
[See photostat on shelf]
- Oryzopsis setifolia* (Presl) Henr. Med. Rijks Herb. Leiden 40: 57. 1921.
Based on *Piptochaetium setifolium* Presl
= " " "
Andes Grasses
Peru, South Amer.
- Oryzopsis sibirica* (L.) Beal, Grasses N. Amer. 2: 226. 1896.
Misapplied to *Oryza bloomeri* (Boland) Ricker
Based on "*Stipa sibirica* (L.) Lam."
[*Avena sibirica* L.] Not known from Amer.
See note under *O. bloomeri* in Man. U. S.
- Oryzopsis sogdiana* G. Grig., Acad. Sci. U.S.S.R. Trud. Tadzhikist. Fil. 8: 576. 1938.
Montes Hissar. Systema fl. Jagnob. In declivis orientalibus jugi Uoz-cada. Alt. 3000m. Alopecuretum. 5 VIII 1934, no. 174. Leg. G. Grigorjev.
Asia
- Oryzopsis sphacelata* (Boiss. et Buhse) Bornm. Repert. Sp. Nov. Fedde 51: 231. 1942.
Based on *Piptatherum sphacelatum* Boiss.)
Transcaspiia--Persia
- Oryzopsis stewartiana* Bor, Kew Bull. 1953: 272. 1953.
"Ind. Or.: Fulga, Parbatti Valley, 2000 m., 22 Jul. 1935. Mohinder Nath 988 (typus in Herb. Kew.)."
Asia

Oryzopsis stipoides (Trin. & Rupr.) Speg. Anal. Mus. Nao. Montevideo 4: 23. fig. 9. 1901.

Based on *Urachne stipoides* Trin. & Rupr.

= *Piptochaetium stipoides* (Trin. & Rupr.) Hack. ex Arech.

Brazil meridionalis (Sellow)
South Brazil

Oryzopsis tiraquensis (Kuntze) Schum. Just's Bot. Jahresh. 26: 330. 1900.

Based on "*Stipa tiraquensis* O. Ktze."

Tiraque, Bolivia

Oryzopsis trichotoma (Nees) Druce, Rep. Bot. Exch. Club Brit. Isles 2: 420. 1910.

Stipa trichotoma Nees

= *Nassella trichotoma* (Nees) Hack.

Montevideo (Sellow. Vidi in Herb. Reg. Berol.)
Uruguay, South Amer.

Oryzopsis tuberculata (Desv.) Speg. Anal. Mus. Nao. Montevideo 4: 26. fig. 10. 1901

Based on *Piptochaetium tuberculatum* Desv.

Valdivia (Gay), Osorno (Bridges, in Herb. Webb) y muy comun en Montevideo y en el Brasil meridional.

Chile [also Uruguay and Brazil]

Oryzopsis turcomanica Roshev. ex Fedtsch. Bull. Jard. Imp. Bot. Pierre Grand 14(Suppl. 2): 50. 1915, without description; Fl. Ross. Asiat. 18: 184. 1916.

Piptatherum turcomanicum Litw. given as syn.

"Turcomania: In montibus supra Piruza pr. chan-jalla ca. 1200 m. (18. VII. 1897. Cal. Jul. D. Litwinow! No. 184a)."

Oryzopsis uruguayensis (Griseb.) Speg. Anal. Mus. Nao. Montevideo 4: 29. fig. 11, a-c. 1901.

Based on *Piptochaetium uruguense* Griseb.

Prov. Entrerios;
pr. Concepcion del Uruguay

Oryzopsis vavilovi Roshev. Bull. Appl. Bot. Gen. & Fl. Breed. 19: 123, with fig. 1928.

"Kafiristan, ad tractus Forum, 3500-4000 mt. 20, X. 1924 (N. Vavilov)." [Afghanistan]

Aff. *O. molinioides*

Oryzopsis verrucosum (Phil.) Speg. Anal. Mus. Nao. Montevideo 4: 28. 1901; [spelled *verruculosa* error] op. cit. 4: 29. 1901. fig. 11d,e,f. 1901.

"*O. verrucosa*."

Philippi "sub *Piptochaetium*" cited, based on *Piptochaetium verrucosum* Phil.

S. Juan loco Pantanos, Chile.

= *Piptochaetium montevidense* (Spreng.) Parodi.

Oryzopsis vicaria O. Grig., Acad. Sci. U.S.S.R. Trud. Tadzhikist. Fil. 8: 574. 1938.

Sohugnan, in valle fl. Pjandsh inter pag. Chorog et Nischus, 30 V 1914, No. 81, leg. Tuturin et Nessedin.

Asia

Oryzopsis virescens (Trin.) Beck, Fl. Nieder-Oesterr. 1: 51. 1890.

Based on "*Urachne virescens* Trin." this based on "*Milium paradoxum* Scop." which is based on *Agrostis paradoxa* L. Sp. Fl. ed. 2. 1: 90. 1762.

= *Oryzopsis paradoxa* (L.) Nutt. 1823.

[France]

Oryzopsis ? webberi (Thurb.) Benth. ex Vasey, Grasses U. S. 23. 1883 (U. S. Dept. Agr. Spec. Rep. 63; 23. 1883.)

Based on *Eriocoma webberi* Thurb.

Sierra Valley, Calif., Bolander

Man. U. S.

Oryzopsis wendelboi Bor, Nyatt Mag. Bot., Oslo 1: 16. 1952; Grasses of Burma, Ceylon, India and Pakistan 641. 1960.

Chitral. Very common about 3300m.

Exsicc.- Per Wendelbo a.n., Barum Gol, Shokor Shal, Chitral.-Bor.

Otachyrium junceum Nees ex Steud. Nom. Bot. II. 2: 236. 1841. error for *Otachyrium junceum* Nees

= *Panicum* & *Otachyrium*

Brazil

Osterdamia japonica (Steud.) Hitchc. U. S. Dept. Agr. Bull. 772: 166. 1920.

Based on *Zoysia japonica* Steud.

Man. U. S.

Japan

Osterdamia liukiensis Honda, Bot. Mag. Tokyo 36: 114. 1922.

"Liukiu: ins. Okinawa (Y. Tashiro, no. 9)"

= *Zoysia*

Osterdamia macrostachya (Franch. & Sav.) Honda, Bot. Mag. Tokyo 36: 114. 1922.

Based on *Zoysia macrostachya* Franch. & Sav. Nippon, ad Yokoska (Savatie n. 1501 bis)

Japan

= *Zoysia*

Osterdamia matrella (L.) Kuntze, Rev. Gen. Fl. 2: 781. 1891.

Presumably based on *Agrostis matrella* L.

"in *Malabariae arenosis* Koenig 56."

Malabar, India

= *Zoysia matrella* (L.) Merr. Man. U. S.

Osterdamia sinica (Hance) Kuntze, Rev. Gen. Fl. 2: 781. 1891.

Based on *Zoysia sinica* Hance

Ad oras Chinae austro-orientalis usque saltem ad Amoy. (Exsicc. n. 10155.)

China

= *Zoysia*

Osterdamia tenuifolia (Willd.) Kuntze, Rev. Gen. Fl. 2: 781. 1891.

Based on *Zoysia tenuifolia* Willd. ex Trin.

"V. spp. Mascor."
Mascarene Islands

Osterdamia zoysia Honda, Bot. Mag. Tokyo 36: 113. 1922.

Zoysia pungens Willd. cited.

an dem sandigen Meeresufer der malabarischen Küste.

Malabar, India

= *Zoysia*

Osterdamia zoysia var. *tenuifolia* (Willd.) Honda, Bot. Mag. Tokyo 36: 113. 1922.

Zoysia tenuifolia Willd. ex Trin.

"V. spp. Mascor."

Mascarene Islands

= *Zoysia*

Otachyrium inaequale (Pilger) Pilger, Notizbl. Bot. Gart. Berlin 11: 239. 1931.

Based on *Panicum inaequale* Pilger [not Muell. 1874]

Mattogrosso:...an der Piava (Meyer 499) Brazil

Otachyrium junceum Nees, Agrost. Bras. 272. 1829.

"*Panicum Pterygodium* Trin. Monogr. ined." cited, but *P. pterygodium* Trin. was published in 1826.

"Habitat in siccis elevatis deserti Minarum inter Villa Fanado et Contendas, in campis S. Philippi, provinciae Minarum---"

Brazil

T = *Panicum pterygodium* Trin.

Otachyrium pterigodium (Trin.) Pilger, Notizbl. Bot. Gart. Berlin 11: 239. 1931.

Based on *Panicum pterigodium* Trin.

Brazil (Nees)

Otachyrium truncatum (Nees) Pilger, Notizbl. Bot. Gart. Mus. Berlin 11: 239. 1931.

Based on *Panicum truncatum* Nees 1829. Not Trin. 1826.

Habitat in ripa fluminis Jequetinhonha---prov. Minarum"

Brazil

= *Panicum*

Otachyrium versicolor (Doell) Henr. Blumea 4: 511. 1941.

Based on *Panicum versicolor* Doell

Jequetinhonha prov. Minarum

[Brazil]

Ottochloa arnotiana (Nees) Dandy, Journ. Bot. Brit. & For. 69: 55. 1931.

Based on *Panicum arnotianum* Nees

" " " "

Ceylon. Java

Ottochloa fusca (Ridl.) Dandy, Journ. Bot. Brit. & For. 69: 55. 1931.

Based on *Hemigymnia fusca* Ridl. [not *Panicum fuscum* Sw.]

Base of *Panicum creperum* Beeder

Malay Peninsula - Malacca (Griffith)...Rantau Panjang (Kloss)...Tanjong Malim (Burkill)...Pulau Betong (Curtis)....

Ottochloa gracillima C. E. Hubb. Kew Bull. Misc. Inf. 1934: 445. 1934.

"Queensland: Moreton District; Moggill, on hills in open Eucalyptus forest, in shade, April 1931, Hubbard 8600 (type)."

Australia
aff. *O. nodosa* (Kunth) Dandy

Ottochloa grandiflora P. Jansen, Reinwardtia 2: 313. 1953.

West New Guinea, Wissel Lake Region, at about 1800 in altitude, Eyma 5294 (type: Herb. Bogor.).

- Ottochloa malabarica* (L.) Dandy, Journ. Bot. Brit. & For. 69: 55. 1931.
Based on *Poa malabarica* L.
[see *Poa malabarica* L. card]
India
- Ottochloa nodosa* (Kunth) Dandy, Journ. Bot. Brit. & For. 69: 54, 55. 1931. Same in Lazarides, Australian Journ. Bot. 9: 210. 1961.
Based on *Panicum nodosum* Kunth [which was based on *P. multinode* Presl. Not Lam.]
= *Panicum* [holotype of *Ichnanthus oblongus* Hughes 1923]
Sorzogon, Luzoniae Philippines
- Oxyanthe japonica* Steud. Syn. Fl. Glum. 1: 197. 1854.
Based on "*Sericoura japonica* Steud. "Flora 1846 p. 20" vol. 29.
Japan
genus not identified--see type card.
Hackel (True Grasses 82, refers *Oxyanthe* to *S. Gymnothrix* of Pennisetum, a Malayan species with very long bristles. Nieuwland erroneously transferred *Arundo phragmites* L. to *Oxyanthe* [= *Phragmites communis*.] [see Man. U. S. p. 936.]
- Oxyanthe phragmites* (Linn.) Nieuwl. in Midl. Naturalist 3: 332. 1914.
Based on *Arundo phragmites* L.; this = *Phragmites communis*, but *Oxyanthe* Steud. is not *Phragmites*, Steudel describes spikelet "uniflorae"
Man. U. S.
Japan
- Oxydenia attenuata* Nutt. Gen. Fl. 1: 76. 1818.
"On the banks of the Mississippi near New Orleans."
= *Leptochloa filiformis* (Lam.) Beauv.
Man. U. S.
- Oxydenia filiformis* Nutt. ex Jacks. Ind. Kew 2: 392. (1818) 1894, as synonym of *Leptochloa filiformis* Beauv.
South America
= *Leptochloa filiformis* (Lam.) Beauv.
Man. U. S.
- Oxydenia virgata* (L.) Nutt. ex Jacks. Ind. Kew 2: 392. 1894, as synonym of *Leptochloa virgata* (L.) Beauv., this based on *Cynosurus virgatus* L.
Jamaica
[Nutt. Gen. N. Amer. Fl. p. 77. 1818, observes that "*Elenia virgata* of Jamaica" probably belongs in *Oxydenia*
Man. U. S.
- Oxyrhachis gracillima* (Baker) C. E. Hubb. in Hook. Icon. Fl. 5: ser. 5- 35 of entire work, pl. 3454 - 1947.
Based on *Rottboellia gracillima* Baker
Madagascar (Baron 4457)
- Oxyrhachis mildbraediana* Pilger, Notizbl. Bot. Gart. Berlin 11: 655. 1932.
"Bez. Iringa; Lupembe, Sumpfstelle am Ruhudje - Fluss. H. J. Schlieben n. 693."
[specimen marked "nov. gen et spec 1" in Pilger script is Schlieben 3559]
Tanganyika Terr.
- Oxytenanthera abyssinica* (A. Rich.) Munro, Trans. Linn. Soc. 26: 127. 1868.
Based on *Bambusa abyssinica* A. Rich. Tent. Fl. Abyss. 2: 439. 1851.
[emended-Mattei, Boll. R. Orto, Bot. Giard. Colon. Palermo 8: 35. 1909]
- Oxytenanthera albo-ciliata* Munro, Trans. Linn. Soc. 26: 129. 1868.
"Hab. in Ind. or. Pegu...no. 19! Brandis; Moulmein, no. 27! Falconer v.s."
Basis of *Gigantochloa albo-ciliata*
- Oxytenanthera aliena* McClure, Lingnan Univ. Sci. Bull. 9: 39. 1940.
"Hongkong: The Peak, in the estate of Mountain Lodge, H. Fung 21375 (type); and BG 2757 (living type) in Lingnan University. Bamboo Garden."
- Oxytenanthera alopecurus* Stapf, New Bull. Misc. Inf. 1909: 266. 1909.
"O. Versteeg, 1132."
"Dutch New Guinea. Without precise locality."
- Oxytenanthera auriculata* (Kurz) Frain, Bengal Fl. 1234. 1903.
Based on "*Bambusa auriculata* Kurz.
"Burma, Assam, etc."
India
- Oxytenanthera borsii* [Palermo] Mattei, Boll. Orto Bot. 8: 36. pl. 1. 1909; 9: 64-65. 1910. Deso. copied, but Senni not cited, except in title-- "Senni--lecta" "Dembesan: M^o Anfalb. x, 1907. (n. 792)."
"Erytrea, in Monte Areschia, ad Eleberet, in Dembesan altitudine 1800-2060 m. (Senni)."
Basis of *Houzeaubambusa borsii* Mattei 1910.
Africa
- Oxytenanthera bourdillonii* Gamble in Hook.f. Fl. Brit. Ind. 7: 403. Dec. 1896; Gamble, Ann. Bot. Gard. Calcutta 7: 76. 1896.
"Travancore; on the Ghats...Bourdillon"
India
- Oxytenanthera brachythyrus* K. Schum. Fl. Kais. Wilh. Land 23. 1889.
"I. Augusta Station: Hollrung n. 669."
New Guinea
- Oxytenanthera Braunii* Pilger, Bot. Jahrb. Engler 39: 601. Jan. 1907.
B. L. Institut--Amami n. 1347--leg. Braun
Nyassaland: Africa
- Oxytenanthera dinhensis* E. G. & A. Camus in Lecomte, Fl. Gén. Ind.-Chine 7: 620. 1923; Not. Syst. Lecomte 4: 47. 1923, in Latin.
"Cochinchine: mont Dinh, près Baria (Pierre)."
- Oxytenanthera felix* Keng, Journ. Washington Acad. Sci. 30: 425. 1940.
China "collected on plain of the Nam Ha, between Muang Hai and Keng Hung, Yunnan Province, altitude 1,260-1,350 meters, February 15-17. 1922, by J. F. Rock (no. 2462)."
"In U. S. Nat. Herb." 1214319 fl. specimen, 1214320 leaf bearing specimen.
- Oxytenanthera Hayatae* A. Camus, Bull. Mus. Hist. Nat. (Paris) 28: 444. 1922.
"Annam: Bellevue (Hayata, no. 728)."
- Oxytenanthera hosseusii* Pilger, Repert. Sp. Nov. Fedde 3: 116. 1906.
"Siam: Sül. Nakontai, circ. 120m ü. M.; ... (Hosseus no. 723a--)"
- Oxytenanthera lacei* Gamble, New Bull. Misc. Inf. 1910: 385. 1910 (republished Gamble, op. cit. 1911: 192. 1911)*
"Indo-China Burma: Thatone District; E. of Salween river, Hlaingbwe Forest Reserve and Mplaung, J. H. Lace 4578, 4584."
"1911 citation Burma. Thatone District: E. of Salween R. rest same as 1910 citation."
- Oxytenanthera macrostachya* (Kurz) Brandis, Indian trees (Addenda) p. 719. 1906.
Based on *Gigantochloa macrostachya* Kurz
"Martaban, Tenasserim" Burma
- Oxytenanthera macrothyrsus* Schum. in Engl. Pflanzenw. Ost.-Afr. C 5: 117. 1895.
"Sansibar.-- (Kisserewe--Stuhlmann n. 6228, Kasi.-- Derselbe n. 6177)."
Africa
- Oxytenanthera monodelpha* (Thwaites) Alston, Suppl. Fl. Ceylon 6: 342. 1931.
Based on *Dendrocalamus monadelphus* Thwaites
Ceylon
- Oxytenanthera nigrociliata* (Buse) Munro, Trans. Linn. Soc. 26: 128. 1868.
(same Munro, Journ. Asiat. Soc. Bengal 39²: 88. 1870)
Based on *Bambusa nigro-ciliata* Buse
"Habitat insulam Javae prope Tjiberem...Jungh."
- Oxytenanthera nigrociliata* var. *Hohenackeri* C.E.C. Fisch. in Gamble, Fl. Pres. Madras 10: 1861. 1934.
"Coorg, near Mercara, Hohenacker 527 (type in Herb. Kew.)."
India
- Oxytenanthera parviflora* Keng f. in Keng, Claves gram. prim. Sinicarum 158. 1957, nom. nud.; Acta Phytotax. Sinica 6: 358. 1957.
China--"Yunnan australis: Nan-chiao Hsien, alt. 1460 m., Junius 1936, leg. C. W. Wang 75259 (Typus in Herbario Hort. Bot. Nank., Chung-shan, Nanking)."
- Oxytenanthera parvifolia* Brandis ex Hook.f. Fl. Brit. Ind. 7: 402. Dec. 1896; Gamble, Ann. Bot. Gard. Calcutta 7: 72. 1896.
"Burma; in the Yonzalin Valley, collected by D. Brandis in March 1880."
- Oxytenanthera poilanei* A. Camus, Bull. Mus. Hist. Nat. (Paris) 27: 455. 1921.
"Annam: Lao bao, pr. Quang-tri (Poilane no. 1339)."
Asia
- Oxytenanthera Ritcheyi* (Munro) Blatter, Ind. Forest. 55: 592. 1929; Journ. Bombay Nat. Hist. Soc. 33: 773. 1929. (Oct. 15)
Based on *Bambusa Ritcheyi* Munro
"---Ind. or. Bombay, Kala Muddi ...Ritchie, no. 820; v.s."

Oxytenanthera ruwensorensis Chiov. Ann. Ist. Bot.
Roma 6: 148. 1907.

"in expeditione Ducis Aprutii lectae."

"Nabitava e kichuchu." Africa

Oxytenanthera simata Gamble in Hook.f. Fl. Brit. Ind.
7: 431. Dec. 1896; Gamble, Ann. Bot. Gard. Calcutta
7: 71. 1896.

"Malaya: Sunjei Ulong. Johore, Ridley (var. with
glabrous spikelets).

Oxytenanthera Stocksii Munro, Trans. Linn. Soc.
26: 130. 1868.

"Hab. in Ind. or. Concan, Stocks. v.s."

Oxytenanthera tenuispioulata E.G. & A. Camus in Lecomte,
Fl. Gén. Ind.-Chine 7: 621. 1923; Not. Syst.
Lecomte 4: 48. 1923, in Latin.

"Cochinchine: prov. de Baria (Poullane)"

Oxytenanthera Thwaitesii Munro, Trans. Linn. Soc.
26: 129. 1868.

Based on "*Dendrocalamus monadelphus* Thw."

Basis of *Oxytenanthera monadelphus* (Thw.) Alston

Oxytenanthera thwaitesii var. *densa* E. G. Camus, Bamb.
Monogr. 147. Atlas pl. 91. f. C. 1913.

"Inde: Monte Nilgiris Bababudan, Karmul, etc.; Monte
Tamil, Camboja (Pierre No. 6661); forêts entre Tay
nink et Belim (Lefèvre no. 337)."

Oxytenanthera warburgii (Hack.) Schum. Bot. Jahrb.
Engler 31: 457. 1901.

Basis not given [*Schizostachyum warburgii* Hack.]
[Volkens 322, 443Karolinan] Caroline Islands

Padia Meyeriana Zolling. & Mor. in Moritz, Syst. Verz.
Zoll. 103. (1845-46)

"Crescit in dumetis ins. Javae prope Tjikoyam. 27.
Nov. 1842. No. 718."

= *Oryza meyeriana* (Zoll. & Mor.) Baillon.

Paleocriocoma hitchcockii Elias, Geol. Soc. Amer. Spec.
Papers 41: 100. pl. 15. f. 7, 8. 1942.

fossil

"Found only in the Middle Pliocene (Ash Hollow forma-
tion) at Beecher Island Post Office, Yuma Co.,
Colorado."

Fallasia aculeata Kuntze, Rev. Gen. Fl. 1²: 781. 1891.

Based on *Crypsis aculeata* Ait.

" " " "

Eurasia

Panicum aridum (Vasey) Lunell, Amer. Mid. Nat.
4: 222. 1915.

Based on *Poa arida* Vasey

" " " "

Man. U. S.

New Mexico

Panicum Buckleyanum maius (Vasey) Lunell, Amer. Mid.
Nat. 4: 222. 1915.

Change of name for "*Poa tenuifolia* var. *maior* (Vasey)"
ined. no specimen so named by Vasey has been found.

Unidentified

Man. II p. 1000

Panicum bulbosum var. *viviparum* (Koch.) Lunell, Amer.
Mid. Nat. 4: 222. 1915.

Based on *Poa bulbosa* var. *vivipara* Koch

= *Poa bulbosa* L.

Man. U. S.

Panicum compressum (L.) Lunell, Amer. Mid. Nat.
4: 222. 1915.

Based on *Poa compressa* L.

" " " "

Man. U. S.

Panicum glaucum (Vahl.) Lunell, Amer. Mid. Nat.
4: 222. 1915.

Based on *Poa glauca* Vahl.

" " " "

Man. U. S.

Norway

Panicum interius (Rydb.) Lunell, Amer. Mid. Nat.
4: 222. 1915.

Based on *Poa interior* Rydb.

" " " "

Man. U. S.

Wyoming

Panicum longiligulum (Scribn. & Williams) Lunell,
Amer. Mid. Nat. 4: 222. 1915.

Based on *Poa longiligula* Scribn. & Williams

" " " "

Man. U. S.

Panicum nemorale (L.) Lunell, Amer. Mid. Nat. 4: 222.
1915.

Based on *Poa nemoralis* L.

" " " "

Man. U. S.

Panicum pratense (L.) Lunell, Amer. Mid. Nat.
4: 222. 1915.

Based on *Poa pratensis* L.

" " " "

Man. U. S.

Panicum pratericolum (Rydb. & Nash) Lunell, Amer.
Mid. Nat. 4: 223. 1915.

Based on *Poa pratericola* Rydb. & Nash

= *Poa arida* Vasey

Man. U. S.

Panicum sandbergii (Vasey) Lunell, Amer. Mid. Nat.
4: 223. 1915.

Based on *Poa sandbergii* Vasey

= *Poa secunda* Presl

Man. U. S.

Panicum triflorum (Gilib.) Lunell, Amer. Mid. Nat.
4: 223. 1915.

Based on *Poa triflora* Gilib.

" " " "

Man. U. S.

Panicastrella capitata (L.) Moench, Meth. 206. 1794.

Based on "*Cenchrus capitatus* L."

= *Echinaria capitata* (L.) Desf.

Europe

Panicastrella muricata Moench, Meth. 206. 1794.

Cites: "*Cenchrus echinatus* L. Icon. Schreber Gram.
p. 9. tab. 23. fig. 1."

"*Plantas hortenses*"

= *Cenchrus echinatus* L.

Panicularia acutiflora (Torr.) Kuntze, Rev. Gen. Fl.
1: 783. 1891.

Based on "*Glyceria acutiflora* Torr."

= *Glyceria acutiflora* Torr.

Man. U. S.

Panicularia americana (Torr.) MacM. Met. Minn. Val.
81. 1892.

Based on "*Poa aquatica* var. *americana* Torr."

= *Glyceria grandis* S. Wats.

Man. U. S.

Panicularia angustata (R. Br.) Scribn. Mem. Torrey
Bot. Club 5: 54. 1894.

Based on *Poa angustata* R. Br. [App. Parry's Voy.
1824.] Chlor. Melv. 29. 1823 basis of *Puccinellia*
angustata (R. Br.) Nash.

Melville Island Arctic America

Name misapplied to *Puccinellia pumila* (Vasey) Hitchc.

Man. U. S. II: 946. 1951.

Panicularia antarctica (Speg.) Maclosk. in Scott. Rep.
Princ. Univ. Exp. Patag. 8: 219. 1904.

Presumably based on *Glyceria antarctica* Speg.

Fuegia

Panicularia aquatica Kuntze, Rev. Gen. Fl. 1: 782.
1891.

Based on "*Poa aq. L.*" *P. aquatica* L.

Basis of *Glyceria aquatica* (L.) Vahl. not Presl 1819

= *Glyceria maxima* (Hartm.) Holmb.

Europe

Panicularia australasica Kuntze, Rev. Gen. 1: 782.
1891.

Based on *Glyceria australasica* Steud. this basis of
Eragrostis australasica (Steud.) C. E. Hubb.

Australia

Panicularia borealis Nash, Bull. Torrey Club 24: 348.
1897.

"Fernald, Van Buren, Me., July 25, 1893, No. 193
Nash, Cairo, N. Y. July 10, 1893." [type]

= *Glyceria borealis*

Man. U. S.

Panicularia brachyphylla Nash, Bull. Torrey Club
24: 349. 1897.

"-----open swamp near the N. Y. & Harlem R.R. just
north of the northern line of the N. Y. Botanical
garden grounds."

= *Glyceria fluitans*

Man. U. S.

Panicularia brevifolia Porter, Bull. Torrey Club
20: 205. 1893.

Based on *Festuca brevifolia* Muhl.

this = *Triplasis purpurea* (Walt.) Chapm.

Man. U. S.

Panicularia canadensis (Michx.) Kuntze, Rev. Gen. Fl.
1: 783. 1891.

Based on "*Briza canadensis* Michx."

= *Glyceria canadensis*

Man. U. S.

Panicularia nervata var. *rigida* Nash ex Rydb. Mem.
N. Y. Bot. Gard. 1: 54. 1900.

"Montana: Lima, June 29, 1895, F. A. Rydberg, 2068
(The type: [2068])

= *Glyceria striata* (Lam.) Hitchc. Man. U. S.

Panicularia nervata striata Scribn. U. S. Dept. Agr.
Div. Agrost. Bull. 13: 44. 1898.

"Colorado - Wyoming State line, [A. Nelson] (3818);
Grand Encampment Creek, (3979) (Scribner)

= *Glyceria striata* (Lam.) Hitchc. Man. U. S.

Panicularia nervata f. *striata* (Scribn.) House, New
York State Mus. Bull. 254: 118. 1924.
See Scribner 1898.

Based on "*Glyceria nervata* var. *striata* Scribn."
= *Glyceria striata* (Lam.) Hitchc. [not in Man.]

Panicularia nervata var. *viridis* Farwell, Mich. Acad.
Sci. Rep. 22: 180. 1921.

"Ypsilanti, no. 5234 [Farwell] June 15, 1919."
[Michigan]

= *Glyceria striata* (Lam.) Hitchc. Man. U. S.

Panicularia Nuttalliana Kuntze, Rev. Gen. Pl. 1: 783. 1891.

Based on "*Atropis tenuifolia* Thurb., *Poa tenuifolia*
Nutt. 1862" [error for Buckley]

= *Poa scabrella* (Thurb.) Benth. Man. U. S.

Panicularia obtusa (Muhl.) Kuntze, Rev. Gen. Pl.
1: 783. 1891.

Based on *Poa obtusa* Muhl.

= *Glyceria obtusa* (Muhl.) Trin. Man. U. S.

Panicularia occidentalis Piper in Piper & Beattie, Fl.
Northw. Coast 59. 1915.

"Type specimen collected at Vancouver Washington,
C. V. Piper no. 4905, June 5, 1904."

= *Glyceria occidentalis* (Piper) J. C. Nelson
Man. U. S.

Panicularia pallida (Torr.) Kuntze, Rev. Gen. Pl.
1: 783. 1891.

Based on *Windsoria pallida* Torr.

= *Glyceria pallida* (Torr.) Trin. Man. U. S.

Panicularia pallida var. *flava* (Scribn.) Farwell, Mich.
Acad. Sci. Rep. 6: 203. 1904.

"*Glyceria flava* Scribn." ined. cited.

"frequent in Sphagnum in Keweenaw Co. [Mich.]"

= *Glyceria pallida* (Torr.) Trin. Man. U. S.

Panicularia pauciflora (Presl) Kuntze, Rev. Gen. Pl.
1: 783. 1891.

Based on "(Thurb., *Glyceria* p. Presl)."

= *Glyceria pauciflora* Presl Man. U. S.

Panicularia plicata (Fries) Scribn. & Merr. Contr.
U. S. Nat. Herb. 13: 76. 1910.

Based on "*Glyceria plicata* Fries"

Scandinavia

= *Glyceria plicata* Fries

Panicularia procumbens (Curtis) Kuntze, Rev. Gen. Pl.
1: 782. 1891.

Based on *Poa procumbens* Curtis

England

= *Puccinellia rupestris* (With.) Fern. & Weath.
Man. U. S.

Panicularia pulchella Nash, Bull. N. Y. Bot. Gard.
2: 157. 1901.

"Type collected by R. S. Williams near White River,
Aug. 17, 1899." [Alaska]

= *Glyceria pulchella* (Nash) Schum.

Panicularia ramigera (F. Muell.) Kuntze, Rev. Gen. Pl.
1: 782. 1891.

Based on "(*Glyceria ramigera* Benth. F. Muell., this
based on *Poa ramigera* F. Muell.)

Australia

Panicularia remota (Forsel.) Kuntze, Rev. Gen. Pl.
1: 782. 1891.

Based on *Poa remota* Forselles; this basis of *Glyceria*
remota (Forsel.) Fries

Finland

Panicularia rigida (Nash) Rydberg, Fl. Rocky Mount. 83.
1917.

Based on *Panicularia nervata rigida* Nash

Montana, Rydb. 2068

= *Glyceria striata* (Lam.) Hitchc. Man. U. S.

Panicularia scabrella (Thurb.) Kuntze, Rev. Gen. Pl.
1: 783. 1891.

Based on *Atropis scabrella* Thurb.

Oakland, Cal.

= *Poa scabrella* (Thurb.) Benth. Man. U. S.

Panicularia septentrionalis (Hitchc.) Bickn. Bull.
Torrey Club 35: 196. 1908.

Based on *Glyceria septentrionalis* Hitchc.

N. J.

Man. U. S.

Panicularia striata (Lam.) Hitchc. in Small, Man.
Southeast. Fl. 132. 1933.

Based on *Poa striata* Lam.

= *Glyceria striata* (Lam.) Hitchc.

Virginia, Carolinas

Man. U. S.

Panicularis syrtica (F. Muell.) Kuntze, Rev. Gen. Pl.
1: 782. 1891.

Based on *Poa syrtica* F. Muell.

Australia

Panicularia tenuifolia (Presl) Kuntze, Rev. Gen. Pl.
1: 782. 1891.

Based on *Catabraea tenuifolia* Presl.

Chile

Panicularia Thurberiana Kuntze, Rev. Gen. Pl. 1: 783.
1891.

Based on *Atropis pauciflora* Thurb.

Sierra Valley, Cal.

= *Poa nevadensis* Vasey Man. U. S.

Panicularia Torreyana Merr. Rhodora, 4: 146. 1902.

Based on *Poa torreyana* Spreng.

Mass.

= *Glyceria melicaria* (Michx.) Hubb. Man. U. S.

Paniculum undulatifolium Ard. Animad. Spec. Alt. 14.
1764.

No loc. given. [cult. Italy from Orient.]

Basis of *Oplismenus undulatifolius* (Ard.) Roem. &
Schult.

Panicum abludens Roem. & Schult. Syst. Veg. 2: 457.
1817; Roth, Nov. Plant. Sp. Ind. Orient 53. 1821.

"*Panicum paradoxum* Roth, nov. plant. Spec. Ms. ...
In India orientali. Benj. Heyne."

= *Digitaria granularis* (Trin.) Henr.

Panicum abortivum R. Br. Prodr. Fl. Nov. Holl. 193. 1810

"(T.) Littora Novae Hollandiae intra tropicum."

Australia

"*Andropogon squarrosus* Herb. Linn."

"...Linnaeus, about 1770 [Mant. Alt. 183. 1771] re-
ceived [this] from Koenig....described it as....
Phalaris zizanioides. Koenig also sent specimens to
Retzius, who published it as *Andropogon muricatus*
(Obs. 3: 43. 1783)....this adopted by Roxburgh and
most other botanists....recently replaced by *Andro-
pogon squarrosus* L.f. [Suppl. Fl. 433. 1781. [Ceylon
for a plant entirely distinct from *Androp. muricatus*].
The specimen is still in L's herbarium and was cor-
rectly identified by R. Br. (Prodr. 193. 1810) with
his *Panicum abortivum*, that is *Chamaeraphis spines-
cens*, a...floating grass of Indo-Malayan....Retzius
is responsible for the erroneous reduction of *Andro-
pogon squarrosus* to *And. muricatus*, which has (Over)

Panicum abscissum Swallen, Journ. Washington Acad. Sci.
30: 215. f. 4. 1940.

"Type in the U. S. National Herbarium, no. 1259952,
collected in dry sand at tourist camp near lake,
Sebring, Fla., October 3, 1925, by Paul Weatherwax."

belongs to the *Agrostoides* group of *Panicum*

Man. U. S.

Panicum abyssinicum Hochst. Flora Intell. 24: 19.

1841, nom. nud.; A. Rich. Tent. Fl. Abyss. 2: 360.
1851.

"in pl. Schimp. Abyss., sect. 1, no. 82."

"Crescit in fruticetis opacis ad radices septentrio-
nales montis Sellauda in regno Tigré....(Schimper)."

Abyssinia

= *Digitaria abyssinica* (Hochst) Stapf.

Panicum abyssinicum var. *setigerum* Chiov. Nuov. Giorn.
Bot. Ital. n. ser. 19: 418. 1912.

"Hamasen: Ghinda al Dongollo....(n. 1238)."
Colonia Eritrea [Fiori, Coll.]

Africa

= *Digitaria*

Panicum abyssinicum var. *velutinum* Chiov. Ann. Ist. Bot.
Roma 8: 294. 1908.

"Assaorta: Bosci del Caribozzo (P. n. 2817)."

"Amasen: Regione Bet Garghia....(P. n. 3664); Valle

Affason (da Micheletti n. 138)."

"Sarad: Lungo il fiume Mareb presso Gundet (P. n. 340)

"Oulé Gusal: Bosco dell'Assarè presso Halai (P. n.

1659, 1955);del monte Metaten (P. n. 1591);

Gruppo dei monti Soyrà, monte Mamahot....(P. n.

1274)."

"Scimezana: Monte presso Senarè (P. n. 803)."

[P. = Kappi]

Colonia Eritrea, Africa

= *Digitaria abyssinica* var. *velutina* (Chiov.) Henr.

Panicum acariferum Trin. Gram. Icon. 1: pl. 87. 1827.

"*Melica latifolia* Roxb. Schult. Mant. 2. p. 297"
cited, but Trinius had a specimen from "India orien-
tali," basis of plate 87.

= *Thysanolaena*

[India]

Panicum accrescens Trin. Gram. Icon. 1. pl. 88. 1827.

"Specimen Nepalese."

Nepal. India

= *Cyrtococcum accrescens* (Trin.) Stapf

Panicum aciculare Desv. ex Poir. in Lam. Encycl. Suppl.

4: 274. 1816. "Desv. Herb."

"Cette plante croît dans les Indes orientales.
(V. s in herb. Desv.)."

erroneous, probably from southeast U. S. or from
West Indies.

Man. U. S.

Panicum aroanthum Steud. Syn. Fl. Glum. 1: 87. 1854.

"Hrb. Mus. Lugd. Batav. (sub *Milium globosum*
Thunb. quod non est) Japonia."

= *P. bisulcatum* Thunb.

Japan

Panicum aroanthum var. *brevipedicellatum* Hack. Bull.

Acad. Internat. Géogr. Bot. III. 16: 20. 1906.

"Province de Kiang-Sou, avec le type (déjà récolté
dans cette province par Staunton) leg. P. d'Argy.

China

T

Panicum acromelaenum Hochst. Flora 38: 198. 1855.

"(Hb. abyss. Buch. nr. 1513)." [Schimper, Coll. in
1853]

Basis of *Setaria acromelaena* (Hochst.) Durand &
Schinz.

Abyssinia

Panicum acrotrichum Hook. f. Journ. Linn. Soc. Bot.

7: 226. 1864.

"Hab. Cameroons Mountains." Collected by Mr.
Gustav Mann.

Africa

Panicum aculeatum Hitchc. & Chase, Rhodora 8: 209. 1906.

"Type Chase 2520 in National Herbarium.---"

...."Takoma Park, D.C. July 27, 1904."

T

Man. U.S.

Panicum acuminatifolium Robyns, Mem. Inst. Col. Belge

Sci. Nat. & Med. 1: 27 (repr) Fl. 2. f. A-P.

1932.

"District forestier central: Banalia, forêt ombragée
humide, décembre 1913, Bequaert 1402 (type)."

Belgian Congo, Africa

Panicum acuminatissimum Steud. Syn. Fl. Glum. 1: 45.

1854.

"Penins. Ind. or."

Panicum acuminatissimum Nees ex Doell in Mart. Fl.

Bras. 2²: 194. 1877; as syn. *Panicum secundum* Trin.
Not Steud. 1854.

Panicum acuminatum Swartz, Prodr. Veg. Ind. Occ. 23.

1788.

"Jamaica."

Man. W. I.

Panicum acuminatum Swartz misapplied by Muhl. Desor.

Gram. 125. 1817. in Kew. Ind.

= *kalapense* Man. U. S.

Panicum acuminatum Salzm. ex Doell in Mart. Fl. Bras.

2²: 234. 1877, as syn. of *Panicum amplexicaule*

Rudge. Not Swartz, 1788.

Panicum acutatum Steud. Syn. Fl. Glum. 1: 86. 1854.

"Urville legit prope Conception, Chili"

Panicum acutiflorum Poir. in Lam. Encycl. Suppl.

4: 283. 1816.

Native country unknown.

Panicum acutiflorum Steud. Syn. Fl. Glum. 1: 93. 1854.

as syn. sub *P. candicans* Not Poir. 1816.

= *Ichnanthus candicans* (Nees) Doell.

Brazil

Panicum acutifolium Willd. ex Spreng. Syst. Veg.

1: 320. 1825; as syn. of *P. capillare* L.

"*P. acutifolium* W. herb."

type in Willd. Herb. from Cumanacoa, Venezuela.
coll. Humboldt.

= *P. trichoides* Swartz

Panicum acutiglumum Steud. Syn. Fl. Glum. 1: 66. 1854.

"Hrb. Cuming nr. 2287"

"Ins. Philipp."

Panicum acutissimum Peter, Repert. Sp. Nov. Fedde Beih.

40: 188, 199 & Anhang, 48. pl. 13. f. 4. 1930.

Deutsch Ost Afr. [North] Pare....Lembeni...Peter
11409.

Africa

Panicum acutum (Humb. & Bonpl.) Rasp. Ann. Sci. Nat. I

5: 299. 1825.

Based on *Reimaria acuta* Humb. & Bonpl. ex Flugg.

Flugge cites *Reimaria acuta* Humb. & Bonpl. as syn.

Amer. Merid.

= *Reimarochloa acuta*

Panicum addisonii Nash, Bull. Torrey Club 25: 83. 1898.

"Collected by Mr. E. P. Bicknell in sandy soil at
Wildwood, N. J., May 30 and 31, 1897."

Man. U. S.

Panicum adenense Mez, Bot. Jahrb. Engler 57: 187. 1921.

"Arabien bei Aden (Schweinfurth n. 122)"

Panicum adenophorum Schum. in Engl. Pflanzenw. Ost-Afr.

5⁰: 103. 1895.

"Seengebiet (Ruhanga,--Stuhl. n. 2143, Runssori
2500 m Stuhl. n. 2331)."

East Africa

Panicum adenophyllum Pilger, Notizbl. Bot. Gart. Berlin

13: 260. 1936.

"Bezirk Lindi: westlich von Lindi, ca. 500 m ü. M.,
Nördliche Ausläufer des Muera-Plateaus, häufig im
Bambuswald (Feb. 1935--H. J. Schlieben n. 6064)."

East Africa (Tanganyika Terr.)

Panicum adenotrichum Boiv. in Baron, Rev. Madagasc.

8: 837. 1906, nom. nud.

Cote E. (Ste Marie)

Madagascar

Panicum adhaerens Forsk. Fl. Aegypt. Arab. 20. 1775.

Egypt.

= *Setaria verticillata* (L.) Beauv.

Panicum adoense Steud. Nom. Bot. ed. 2. 2: 252. 1841,

nom. nud.

Cites: "(*Setaria dioica*. Hochst. (hrbr. un. it. nr.
126 et 262.)"

= *Pennisetum*

Panicum adpressum Willd. Gesell. Naturf. Freunde Berlin

Neue Schrift. 4: 193. 1803.

"*Panicum adpressum* spicis geminatis, calycibus cilia-
tis adpressis, corollis hirsutis, culmo ramoso radi-
catis."

Hat fast mit einem Paspalo Aehnlichkeit. Die
Halme liegen, treiben auf den Knoten Wurzelchen und
sind ästig. Ähren stehen immer zwei beisammen.
This in a footnote to *Panicum ciliare* b) ist neu
und von *P. ciliari* verschieden. Ich nenne es:

"von Trankenbar nach Madras." India

Henrard (p. 66) found this name erased but legible on
the sheet of *Digitaria barbata* Willd. in Willdenow
Herbarium in Berlin, Willdenow in 1809 publishing the
same species, based on the same specimen, as *Digitaria*
barbata.

Digitaria

Panicum adscendens H.B.K. Nov. Gen. & Sp. 1: 97. 1815.

"Crescit in Nova Andalusia prope Cumanacoa (100 hexa-
in Peruvia ad Maris littora prope Guayaquil et Santa
in Nova Hispania juxta Zelaya et Queretaro, alt. 950
hexap."

(H.B.K.)

Basis of *Digitaria adscendens* Henr.

Panicum adscendens Willd. ex Schult. Mant. 2: 592. 1827,

as syn. of *P. brasiliense* Spreng. Not H.B.K. 1815.

Hoffm. & Kew Ind. 2: 410. 1894.

Spec. in Willd. Herb. = *Panicum parvifolium* Lam.
fide Hitchc.

Panicum adscendens H.B.K. ex Cham. & Schlecht. Limmaea

6: 32. 1831, without descr.

= *Digitaria adscendens* (H.B.K.) Henr.

Venezuela

Panicum adpersum Trin. Gram. Pan. 146. 1826.

"V. sp. Doming. (Sprengel, sub nomine *Pan. caespitosi*)"

Santo Domingo

Man. U. S.

Panicum adstans Steud. Syn. Fl. Glum. 1: 94. 1854.

"Hrb. Cuming nr. 2288. Malacca"

East Indies

Panicum adtenuatum Moench, Meth. Fl. Suppl. 67. 1802.

"h. H." Marburgi cult.

Panicum adustum Nees, Agrost. Bras. 101. 1829.

"Habitat in Brasilia meridionali. "(Sellow. Vidi
in Herb. Reg. Berol.)"

= *Digitaria adusta* (Nees) Griseb.

Panicum adustum var. *leianthum* Hack. Repert. Sp. Nov.
Fedde 6: 342. 1909.

"Bojas no lli in Hb. Hassler."

Paraguay "Gran Chaco: fluminis Pilocomayo."

= *Digitaria*

Panicum adustum var. *leucotrichum* Hack. Bull. Herb.
Boiss. II 4: 271. 1904.

..."fluminis Apa, Febr., n. 8488."

[Paraguay. Hassler]

Basis of *Digitaria adusta* var. *leucotricha* (Hack.)
Parodi

= *Digitaria*

Panicum adustum ^{matto}*grossensis* Pilger, Bot. Jahrb.
Engler 30: 131. 1901.

"Mattogrosso: bei Guyabá (n. 508.-Marz 1899."
Central Brazil.- coll. Hermann Meyer.

= *Digitaria mattogrossensis* (Pilg.) Henr.

Panicum adustum var. *phaeothrix* (Trin.) Hack. Bull.
Herb. Boiss. II. 4: 271. 1904.

Based on "*Panicum phaeothrix* Trin."

= *Digitaria phaeothrix* (Trin.) Parodi.

Panicum aegyptiacum Gouan, Hort. Monsp. 35. 1762.

"Gramen panicum minimum humi-stratum, spica divisa
mutica, foliis variegatis Sloan. Jam. Raj tom. 3.
p. 600."

"Aegypto"

= *Echinochloa oolonum* (L.) Link--Hitchcock, Types
Amer. Grasses p. 132. 1908.

Panicum aegyptiacum Retz. Obs. Bot. 3: 8. 1783.

Not Gouan 1762.

No place cited. [Egypt]

Basis of *Digitaria aegyptiaca* (Retz) Willd.

Panicum aegyptiacum Hort. ex Roem. & Schult. Syst. Veg.
2: 493. 1817, as syn. of *Setaria italica*. Not
Retz. 1783.

Egypt

Panicum aegyptiacum var. *blepharanthum* Chiov. Ann. Ist.
Bot. Roma 8: 296. 1908.

"*Panicum ciliare* Hochst." cited.

[Abyssinia]

Panicum aegyptium J. F. Gmel. Syst. 1596. 1791.
error for *aegyptiacum* "Retz. obs. bot. 3. p. 8"
page 159.

Basis of *Digitaria aegyptiaca* (Retz) Willd.

Egypt.

Panicum aemulum (R. Br.) Steud. Nom. Bot. ed. 2.
2: 252. 1841.

Based on *Orthopogon aemulus* R. Br.

= *Oplismenus aemulus* (R. Br.) Roem. & Schult.

Australia

Panicum aequabile Domin, Bibl. Bot. 85: 297. 1915.

"Nordost-Queensland: im Regenwalde am Waterfall
Creek sowie in einem Pandanus. Sumpf bei Yarraba
(Domin, I. 1910)."

Australia

Panicum aequatum Nees ex Steud. Syn. Fl. Glum. 1: 98.
1854.

"Ind. or. Nepal"

Panicum aequiglume Hack. & Arech. Anal. Mus. nac.
Montevideo 1: 113. 1894.

"en terrenos arenosos, Costa de Carrasco, en los
alrededores de la ciudad, Arazatí de San José, etc."

= *Digitaria aequiglume* (Hack. & Arech) Parodi

Uruguay

Panicum aequiglume Hook.f. Fl. Brit. Ind. 7: 44. 1896.
Not Hack. 1894.

"Nilghiri Hills; Goodador Ghats...Lawson."

Basis of *P. oreades* Domin based on *P. aequiglume*
Hook.f. 1896. Not Hack. 1894.

India

Panicum aequiglume var. *prostratum* Arech. Anal. Mus.
Nac. Montevideo 1: 114. 1894.

"habita en terrenos sueltos, arenosos, húmedos y
sombrios, en los campos gramíneos, orillas de los
montes. Costa de Carrasco a la sombra de sauces,
Arazatí de San José orillas del monte."

Panicum aequiglume Hack. & Arech. transferred to
Digitaria aequiglume by Parodi 1922
[var. *prostratum* not transferred.]

= *Digitaria*

Panicum aequiglume var. *tenerrimum* Arech. Anal. Mus.
Nac. Montevideo 1: 114. 1894.

Habita en parajes umbrosos, terrenos húmedos."

P. aequiglume Hack. & Arech. = *Digitaria* (Hack. &
Arech.) Parodi.

Uruguay

Panicum aequinerve Nees, Fl. Afr. Austr. 40. 1841.

"In graminosis inter Morley et Omtata alt. 1000-
2000' et graminibus altis immixtum inter Omsamulo
et ontarractas maiores pari altitudine, (Drège.)"

South Africa

Panicum aequivaginata Swallen, Contr. U. S. Nat. Herb.
29: 271. 1949. [unm]

Type in the U. S. National Herbarium No. 1910768,
collected between Bom Gosto and Olivença, Bahia,
Brazil, March 15, 1943, by Ricardo de Lemos Froes
(No. 19950).

Panicum affine Poir. in Lam. Encycl. Suppl. 4: 273.
1816.

"Cette espèce croît dans les Indes orientales."
(V. s. in herb. Desv.)"

Panicum affine Nees, Agrost. Bras. 113. 1829.
Not Poir. 1816.

"*Digitaria affinis* R. & Sch." cited among many others
as synonym; this = *P. geminatum* Forsk. and so does
Nees' specimen.

"Habitat in graminosis ad Soteropolin et Camamú,
provinciae Bahiensis, (Mart.)"

[Nees' own plant, localities for syns. cited follow]

Nees specimen is *Pan. geminatum* Forsk.

Panicum affine Hook. & Arn. Bot. Beechey Voy. 100.
1841. Not Poir. 1816, nor Nees 1829.

Sandwich Islands

= *Panicum collieri* Endl. based on *Panicum affine* Hook.
& Arn. 1841. Not Poir 1816.

Panicum africanum (Beauv.) Poir. in Lam. Encycl. Suppl.
4: 275. 1816.

Based on "*Oplismenus africanus* Pal.-Beauv."

West Africa

Panicum afrum Mez, Bot. Jahrb. Engler 57: 188. 1921.

"Kamerun (Zenker et Staudt)" Africa

Panicum Afzelii Swartz, Adnot. Bot. 5. 1829.

Sierra Leone, Africa

Panicum agglutinans Kunth, Enum. Fl. 1: 120. 1833.

Based on "*P. glutinosum* Lam. Ill. 1. 174. t. 43. f. 3
[1791] (excl. var. *foliis glabris*)" Not Swartz 1788.

Probably *Lasiacis sorghoidea* fide A.S.H.

Panicum agrioides Trin.* ex Doell in Mart. Fl. Bras.

2: 271. 1877, as syn. of *Panicum dubium* Lam. [this
described from Mauritius]

* "in herbario Reg. Berolinensi"

Panicum agrostideum Salzm. ex Steud. Nom. Bot. ed. 2.

2: 252. 1841, as syn. of *P. pallens* Sw.

= *Ichnanthus pallens*.

Brazil

Panicum agrostidiforme Lam. Tabl. Encycl. 1: 172. 1791.

"Ex Amer. merid. communic. A. D. Richard."

= *P. laxum* Sw.

Panicum agrostis Nees ex Doell in Mart. Fl. Bras.

2: 213. 1877, as syn. of *P. laxum*.

"Nees in herb. schedulis."

[Brazil]

= *P. laxum* Sw.

Panicum agrostoides Spreng. Fl. Pugill. 2: 4. 1815.

"first an original diagnosis; then *P. agrostidiforme*
Lam. Ill. n. 895[Lam. Tabl. Encycl. 1: 172] encycl 4.
738."

"Habitare videtur in Cayenna. Misit Mühlbergius
e Pennsylvania." A.C.

Piece of type in U.S. Man. U. S.

from Muhlenberg

Name only, Muhl. Am. Phil. Soc. Trans. 4: 236. 1799.

Panicum agrostoides Salzm. ex Steud. Syn. Fl. Glum.

1: 93. 1854, as syn. of *P. candidans* Nees.

Not Spreng 1815.

Brazil

= *Ichnanthus candidans*

Panicum agrostoides var. *condensum* (Nash) Fernald,

Rhodora 36: 74. 1934.

= *P. condensum* Nash

Man. U. S.

T 5576 Curtiss,

Florida

Panicum agrostoides var. *elongatum* (Pursh) Scribn. Tenn.
Agr. Exp. Sta. Bull. 7: 42. pl. 9. f. 34. 1894.

Based on *P. elongatum* Pursh
T. Delaware
= *P. stipitatum* Nash Man. U. S.

Panicum agrostoides var. *ramosius* (Mohr) Fernald,
Rhodora 38: 390. 1936.

Based on *P. elongatum ramosior* Mohr
Alabama....Mobile Co., Pierce's Landing

Panicum airoides R. Br. Prodr. Fl. Nov. Holl. 190.
1810.

"(T.) Littora Novae Hollandiae intra tropicum"
Australia

Panicum airoides Flüge ex Nees, Agrost. Bras. 175,
1829 in adnot. not R. Br. 1810.

"*P. madagascarense* Spreng. Syst. Veg. 1: 317." ob
citat. Hb. Willd., sed male desor. "cited as syn. of
Panicum maximum Jacq." by Nees.

"Hab. in Insula Franciae. (Bory de S. Vins.)"

Panicum alabamense Trin. ex Steud. Syn. Fl. Glum. 1: 64.
1854.

"Alabama, locality erroneously cited as North
Carolina."

= *Paspalum bifidum* (Bertol.) Nash Man. U. S.

Panicum alabamense Ashe, N. C. Agr. Exp. Sta. Bull.
175: 116. 1900. Not Trin. 1854.

"Auburn, Ala., May 7, 1898. Number 1530, Alabama
Biological Survey"

T = *P. wilsoniense* Ashe Man. U. S.
T

Panicum alakaiense Skotts. Medd. Göteborgs Bot.
Trädgård [Acta Hort. Gothob.] 15: 294. f. 97-103.
1944.

"Kauai: Alakai, bog along trail from Lehua Makanoa
toward Kilohana, fl. fr. 16/8 (2969)."

[Cranwell, Selling & Skottsberg 1938 collection]
Hawaiian Isl.

Panicum albens Trin. ex Steud. Nom. Bot. ed. 2
2: 252. 1841; Syn. Fl. Glum. 1: 96. 1854.

Based on "*Isachne albens* Trin."

= " " "
Nepal, India

Panicum albertense Mez, Bot. Jahrb. Engler 56 (Beibl.
125): 2. 1921.

"Trop. Australien (Cooper n. 667)."

Panicum albicommum Swallen & García, Caldasia 2: 303.
f. C. 1943.

"Dept. del Cauca: 'El Ramal' to Rio Sucio, west of
Popayan, Cauca Valley....Pennell & Killip 8129
(type, U. S. Nat. Herb.)...."

aff. *P. molle* Swartz

Panicum albidulum Steud. Syn. Fl. Glum. 1: 69. 1854.

"*P. subalbidum*. Hochst. Hrb. Nub. un. it. nr. 42...
Nubia." cited.

= *P. hygrocharis* Steud. fide Stapf.

Africa

Panicum albidum Mez, Bot. Jahrb. Engler 56 (Beibl. 125):
2. 1921.

"Cochinchina (Germain n. 71); Süd-China (Faber
n. 172)."

Panicum albociliatum Swallen, Brittonia 3: 149. 1939.

"Tate 1287, 2200 m." Mount Auyan-Tepui, Venezuela
aff. *P. sciurotes* Trin.

South America

Panicum albomaculatum Scribn. U. S. Dept. Agr. Div.
Agrost. Circ. 19: 2. 1900.

5203 C. G. Pringle Oct. 10, 1892.

Patzcuaro, State of Michoacan, Mex.

Panicum albomarginatum Nash, Bull. Torrey Club 24: 40.
1897.

"Collected by the writer in low pine land at Eustis,
Lake County, Florida, early in June, 1894, No. 925."

Man. U. S.

Panicum albovellereum Schum. ex Engl. Abh. Preuss. Akad.

Wiss. (Berlin) 1894: 35. 1894, nom. nud.; ex Engl.

Pflanzenw. Ost.-Afr. 5^o: 101. 1895.

Spelled "*albiellereum* Schum." in 1st citation.
Listed under the following with other species: "Viel
zahlreicher sind die Gräser und die zwischen denselben
gesehnenen Kräuter."

"Usambara. Bonda.--Holst n. 4015)."

"Massaihochland.-Kitui.-Hildebr. n. 2663)."

= *Brachiaria dictyoneura* (Fig. & DeNot.) Stapf

Panicum album Poir. in Lam. Encycl. Suppl. 4: 274. 1816.

"Cette plante croît à l'île de Java (V.s. in herb.
Desfont.)"

Panicum alqobense Swallen, Contr. U. S. Nat. Herb.
29: 423. 1950.

Type in the Chicago Natural History Museum, No.
1040005, collected in oak wood around top of Cerro
Alcoba, just east of Jalapa, Department of Jalapa,
Guatemala, altitude 1,700 meters, December 2, 1939,
by Julian A. Steyermark (No. 32515).

Panicum alectorocnemum St. Lag. Ann. Soc. Bot. Lyon
7: 70. 1880.

Based on *Panicum Crus galli* L.

= *Echinochloa* " " "

Panicum alectromerum Dulac, Fl. Haut. Pyr. 76. 1867.

"*P. Crus-galli* L." cited.

"Champs, hautains: Vic. Tarbes."

Echinochloa

Panicum alleizettei A. Camus, Not. Syst. Mus. Hist. Nat.
Paris 12: 87. 1945.

"Madagascar: bords du lac d'Alaotra, Herb. Jard. bot.
Tananarive 3417."

Panicum almadense Nees in Trin. Gram. Pan. 186. 1826.

"V. spp. Brasil. (Chamisso, Langsdorff.)"

basis of *Ichnanthus almadense* (Nees) Kunth

Brasil

Panicum alopecuroides L. Sp. Pl. 55. 1753.

"Habitat in China"

= *Pennisetum alopecuroides* (L.) Spreng.
Man. U. S.

Panicum alopecuroides (R. Br.) Spreng. Syst. Veg.
1: 309. 1825. Not L. 1753.

Based on "*Neurachne alopecuroides* R. Br.)"

Panicum alopecuroides Koen. ex Trin. Gram. Pan. 162.
1826, as syn. of *Panicum glaucum* L. this =
Pennisetum glaucum (L.) R. Br. Not L. 1753.
[misapplied]

[1]
Panicum alopecuroides L. Sp. Pl. ed. 2. 82. 1762.

"Habitat in Jamaica."

Panicum alopecuroides Schreb. ex Steud. Syn. Fl.
Glum. 1: 50. 1854. Not L. 1762.

"Brasil [terror] Ind. or."

Panicum Alopecurus Lam. Tabl. Encycl. 1: 169. 1791.

"E Brasilia"

= *Pennisetum breve* Nees

Panicum Alopecurum Fisch. ex Spreng. Nov. Prov. Hal.
38. 1819, as syn. of *Setaria macrostachya* Kunth

Panicum alsinoides Griseb. Fl. Brit. W. Ind. 550. 1864.

"Jamaica!, March; St. Kitts! Trinidad!, Pl.,"

= *Ichnanthus tenuis* Man. W. I.

Panicum alsophilum Swallen, Contr. U. S. Nat. Herb.
29: 422. 1950.

Type in the Chicago Natural History Museum, No.
1043333, collected in oak woods around the top of
Cerro Alcoba, just east of Jalapa, Department of
Jalapa, Guatemala, altitude 1,700 meters, December
2, 1939, by Julian A. Steyermark (No. 32413).

Panicum alternatum Brouss. Elench. Hort. Monsp. 42.
1805. Name only

Panicum altissimum Brouss. Elench. Hort. Monsp. 42.
1805. Name only.

(Pan. gongylodes based on plant from seed of this)
= *P. bulbosum* H.B.K. H. & C.

Panicum altissimum DC. ex Hornem. Hort. Hafn. 1: 84.
1813.

"Hab.--- T. D. intr. 1810."

Panicum altissimum G. Meyer, Frim. Fl. Esseq. 63. 1818.
Not DC., 1813.

"In sylvis humidis plantationis Hof van Holland"
Essequibo British Guiana

= *P. mertensii* Roth

Panicum altissimum Link, Hort. Berol. 2: 212. 1833.

Not DC.

"P. maximum Link, Hort. Berol. 1: 209, excl. Syn. de Cand. in Hornem. hort. 1.84. P. gongyloides Jacq. ecl. J. t. 21. Nees agr. 174. Hab."

Panicum altum Hitchc. & Chase, Contr. U. S. Nat. Herb. 17: 488. f. 57. 1915.

"Type in the U. S. National Herbarium, no. 693326, collected in moist sandy soil, near sea beach on Point Chams, Province of Panama, September 18, 1911, by A. S. Hitchcock (no. 8167)."

Panicum amabile Balansa, Bull. Soc. Bot. France 19: 324. 1872.

"Prairies.--Dotio (Bal. no 3585); Bourail (Bal. no. 894); Ile des Pins (Deplanche no. 88); Swan-river, Australie occidentale (Drummond no. 957). Nouvelle-Caledonie.

Australia

Panicum amadryadum Arech. ex Hickson, Chlor. Plat. Argent. 30. 1910, without descr.

Cites: "Bettfr., Herb. (1898) 44; Palermo."

[Argentina]

Panicum amaroides Scribn. & Merr. U. S. Dept. Agr. Div. Agrost. Circ. 29: 5. 1901.

Based on P. amarum minus Vasey & Scribn.

= P. amarum Ell. Man. U. S.

Panicum amarulum Hitchc. & Chase, Contr. U. S. Nat. Herb. 15: 96. f. 87. 1910.

U. S. National Herbarium no. 592748 collected..

"Virginia Beach, Va., by T. A. Williams (no. 3090)"
Man. U. S.

Panicum amarum Ell. Bot. S. C. & Ga. 1: 121. 1816.

"Grows among the sandhills on the seashore"
Presumably South Carolina

Man. U. S.

Panicum amarum var. minor [U.S.] Vasey & Scribn. U.S. Dept. Agr. Div. Bot. Bull. 8: 38. 1889.

Fortress Monroe, Va., Vasey

= P. amarum Ell. Man. U. S.

Panicum ambigens Chiov. Webbia 8: 62. 1951, as syn.
Brachiaria ambigens Chiov. l.c.

Africa

Panicum ambiguum La Peyr. Hist. Abr. Pyrénées 31. 1818, as syn. of *Panicum sanguinale* L.
this = *Digitaria sanguinalis* (L.) Scop.

Panicum ambiguum Trin, Mém. Acad. St. Pétersb. VI. Sci. Nat. 1: 243. 1834.

Based on "Urochloa paspaloides Presl. rel. Haenke 1, p. 318.----"
"V. sp. Manill." Not *Panicum paspaloides* Pers. 1805

Panicum ambiguum Sang. Atti Acc. Pont. Lincei I. 18: 219. t. 6. n. 1. 1865. Not Trin. 1834.

"In hortis viis cultis ubique." Italy

Panicum ambiguum (Cuss.) Hausskn. Oesterr. Bot. Zeitschr. 25: 345. 1875. Not Trin. 1834.

Based on *Setaria ambigua* Cuss., which is based on *Panicum verticillatum* var. *ambiguum*. Cuss.

= *Setaria verticillata* var. *ambigua* (Cuss.) Parl.

Same comb. made by Kneuck. Allg. Bot. Zeitschr. 8: 181. 1902. Based on P. verticillatum B. ambiguum

Panicum ambitosum Fourn. ex Hemsl. Biol. Centr. Amer. Bot. 3: 485. 1885, nom. nud.

Based on "Fourn. Mex. Fl. Enum. Gram. p. 30, nom. nud. Fourn. Mex. Fl. 2: 30. 1886.

"Orizaba (Thomas in herb. Buchinger); Vera Cruz (herb. Uzac)."

Doubtful Species---H. & C.

Panicum amositrense A. Camus, Bull. Soc. Bot. France 72: 370. 1925.

"Madagascar centr.: env. d'Ambositra, ... (Perrier de la Bathie, no. 10.851)...."

Panicum ambougense A. Camus, Bull. Soc. Bot. France 99: 64. 1952.

Madagascar

Panicum americanum L. Sp. Pl. 56. 1753.

In America

See Manual p. 981. "This name and *Pennisetum americanum* Schum., based on it, have been used for P. glaucum (L.) R. Br. The original description is unidentifiable, probably based on a confusion of two or more species."

= *Pennisetum* acc. to Leeke

= *Pennisetum glaucum* (L.) R. Br. valid but misapplied by Brown to *Setaria*---see Chase, Man. U. S.

Panicum amethystinum Franch. Bull. Soc. Hist. Nat. Autun 8: 343. 1893.

"Hab. Dans les plaines sèches autour de Brazzaville (J. de Brazza et Thollon, n. 389)."

Africa

Panicum amophilum Trin. ex Nees, Agrost. Bras. 164. 1829, as syn. of *Panicum chloroticum* var. *sylvestre* Nees.
Brazil

Panicum amophilum Steud. Syn. Fl. Glum. 1: 92. 1854.

"Afr. austr."

= *Tricholaena arenaria* in Stapf S. Afr.

Panicum amophilum F. Muell. Trans. & Proc. Vict. Inst. (Melbourne) 1854/1855: 46. 1855. Not Steud. 1854 as syn. only.

"On sandhills along the Murray River" No collector given

Australia

Digitaria amophila (F. Muell.) Hughes based on this = *Digitaria*

Panicum amnigenum Trin. ex Steud. Nom. Bot. ed. 2. 2: 252. 1841, nom. nud.

Panicum amoenum Balansa, Journ. de Bot. 4: 142. 1890.

"Tu-Phap, Hanoi, Langson, dans les bois, les haies (Balansa 468, 470, 1631, 1632)."

Indo-China

Panicum amphibium Steud. Syn. Fl. Glum. 1: 61. 1854.

"Hrbr. Zollinger nr. 416." "Java"

Panicum amphibolum Steud. Syn. Fl. Glum. 1: 51. 1854.

"P. intermedium Salzm. hrbr. Bahia."

Brazil

T = *Setaria*

Panicum amphistemon Wright, Anal. Acad. Cienc. Habana

8: 207. 1871 [reprint Fl. Cubana 198. 1873]

...3464]. Cerco de Mayari abajo.

Cuba

= *Scutachne amphistemon* (Wright) H. & C.

Panicum amplexens Chapm. Bot. Gaz. 3: 20. 1878.

"South Florida"

[Blodgett] Man. U. S.

= *P. dichotomiflorum* Mx.

Panicum amplexens (Stapf) Pilger, Notizbl. Bot. Gart. Berlin 11: 241. 1931. Not Chapm. 1878.

Presumably based on *Acroceras amplexens* Stapf

"Zentr. und westl. Afrika"

French Sudan: Middle Niger; Koulikoro, Chevalier 2187.

Panicum amplexicaule Rudge, Fl. Guian. 1: 21. pl. 27. 1805.

Guiana

plate is an excellent representation of *Hymenachne amplexicaulis* (Rudge) Nees

Panicum amplexicaule Poir. (teste Beauv.) ex Kunth, Enum. Fl. 1: 113. 1833, as syn. sub. *ovalifolium* Poir. Oware, Benin, Beauv. Not P. amplexicaule Rudge 1805

= *P. ovalifolium* Poir. fide Stapf.

Africa

Panicum amplexicaule var. *b. deflexa* Doell. in Mart. Fl. Bras. 2^o: 234. 1877.

Brazil [many specimens cited] but none assigned to var. a or b.

= *Hymenachne*

Panicum amplexicaule var. *a. erecta* Doell. in Mart. Fl. Bras. 2^o: 234. 1877.

Brazil [many specimens cited] but not assigned to a or b

Panicum amplexifolium Hochst. Flora 38: 194. 1855.

"(Hb. abyss. Buch. nr. 1161 et 1213.)."
[Schimper Coll. in 1853]

Trop. Africa

Referred to *Urochloa inculcata* (Steud.) Stapf in Stapf Fl. Trop. Afr.

Panicum amplexifolium Griseb. ex Mez, Bot. Jahrb. Engler 56(Beibl. 125): 3. 1921. Not Hochst. 1855.

As syn. of *Panicum Grisebachianum* Mez, Mistake for *amplexicaule*, though Grisebach uses the name H. myuros, not *amplexicaule*, giving Pan. *amplexicaule* Rudge as synonym.

"Cuba (Wright n. 3863)" cited by Mez, as P. *amplexifolium* Griseb., non alior.) Cat. Cub. -- Wright n. 3863.

Wright 3863 (see Hitchcock Cuba Grasses p. 213) is a mixture of *Hymenachne auriculata* (Willd.) Chase = H. *donacifolia* (Raddi) Chase and *Panicum laxum* and P. *condensum*. Mez must have seen a specimen of H. *donacifolia* and recognized it as different from Pan. *amplexicaule* Rudge, naming it P. *Grisebachianum* Mez, and citing the Grisebach use of the name as "*amplexifolium*" instead of "*Amplexicaule*"

= *Hymenachne donacifolia* (Raddi) Chase.
over

Panicum amplifolium Steud. Syn. Fl. Glum. 1: 53. 1854.

"*Setaria macrostachya* Hochst. in Hrbr. Kappleri nr. 1411. Surinam."

T = *Setaria vulpiseta* (Lam.) R. & S.

Panicum amplissimum Steud. Syn. Fl. Glum. 1: 54. 1854.

"Hrbr. Cuming nr. 583. Ins. Phillip."

Panicum anabaptistum Steud. Syn. Fl. Glum. 1: 75. 1854.

"*P. oxyanthum* Steud. olim in Hrbo Lenorm. minime nr. 54. Leprieur legit in Senegalia."

Panicum anceps Michx. Fl. Bor. Amer. 1: 48. 1803.

"Hab. in Carolinae herbosis humidis sylvaticis."

In Michx. herb. [photo & spikelets U. S.]

Man. U. S.

Panicum anceps var. *angustum* Vasey, U. S. Dept. Agr.

Div. Bot. Bull. 8: 37. 1889. ["angusta" in Vasey]

G. C. Nealley -- Texas -- type

= *P. anceps* Michx. Man. U. S.

Panicum anceps var. *densiflorum* Vasey, U. S. Dept. Agr.

Div. Bot. Bull. 8: 37. 1889.

[Marshall], Texas, Riggs [91]

= *P. anceps* Michx. Man. U. S.

Panicum anceps var. *minus* Reichenb. ex Doell in Mart.

Fl. Bras. 2(2): 213. 1877, as syn. of *P. laxum*

Swartz.

Brazil

Panicum anceps var. *pubescens* Vasey, U. S. Dept. Agr.

Div. Bot. Bull. 8: 37. 1889.

Dr. Mohr -- Mobile, Ala.

= *P. longifolium* Torr. Man. U. S.

Panicum anceps var. *rhizomatum* (Hitcho. & Chase) Fernald

Rhodora 36: 73. 1934.

Based on *P. rhizomatum* Hitcho. & Chase

= " " " " " "

Man. U. S.

Orangeburg, S. C. (Hitchook no. 450)

Panicum anceps var. *strictum* Chapm. Fl. South. U. S.

573. 1860.

"Damp sterile soil" Florida

= *P. tenerum* Beyr. in Man. U. S.

Panicum ancylocarpum Nees ex Steud. Nom. Bot. ed. 2.

2: 252. 1841. Nom. nud. origin unknown

Panicum ancylotrichum Quisumb. & Merr. Philippine

Journ. Sci. Bot. 37: 135. 1928.

Mindanao, Davao Province, Mati, Bur. Sci. 49069
Hamos and Easno, April 9, 1927, along Davao River, in
thickets and forests and in the open, at low altitudes

Philippine Isls.

Panicum andongense Rendle, Cat. Afr. Fl. Delw.

2: 167. 1899.

"Pungo Andongo. Wet places in the praesidium...
No. 2793." [Welwitsch]

Basis of *Brachiaria andongense* (Rendle) Stapf

Africa

Panicum Andrianum Mez, Bot. Jahrb. Engl. 56(Beibl. 125):

5. 1921.

"Columbia (karsten,André n. 871)."

Panicum andrewsi Rendle in Andrews, Monogr. Christmas

Isl. 192. pl. 18. 1900.

"Hab. -- Christmas Island, 1897. Also collected in
Timor by Wallace and Curtis (in Herb. Kew)."
[Indian Ocean]

Panicum andringitrense A. Camus, Bull. Soc. Bot. France

72: 369. 1925.

"Madagascar centr.: massif de l'Andringitra....
(Ferrier de la Bathie, nos. 10,793; 13,625; 14,414;
14,550)."

Panicum angolense (Rendle) K. Schum. in Just's, Bot.

Jahresb. 27: 1. 457. 1901.

Based on "*Digitaria angolensis* Rendle"

=

Angola, Africa

Panicum angustifolium Ell. Bot. S. C. & Ga. 1: 129. 1816

No loc. cited. Presumably South Carolina

Man. U. S.

Panicum angustifolium LeConte ex Torr. in Eaton, Man.

Bot. Ed. 2. 342. 1818. Not *P. angustifolium* Ell.
1816.

"C" = Columbia college. "Plants which grow about
New York."

= *P. dichotomum* L. Man. U. S.

Panicum angustifolium Ell? err. det. Chapm. Fl. South.

U. S. 574. 1860.

Fla. and S. C.

= *P. brachyanthum* Steud.

Texas. [Type San Bernardino. Bidell 20]

Man. U. S.

Panicum angustissimum Hochst. ex Steud. Syn. Fl. Glum.

1: 66. 1854.

"Surinam et ex Hrbo. Cuming nr. 1668. Ins. Philipp."

Surinam plant Kappl. 1499; seen at Halle by A.S.H.
notebook (2: 32) = *Sacciolepis vilvoldes*

Panicum angustum Wall. List n. 1642. 1829. Nom. nud.

India

Panicum angustum Trin. Gram. Icon. 3: pl. 334. 1834.

Not Wall. List 1829, nom. nud.

"figura ad specimen Nepalense"

= *Sacciolepis*

Panicum anisostachium Bojer, Hort. Mauriti. 364. 1837,

nom. nudex C. Cordem. in E. Cordem. Fl. Ile Réunion
116. 1895.

Cordem. cites "Boj. (Hort. Maur., 364, nomen)"

"Rare. De Saint-Denis à Saint-Pierre, sur le
littoral et jusqu'à 600 mètres d'altitude."

Ile Réunion, Indian Ocean

Panicum anisotrichum Mez, Notizbl. Bot. Gart. Berlin

7: 70. 1917.

"Sudan gallicus, loco accuratiore non indicato
(Lecard n. 118)."

T = *Brachiaria*

Panicum ankarense A. Camus, Bull. Soc. Bot. France

92: 50. 1945.

"Madagascar (N.): collines et plateaux calcaires de
l'Ankarana, prov. Diego-Suarez; forêt tropophile
entre Andondro et Ambodimandro; rocailles; alt.
250 m. (Humbert, no. 18,989); base N.-W. de la
falaise de l'Ankarana (Humbert, no. 18,855)."

Panicum annulatum Hochst. in A. Rich. Tent. Fl. Abyss.

2: 370. 1851.

Based on "*Helopus annulatus* Nees [error, not Nees
ipse 1829]---in Kotschy, Itin. Nub., 382; Hochst--
Schimp. Abyss III. 1748, both exsiccati."

Abyssinia

Kotschy 382 is type of *Helopus nubicus* Steud.
E. nubica (Steud.) Stapf, but both exsiccata cited by
Stapf sub *Eriochloa acrosticha* Hack.

= *Eriochloa*

Panicum annulum Ashe, Journ. Elisha Mitchell Sci. Soc.

15: 58. 1898.

Maryland to North Carolina and Georgia, Washington,
D.C.

Ward in 1892 [type]

Man. U.S.

Panicum annulum var. *glabrescens* Gleason, Phytologia

4(1): 21. 1952.

Spiculis 2.3 - 2.5 mm. longis, sparsissime puberulis.

Type: Fernald & Long 1604, Harwich, Barnstable Co.,
Mass., in the herbarium of the N. Y. Botanical
Garden.

Locality: The variety *annulum* extends north only to
New Jersey; its spikelets are 1.8 - 2.2 mm
long and densely short-pubescent.

dupl. U. S. Nat. Herb.

= *P. annulum* Ashe-A.C.

Panicum anomalum Walt. Fl. Carol. 72. 1788.

Given among unidentified names in Manual; says here:
"South Carolina. A species of *Setaria*. (See Hitch-
cock, Mo. Bot. Gard. Rept. 16: 35. 1905)"

Unidentified Man. U. S. p. 982

Panicum ansatum Trin. Gram. Icon. 3: 279. 1831.

"Figura ad specimen Brasiliannum."

= *Mesosetum ansatum* (Trin.) Kuhn.

Panicum ansatum var. *linearifolia* S. Moore, Trans. Linn.

Soc. II. Bot. 4: 505. 1895.

"Hab. Inter Santa Cruz et Villa Maria ... (n. 851a.)"
[Matto Grosso]

Brazil

= *Mesosetum ansatum* (Trin.) Kuhn.

Panicum anthaenanthia Kuntze, Rev. Gen. Fl. 3: 361.

1898.

Based on *Anthaenanthia villosa* Beauv.

= *Anthaenanthia villosa* (Michx.) Beauv. Man. U. S.

Panicum antiotale Metz. Ols. bot. 4: 17. 1786.

"Colitur in hortis Malabarorum. Honor. König."
Cult. Man. U. S.

Panicum antillarum Poir. in Lam. Encycl. Suppl.
4: 275. 1816.

"Cette plante croît aux Antilles. (V.s. in herb. Desfont.)" ["Antilles" an error or possibly introduced in slave trade]

= *Pennisetum hordeoides* (Lam.) Steud.

Panicum antipodum Spreng. Syst. Veg. 1: 314. 1825.

Type loc.: "Nov. Holl. (Isachne australis R. Br.)"
"Isachne australis Br. R. et S." cited.

Panicum antipodum var. *atrovirens* (Trin.) Trin. Mém.
Acad. St. Pétersb. VI. Sci. Nat. 1: 328. 1834.

Based on "*Panicum atrovirens* Trin." in Spreng. 1821.
this basis of *Isachne atrovirens* Trin. 1826.

Panicum aparine Steud. Syn. Fl. Glum. 1: 52. 1854.

"Jardin legit in Senegambia, Despreaux in Ins.
Canar."

= *Setaria verticillata* fide Stapf.

Africa

Panicum aphanoneurum Stapf ex Cheval. Sudania 32, 34,
149, 152, 180 (name); Fl. Trop. Afr. 9: 687. 1920.

"Upper Guinea..Chevalier 2272!...2273!...2189 bis!
2190! 24950!
North Central....Chevalier 10511!....8936!....
8956! 9090 bis!"

Panicum apiculatum Salzmann ex Steud. Syn. Fl. Glum.

1: 65. 1854, as syn. sub *P. pilosum* Swartz.

"*P. apiculatum* Salzmann. Guiana. Brasil-----"

= *P. pilosum* Sw. H. & C.

Panicum appendiculatum Hack. Bull. Herb. Boiss.

4: Append. 3: 13. 1896.

"Cross Namaland: ad fluvium Onanis, leg. Belok 630!!"

Africa

= *Setaria appendiculata* (Hack.) Stapf

Panicum Appletonii Stapf, Kew Bull. Misc. Inf. 6: 225.
1907.

§ *Eupanicum*

Appleton

near Obbia, in sand, Italian Somaliland.

= *P. pinifolium* Chiov. fide Stapf

Africa

Panicum appressifolium Swallen, Mem. N.Y. Bot. Gard.

9: 258. 1957.

Type: occasional in savanna, Samwarakna-tipu (Holi-
tipu), alt. 1100 m, Samarang River, Wenamu Trail,
British Guiana, Nov. 10, 1951, Bassett Maguire & D. B.
Fanthawe 32564; U. S. National Herbarium no. 2,078,797

Also collected on Mt. Roraima, on great sandstone
boulders, Philipp Camp, November 7, 1927, G.H.H.
Tate 281. This specimen has been referred to *Panicum*
caranense Mez, a species allied to *P. parvifolium*
Lam.

Panicum appressum Forsk. Fl. Aegypt. Arab. 20. 1775.

Hab.: "Alexandriae & Lohajae."

Panicum appressum Willd. ex Kunth, Enum. Fl. 1: 84. 1833.
Not Forsk. 1775.

Digitaria Rottleri Roem. et Schult. Syst. 2. 471.--
India orientalis." cited.

Panicum appressum (Lam.) Doell in Mart. Fl. Bras.

2: 184. 1877. Not *P. appressum* Forsk 1775.

Based on *Paspalum appressum* Lam. ex Doell.

= *P. geminatum* Forsk. Man. U. S.

Panicum aquariorum Ham. ex Wall. List. n. 8727. 1849,
nom. nud.

India

Panicum aquaticum Poir. in Lam. Encycl. Suppl. 4: 281.
1816.

"a Porto-Ricco; communiqué par M. Ledru. (V.s.)"

Man. W. I.

Panicum aquaticum Muhl. Descr. Gram. 126. 1817.

Not Poir., 1816.

No locality given

= *Sacciolepis striata* Man. U. S.

Panicum aquaticum Bosc ex Spreng. Syst. Veg. 1: 319.

1825. Not Poir. 1816.

"Ins. Bermud."

= *Sacciolepis striata* (L.) Nash

Man. U. S.

Panicum aquaticum Hochst. in A. Rich. Tent. Fl. Abyss.

2: 373. 1851. Not Poir. 1816.

"*Panicum paludosum* Hochst. in pl. Schimp. Abyss.,
sect. III, no. 1786."

"orescit natans in paludibus et stagnis prope Assai,
...in regno Tigre (Quartin Dillon) et in fossis
aquosis prope Ferras-Mai, (Schimper)."

= *P. hygrocharis* Steud. fide Stapf.

Panicum arabicum Nees ex Steud. Nom. Bot. ed. 2.

2: 252. 1841, nom. nud.; ex Steud. Syn. Fl. Glum.

1: 63. 1854.

"in litt. *Panicum* nr. 807 et 963. Hrb. un. it.
aegypt. arab."

= *Panicum desertorum* A. Rich.
(*Paspalidium desertorum* (A. Rich) Stapf)

Panicum araneosum Eigew. Journ. Asiat. Soc. Bengal

21: 180. 1853.

India

Panicum arborescens L. Sp. Pl. ed. 1. 59. 1753.

"In India."

= *P. brevifolium* L. fide Stapf

Panicum arborescens Willd. Ges. Naturf. Freund. Berl.

Mag. 2: 320. 1808; as syn. of *Ludolphia* Willd.

Not L. 1753.

[grown in greenhouse (Berlin) under this name; when
it bloomed it proved not to be *P. arborescens* L. but
the basis of a new genus *Ludolfia*, "nach dem Hrn.
Michael Matthias Ludolf."

1 species L. glaucescens Willd. l.o. source
source unknown.

this = *Bambusa multiplex* (Lour.) Raeusch.
East Indies fide McClure

Panicum arborescens Sieber ex Trin. Gram. Kan. 208.

1826. Not L. 1753, as syn. of "*P. latifolium* L."

"V. spp. Mart. (Sieber herb. s.n. *Pan. arborescentis*)

= *Lasiacis* sp.

Panicum arbusculum Sieber ex Griseb. Fl. Brit. W. Ind.

553. 1864, as syn. of *Isachne rigens* Trin.

[Jamaica]

Panicum arbusculum Mez, Bot. Jahrb. Engler 57: 187.

1921. Not Sieb. 1864, publ. as syn. only.

"Sudwestafrika (coll. ignot.--Herb. Hamburg)."

Panicum Archboldii Hitchc. Brittonia 2: 121. 1936.

"Type, Brass 5923, collected Feb. 14, 1934, along the
shallow margin of a large lagoon, Dogwa, Orinoco river
Western Division, alt. 40 m."

New Guinea

Panicum arctum Swallen, Bull. Torrey Club 75: 87. 1948.

"in shallow bogs, Savanna I, Tafelberg, Surinam,
August 3, 1944, Maguire 24214."

Panicum arcuatum R. Br. Prodr. Fl. Nov. Holl. 189.

1810.

"(T)" = littoral tropical New Holland

Collected on Cook's journey by Banks.

= *Sacciolepis indica* (L.) Chase fide Hughes

Panicum arcuameum Stapf, Fl. Trop. Afr. 9: 704. 1920.

"Mozambique Distr. Transvaal: in sandy places near
Mara, 3300 ft., Schlechter, 4614!"

Panicum Arechavaletae Hicken, Chloris lat. Argent.

30. 1910, without descr.

Cites: "Penningt., Sem. Méd. (1901) 778: San
Fernando."

[Argentina]

Panicum arenarium Brot. Fl. Lusit. 1: 82. 1804.

Cites: "Phytogr. Lusitan. Fasc. 1. n. 4***"

"Hab. in arenosis subhumidis; occurrit in Algarbiis"

Portugal

= *P. repens* L.

["In Brot. Phytogr. Lusit. 1: 15. pl. 6. 1816, is a
description and good plate of *P. repens* L. Here 'Brot
Flor. Lusit.' is cited. According to Cat. Brit. Mus.
& Pritzl, Fasc. 1 with 8 pl. was published in 1801.
A copy preserved in the public library of Lisbon with
Mss of author fide Colmeriro, Bot. Hisp.-Lus"]

Panicum arenarium Marsch. -Bieb. Fl. Taur. Cauc. 1: 52.

1808. Not Brot., 1804.

"Habitat in glareosis ad torrentem Podkumok Caucasii,
prope castellum Georgopolitana: etiam in arenâ
mobili prope Kiew et Charkow."

Russia

Panicum arborescens Lam. Encycl. 4: 749. illus. no.

920. 1798. not L. 1753.

"An *panicum arborescens* Lin? An *panicum turgidum*?
Forsk. fl. Aegypt. p. 18. no. 60.

Cette plante est commune en France & dans presque
toutes les autres parties de l'Europe, dans les
champs, le long des chemins, & dans les terrains
incultes. (V.v.)"

Panicum arenicoloides Ashe, Journ. Elisha Mitchell Soc.
16: 89. 1900.

"Shady sandy woods along the coast of North Carolina.
Type material collected by me near Wilmington, N. C.,
June 6, 1899."—Ashe
Man. U. S.

Panicum arenicolum Ashe, Journ. Elisha Mitchell Soc.
15: 56. 1898.

"Type material collected by the writer at Chapel Hill,
N. C., June 1898."

= *P. aciculare* Desv. Man. U. S.

Panicum argenteum R. Br. Prodr. Fl. Nov. Holl. 190.
1810.

"(T.) Littora Novae Hollandiae intra tropicum."
[Brown, Coll.]

Australia

Panicum argyrograptum Nees, Fl. Afr. Austr. 27. 1841.

"In alveo saxoso fluminis Zwartkopsrivier
(Vitenhage), Ecklon."

= *Digitaria argyrograpta* (Nees) Stapf
S. Africa

Panicum argyrostachyum Steud. Syn. Fl. Glum. 1: 40.
1854.

"*Digitaria* nr. 260. Zollinger hrbr.

Java

= *Digitaria*

Panicum argyrotrichum Anderss. in Peters, Reise Mossamb.
Bot. 548. 1864.

"Standort: Auf feuchtem und trockenem sandigen
Boden, Moorgrund, Marschland, an süßen Gewässern auf
Wiesen. Auf den Querimba-Inseln und dem Festlande
12° S. B.,...auf dem Festlande Cabaceira, bei der
Insel Mossambique 15° S. B." [Peters 1842-48]
from title

Basis *Digitaria argyrotricha* (Anderss.) Chiov.

Panicum argyrotrichum var. *tenne* Anderss. in Peters,
Reise Mossamb. Bot. 548. 1864.

Insel Mossambique

Africa

Digitaria

Panicum aridum Mez, Bot. Jahrb. Engler 34: 139. 1904.

"Somaliland (Hildebrandt n. 148); Socotra (Schwein-
furth n. 509)."

Basis of *Braohiaria arida* (Mez) Stapf

Africa

Panicum aristatum Retz. Obs. Bot. 4: 17. 1786.

"E. China adduxit plur. rever. D. Wennerberg."

Panicum aristatum Basp. Ann. Sci. Nat. I. 5: 299. 1825,
without descr. Not Retz., 1786.

Cites: "(Urochloa Palis.)." There is no *U. aristata*
Beauv.

Panicum aristatum Macfad. Bot. Misc. Hook. 2: 115. 1831.
Not Retz., 1786.

"Jamaica -- Vale of Guanaboa--on the borders of the
ponds"

Basis of *Echinochloa sabulicola* (Macf.) Hitchc.

= *E. cruspavonis* (H.B.K.) Schult

Panicum aristatum Cav. ex Willk. & Lange, Prodr. Fl.
Hisp. 1: 57. 1861. Not Retz. 1786.

Spain

Panicum Aristella Doell, in Mart. Fl. Bras. 2: 221.
1877.

"In provincia Minarum a cl. Widgren lectum (herb.
Holm.)."

Brazil

T

Panicum aristidoides Willd. ex Spreng. Syst. Veg.

1: 302. 1825, as syn. of *Pennisetum hordeiforme*
Spreng.

Panicum aristiferum Peter, Repert. Sp. Nov. Fedde Beih.
40: 179, 181 & Anhang, 32. pl. 22. f. 3. 1930.

"Deutsch-Öst. Afr. West Usambara: Momo → Makuyuni..
(Peter 40689b)"

Africa

aff. *P. crusgalli*

= *Echinochloa*

Panicum aristulatum Steud. Syn. Fl. Glum. 1: 42. 1854.

"Leprieux legit in Senegalia"

Basis of *Digitaria aristulata* (Steud.) Stapf

Africa

Panicum arizonicum Scribn. & Merr. U. S. Dept. Agr. Div.
Agrost. Circ. 32: 2. 1901.

Near Camp Lowell, Santa Cruz Valley, Ariz. Fringle
465.

T.

Man. U. S.

Panicum arizonicum laevigatum Scribn. & Merr. U. S.
Dept. Agr. Div. Agrost. Circ. 32: 3. 1901.

Mescal, Ariz. Griffiths 1810.

= *P. arizonicum* Scribn. & Merr.

Man. U. S.

Panicum arizonicum var. *major* [majus] (Vasey) Scribn. &
Merr. U. S. Dept. Agr. Div. Agrost. Circ. 32: 3. 1901.

Based on *P. fuscum* var. *majus* Vasey

Mexico

= *P. arizonicum* Scribn. & Merr.

Man. U. S.

Panicum arizonicum var. *tenuis* Scribn. & Merr. U. S. Dept.
Agr. Div. Agrost. Circ. 32: 3. 1901.

"Fort Huachuca, Ariz. Wilcox in 1894.

= *P. arizonicum* Scribn. & Merr.

Man. U. S.

Panicum Arnacites Trin. Gram. Icon. 3: pl. 317. 1832.

"Figura ad specimen Brasilianum."

T. Langsdorff.

Panicum Arnottianum Nees in Steud. Syn. Fl. Glum.
1: 59. 1854.

"*P. antidotale* var. Hrbr. Wight. Ind. Or.

"Ceylon Java."

Panicum Arnottianum Nees in Steud. Syn. Fl. Glum.

1: 98. 1854, as syn. of *Pan. euehroum*; not Nees op.
cit 59.

Panicum arrectum Hack. ex Dur. & Schinz, Conspect. Fl. Afr.
5: 741. 1894.

Based on "*P. subquadripum* Nees [Trin. misapplied]
(non Trin.) Fl. Afr. Austr. (1841) p. 29."

"Afr. austr. colonie du Cap"

Panicum arundinaceum Swartz, Prodr. Veg. Ind. Oec. 24.
1788.

= *Isachne arundinacea* (Sw.) Griseb.

"Jamaica."

Panicum arundinariae Trin. ex Steud. Nom. Bot. ed. 2.

2: 253. 1841, nom. nud., "Mex."; Fourn. in Hensl.

Biol. Centr. Amer. Bot. 3: 485. 1885, nom. nud. based
on "Fourn. Mex. Fl. Enum. Gram. p. 25" unpublished;
Fourn. Mex. Fl. 2: 25. 1886.

"*P. arundinariae* Trin. in sched. coll. Schiedeanae."
cited.

"Absque loco (Schiede)"

Valid
(A.S.H. 1: 95, 186. His European notebook)

P. virgultorum Hack. = *P. arundinariae* Trin. ex Fourn.

Panicum arundinifolium Schweinf. Bull. Herb. Boiss.

2: App. 2: 22. 1894.

"(Eupanicum)"

Aeth. Col. Eritrea. Ginda, Seitenthal (1000 m)
[Schweinfurth] 435, coll. 1891.

= *P. deustum* Thunb. fide Stapf

E. Afr.

Panicum arvense Kunth, Rév. Gram. 2: 391. pl. 109. 1831.

"Crescit ubique in arvis Senegaliae."

= *P. ramosum* L. fide Stapf.

Panicum ascendens Willd. ex Spreng. Syst. Veg. 1: 321.
1825, as syn. of "*P. brasiliense* Spreng. Brasil"

P. parvifolium fide H. & C.

Panicum "ascendens H.B.K." Hensl. Biol. Centr. Amer.

Bot. 3: 485. 1885. typ. err. for *adscondens*. H.B.K.

= *Digitaria adscondens* (H.B.K.) Henr.

Panicum ashei Pearson ex Ashe, Journ. Elisha Mitchell
Soc. 15: 35. 1898.

"New York: Ashe; Ithaca, July 1898"

Man. U. S.

Panicum asiaticum Hort. ex Schult. Mant. 2: 598.
1824. in obs.

Panicum asperatum Kunth, Rév. Gram. 1: 39. 1829.

Based on "(*Panicum plicatum* Roxb.)" [1814]

"Sumatra" not Lam. 1791 presumably.

Panicum asperifolium (Desv.) Hitchc. Contr. U. S. Nat.
Herb. 22: 489. 1922.

Based on *Streptostachis asperifolia* Desv.

"America calediore"

Panicum asperum Fisch. ex Jacq. Eclog. Gram. 46.
pl. 31. 1820.

"This name was earlier listed by Fischer, Cat. Hort.
Gorenk. ed. 2. 3. 1812, without description."
(Revision *Panicum*)

"auf den Madrider Garten, erhielt der hiesige Univer-
sitäts-Garten 1814 dieses Gras zuerst durch Samen, aus
dem Garten des Herrn Grafen Alexis Razoumovsky in
Gorenki" [near Moscow]

U.S.S.R.

= *P. miliaceum* L.

Panicum asperum Lam. Fl. Franç. 3: 577. 1778.

"*Panicum vulgare*, spica simplici & aspera. Tournef.
515." cited.

= *Setaria verticillata* (L.) Beauv. fide Stapf

France

Panicum asperum Koen. in Naturforscher 23: 209. 1788.
Not Lam. 1778.

"Auf den Teichen, besonders in den Ciroaren, schwimmt
ein Gras, das eine sehr ausgebreitete Paniculum hat,
deren Pedunculi am Ende niederhangen, wo die Bluthen
naher aneinander stehen: die ganze Panicula hat eine
fahl- oder weisslich grüne Farbe, die Pedunculi sind
alle scharf anzufühlen, die Bluthen sind Folgamisten"

East Indies Siam & Ceylon

Basis of *Pseudoraphis aspera* (Koen.) Pilg.

Panicum asperum Link, Enum. Fl. 1: 75. 1821.

Not Lam. 1778.

"Hab. in Fromont, b. sp. Th. T. Semina misit Bergius"

= *Pennisetum hordeiforme* (Thunb.) Steud. fide Leeke

Panicum asperum Steud. Syn. Fl. Glum. 1: 49. 1854.

Not Lam. 1778 nor Koen. 1788, nor Link 1821.

"Wight (Hbbr. nr. 52A.)"

India

Panicum assamicum Hook.f. Fl. Brit. Ind. 7: 40. 1896.

"Assam, Masters."

"nearest *P. myurus*"

Panicum assumptionis Stapf, Kew Bull. Misc. Inf.

1919: 140. 1919.

"Mascarenes: Assumption Island, on rocky ground,
Dupont, 110."

Panicum astracanicum Hort. ex Steud. Nom. Bot. ed. 2.

2: 253. 1841, as syn. of *Koeleria brachystachya*

Panicum atlanticum Nash, Bull. Torrey Club 24: 346. 1897

"Type specimens collected by the writer on dry
somewhat shaded knolls in the grounds of the New York
Botanical Garden."

[Bronx Park, N.Y. Nash.]

= *P. villosissimum* Nash

Man. U. S.

Panicum atrichum Steud. Nom. Bot. El. 2. 2: 253. 1841,

nom. nud.; Steud. Syn. Fl. Glum. 1: 417. 1855.

"Boivin legit in Ins. Comoro."

Africa

= *Pennisetum* fide Leeke

Panicum atrofusum Hack. Journ. Linn. Soc. Bot. 29: 63.
1891.

"Marshy valley, Lake Itasy (Interior), 1909!"
Madagascar. G.F. Scott Elliott, Coll.

Digitaria atrofusca (Hack.) A. Camus based on this

Panicum atro-purpureum Desv. Opusc. 97. 1831.

"Habitat....."

Panicum atrosanguineum Hochst. ex A. Rich. Tent. Fl.

Abyss. 2: 375. 1851.

"in pl. Schimp. Abyss., sect. III, no. 1709."

"Crescit in locis humidis convallis fluvii Tazaze
prope Tchelatchéranne....(Schimper)."

Abyssinia

Panicum atrovioleaceum A. Rich. Tent. Fl. Abyss. 2: 368.

1851.

"Crescit in Abyssinia (Ant. Petit) sine locali
indicatione."

= *Echinochloa pyramidalis* (Lam.) Hitchc. & Chase

Panicum atrovirens Trin. in Spreng. Neue. Entd. 2: 88.

1821.

"(Aira ischaemoides König in der Sammlung des Herrn
Barons v. Jacquin, aus dem Banksischen Herbarium.)...
Hab. in India orientali."

Panicum attenuatum Willd. Enum. Fl. 1033. 1809.

Note by A.S.H.: "The description applies best to *P.*
miliare L. All but one of the specimens in the
Willd. Herb. are *P. miliare*. The other is *P. repens*
A.S. Hitchc. Bur. Notes 1: 134; 2: 86 (Kept with
his fieldbooks)

Habitat unknown.

"*P. miliare* L. [No! in *P. miliare* type glume 1 is
long (half or more as long as spikelet, and
pointed.) In *attenuatum* glume 1 is short as in
P. dichotomiflorum Michx., plant is annual]" A.C.

Panicum attenuatum Hort. ex Trin. Gram. Pan. 166. 1826,

as syn. of *P. italicum* L. Not Willd., 1809.

Setaria

Panicum aturense H.B.K. Nov. Gen. & Sp. 1: 103. pl. 33.

1815.

"Crescit ad cataractas Aturensis."

[Humboldt & Bonpland]

Venezuela

= *Homolepis aturensis* (H.B.K.) Chase

Panicum aturense Balb. ex Kunth, Enum. Fl. 1: 119.

(Not H.B.K. 1815) 1833, as syn. of *Panicum*

balbisanum Schult.

this = *Panicum zizanioides* H.B.K.

Panicum aturense var. *mexicana* Rupr. Bull. Acad. Sci.

Brux. 9^a: 239. 1842, nom. nud.

= *Homolepis aturensis* (H.B.K.) Chase

Galeotti 5744 Mex. cited by Fourn. sub *P. aturense*
H.B.K.

Panicum aubertii Mez, Bot. Jahrb. Engler 34: 134. 1904.

"Madagascar (Du Petit-Thouars in herb. Berol.)."

Panicum auburne Ashe, N. C. Agr. Exp. Sta. Bull. 175: 115.
1900.

"Auburn, Ala., May 7, 1898. Collected by Professors
F. S. Earle and C. Baker, of the Alabama Biological
Survey, at Auburn, Ala., May 7, 1898. No. 1527."

Man. U. S.

Panicum aulaxanthus Kuntze, Rev. Gen. Fl. 36: 361. 1898.

Based on *Aulaxanthus rufus* Ell.

= *Anthraenantia rufa* (Ell.) Schult

Man. U. S.

South Carolina

Panicum aurantiacum Buch.-Hamilt. ex Wall. Cat. n. 8714.
List.

1849, nom. nud.

India

Panicum aurelianum Hale in Wood, Classbook ed. 3. 787.

1861.

"Damp soils about N. Orleans. (Hale)"

= *P. reptans* L.

Man. U. S.

Panicum aureum (Beauv.) Trin. Mém. Acad. St. Pétersb.

VI. Sci. Nat. 1: 196. 1834.

Based on *Axonopus aureus* Beauv. but "*P[asp.] aureum*"
and "*Digitaria aurea* Sprg." cited instead--both
these trace back to *Axonopus aureus*.

= *Axonopus aureus* (H.B.K.) Beauv.

Panicum aureum (Hochst. ex A. Br.) Nees, Linnaea

16: 218. 1842. Not Trin. 1834.

"*Setaria aurea*" Kew Ind. 1959: 102.

Panicum aureum Muhl. ex Scribn. & Merr. U. S. Dept. Agr.

Div. Agrost. Circ. 27: 4. 1899, as syn. of *P.*

laxiflorum Lam. Not Trin., 1834.

= *P. laxiflorum* Lam.

Man. U. S.

Panicum auricomum Nees in Trin. Gram. Pan. 204. 1826.

"V. sp. Brasil. (N. ab Esenb.)

Panicum auriculatum Willd. in Spreng. Syst. Veg.

1: 322. 1805.

"Amer. austr."

type in Willd. herb. Berlin, spikelets in Nat. Herb.
(A.S.H. 2: 90 - Eur. Notes - Kept with his fieldbooks)

= *Hymenachne auriculata* (Willd.) Chase

Panicum auriculatum var. *fasciculosum* Doell. in Mart.

Fl. Bras. 2^a: 238. 1877.

"prope Rio de Janeiro (Gaudichaud n. 288)."

type of *P. januarium* Mez

= *P. condensatum* Bertol.

Panicum auritum Presl ex Nees, Agrost. Bras. 176. 1829.

"Presl, Herb. Haenk." (also Presl, Rel. Haenk.

1: 305. 1830)

[Nees had specimen from Herb. Haenke (p. 176) I think
both are same species. A.C.]

From Nees:

"Habitat in regno Mexicano? -- et in Luzon insula
(Haenke) v. s."

"Presl does not place this sp. in his section
Hymenachne."--A.C.

Panicum auritum Hassk. Fl. Jav. Bar. 22. 1848.

Not *P. auritum* Presl 1830.

Java

Basis of *Panicum hasskarlii* Steud.

"H 758. Tjikoya

Panicum auritum var. *procerius* Fresl. Rel. Haenk. 305. 1830.

"foliis latioribus longioribusque."

"Sorsogon Luzoniae"

= *P. auritum* Fresl. Philippines

Panicum australe Spreng. Syst. Veg. 1: 309. 1825.
Not Raspail, 1825.

Type loc.: "Nov. Holland. (*P. striatum* R. Br.)"
[1810, not Lam. 1791]

Australia

P. striatum R. Br. 1810. Not Lam. 1791.

Basis of *P. striatulum* Schult. Mant. 252. 1824.

Panicum australe (R. Br.) Raspail. Ann. Sci. Nat. I. 5: 299. 1825. Not Spreng. 1825.

Based on "Isachne" [australis] R. Br.

Australia

Panicum australiense Domin, Journ. Linn. Soc. Bot. 41: 271. pl. 10. f. 7; pl. 11. f. 6-12. 1912.

"N. W. Australia: inter fl. Ashburton et Yule, collegit Dr. E. Clement."

Panicum austro-asiaticum Chwi, Acta Phytotax. & Geobot. 11: 45. 1942, n. nom.

Based on *P. humile* Nees ex Steud. 1854...Not Thunb. 1826. Also cites among others "Hitchc. in Linn. Soc. Journ. 7: 218. 1931, non Thunb. ex Trin."

Ceylon

Panicum austro-caledonicum Balansa, Bull. Soc. Bot. France 19: 326. 1872.

"Prairies, terrains nouvellement défrichés.-Nouméa (Bal. no. 711); Uraei (Vieill. no. 3341)."
Nouvelle-Calédonie
[Australasia]

Panicum austro-montanum Ashe, Journ. Elisha Mitchell Soc. 16: 85. 1900.

"Along mountain streams of Northern Alabama and the adjacent parts of Tennessee."

Ashe Herb.

= *P. curtifolium* Nash Man. U. S.

Panicum autumnale Bosc ex Spreng. Syst. Veg. 1: 320. 1825.

"Patria? (W. herb.)"

Origin unknown
Man. U. S. = *Leptoloma cognatum* (Schult.) Chase

Panicum autumnale Bosc. misappl. by F. Muell. Fragm. Phyt. Austr. 8: 196. 1874. Not Bosc. ex Spreng. 1825.

Referred to *Panicum papposum* var. *leiostachyum* Benth. by Benth. Fl. Austr. 7: 469.

Australia

Panicum autumnale var. *pubiflorum* Vasey ex L. H. Dewey, Contr. U. S. Nat. Herb. 2: 508. 1894.

"Southwest Texas"

= *Leptoloma cognatum* Man. U. S.

Panicum auyanense Swallen, Mem. N.Y. Bot. Gard. 9: 263. 1957.

Type: Auyan-tepuí, alt. 2200 m. Bolívar, Venezuela, Dec. 1937-Jan. 1938, G.H.H. Tate 1288.

[this collection previously referred to *P. curvifolium* Swallen, but in that the spikelets are much smaller (2.2 mm.) the panicles larger with more spreading branches, the culms coarser, and the blades glabrous except just above the ligule area.]

related to *P. loreum* Trin.

Panicum avenaceum H.B.K. Nov. Gen. & Sp. 1: 99. 1815.

"Crescit in regno Quitensi, in valle amoena Chilloendi et planitie Cachapamba, regione subtemperata, alt. 1340 hexap."

Ecuador, Humboldt & Bonpland

= *P. bulbosum* H.B.K. Man. U. S.

A.S.H. Eur. Notes 1: 67. Kept with his fieldbooks.

Panicum axillare Nees, Agrost. Bras. 141. 1829.

"Habitat in editis montium, v. g. Itambé da Villa et Itacolumi etc. provinciae Paranae generalium altitudine 4000 ped."

Brazil

Basis of *Ichnanthus axillaris* (Nees) H. & C.

Man. W. I.

Panicum axipilium Steud. Syn. Fl. Glum. 1: 79. 1854.

Guiana

Type = *P. hirtum* Lam.

Panicum badius Scribn. & Merr. U. S. Dept. Agr. Div. Agrost. Bull. 24: 12. f. 3. 1901.

915 C. L. Smith, Oct. 6, 1894.

Sierra de San Felipe, State of Oaxaca, Mex.

= *Digitaria badia* (S. & M.) Fern.

Panicum Baileyi Benth. Fl. Austral. 7: 471. 1878.

"Queensland. Port Curtis, McGillivray; Brisbane River, Bailey."

Australia

= *Digitaria baileyi* (Benth) Hughes

Panicum Baileyi var. *patens* Domin, Bibl. Bot. 85: 298. 1915.

"Queensland: Sandsteinhügel der Dividing Range bei Jericho (Domin, III. 1910)."

= *Digitaria*

Panicum balanites Trin. Linnaea 10: 297. 1836.

"Colares ad ost. fl. Amaz." (America calidiore, Poeppig.)

T = *P. asperifolium* (Trin.) Hitchc.

Brazil

Panicum Balbisianum Schult. Mant. 2: 254. 1824.

Based on "*Panicum aturense* Herb. Balbis n. 2578."

"In S. Domingo. D. Bertero."

= ? *P. pizomoides* H.B.K. ex descr. H. & C. N. Am. Fan. 325.

Panicum baldwinii Nutt. ex Kearney, U. S. Dept. Agr. Div. Agrost. Bull. 1: 21. 1895, name only; Chapm. Fl. South. U. S. ed. 3. 586. 1897.

Florida, Baldwin.

= *P. chamaelonche* Trin. Man. U. S.

Panicum Balfourii Baker, Fl. Maurit. 438. 1877.

"Rodriguez, Dr. Balfour!" [Mauritius]

Indian Ocean

Panicum bambusaefolium Desv. Opusc. 83. 1831.

"Habitat in Brasillio."

T = *secundum* Trin.

Panicum bambusi-florum Trin. Gram. Pan. 188. 1826.

"V. spp. Brasil. (Langedorff.)"

T = *Ichnanthus*

[1]
Panicum bambusoides Desv. ex Hamilt. Prodr. Fl. Ind. Occ. 10. 1825.

Based on specimen in "Herb. Prof. Desv. Porto Rico."

= *Lasiacis divaricata* H. & C. Man. W. I.

[1]
Panicum bambusoides Speng. ex Arech. Anal. Mus. Nac. Montevideo 1: 128. pl. 9, 10. 1894. Not F. bambusoides Desv. ex Hamilt. 1825.

"Orillas del Rio Negro, cerca de Mercedes"

Uruguay

Panicum bambusculum Stapf, Kew Bull. Misc. Inf. 1919: 267. 1919.

"Madagascar. Without precise locality, Gerrard 75."

Panicum bandunduense Vanderyst, Bull. Agr. Congo Belge 10: 245. 1919.

"région du Bas-Kasaï: Bandundu, 1915 (no. 5808)."
[Vanderyst Coll.]

Congo Africa

Panicum Bansium Buch.-Ham. ex Wall. List N. 8725 A. 1849, nom. nud.

India

Panicum barbatulum Beauv. ex Roem. & Schult. Syst. Veg. 2: 447. 1817. (typ. error for *barbulatum* Michx. in index Beauv. Ess. Agrost. 169. 1812; Steud. Nom. Bot. ed. 2. 2: 253, 255. 1841, typ. error for *P. barbulatum* Michx. U. S.

Panicum barbatum Lam. Tabl. Encycl. 1: 171. 1791.

"Ex Insula Franciae."

Mauritius

= *Setaria barbata* (Lam.) Kunth Man. U. S.

Panicum barbatum Roxb. Hort. Beng. 7. 1814, nom. nud.; Fl. Ind. ed. Carey 1: 285. 1820. Not Lam. 1791.

"---sprung up in ---the Botanic Garden where earth had been thrown that came from Sumatra or Amboyna."

= *Pennisetum barbatum* (Roxb.) Schult.

Panicum barbatum LeConte ex Torr. in Eaton, Man. Bot. Ed. 2. 342. 1818. Not Lam. 1791.

"C" = Columbia college. Plants which grow about New York."

= *P. mattamuskeetense* Ashe Man. U. S.

Panicum barbatum (Willd.) Kunth, Rev. Gram. 1: 33. 1829. Not Lam., 1791.

Based on "*Digitaria barbata* Willd. Enum."

East Indies

Panicum barbifolium Hochst. ex Schlecht. Linnaea 31: 307. 1861-62.

"In silvis pr. Kaity mont. Nilagir."

India

Panicum barbigerum Bertol. Mem. Accad. Sci. Bologna
3: 250. pl. 19. f. 1, 2. 1851.

"Ann. Habui ex Inhambane Africae austro-orientalis
ab Bq. Fornasiniio."

Panicum barbinode Trin. Gram. Icon. 3: pl. 318. 1832.

(also Trin. Mem. Acad. St. Petersburg. VI. Sci. Nat.
1: 256. 1834)

In Icon. 3. pl. 318 the specimen figured is from
Bahia.

= *Panicum purpurascens* Raddi. Man. U. S.

Brazil. S. Amer.

Panicum barbinode Trin. f. pilifera Hack. ex Borm. Re-
pert Sp. Nov. Fedde 10: 381. 1912.

"Palastina: Jaffa, ad fossas (14. IX. 1893, leg.
Bormüller, no. 762: ibidem prope pagum Sarona
(22. V. et 1. VI. 1904, leg. A. Kneucker)."

Panicum barbipedum Hayata, Icon. Fl. Formos. 7: 62.
f. 32. 1918.

"Hab. Taito." Japan

Panicum barbipulvinatum Nash in Rydb. Mem. N. Y. Bot.
Gard. 1: 21. 1900.

Based on *P. capillare* var. *brevifolium* Vasey

= *P. capillare* var. *occidentale* Rydb.

Manhattan, Mont., Shear 436 Man. U. S.

Panicum barbipulvinatum var. *hirsutipes* Suksdorf, Wer-
denia 1: 17. 1927.

Wash.: "Am Nordufer des Spokane Flusses bei Spokane
Bridge, 14. Sept. 1916, nr. 9068." [Suksdorf.]

= *P. capillare* var. *occidentale* Rydb. Man. U. S.

Panicum barbivaginale Hayata, Journ. Coll. Sci. Imp.
Univ. Tokyo 30: 400. 1911.

"Tōyō, leg. T. Kawakami et Y. Shimada, 1907. Oct.
(No. 5681)." Formosa

Panicum barbulatum Michx. Fl. Bor. Amer. 1: 49. 1803.

"Hab. in Caroline." [Carolina spec. = *P. ashei* and
does not agree with description, hence a Canada
specimen in Michx. herb. is taken as type.--
Note by A.C.]

Canada

Man. U. S.

Panicum barbulatum Michx. err. det. Ell. Bot. S. C. &
Ga. 1: 127. 1817.

Basis of *P. subbarbulatum* Scribn. & Merr.

S. Carolina

= *P. nitidum* Lam. Man. U. S.

Panicum bartlettii Swallen, Carnegie Inst. Washington
Publ. 436: 346. 1934.

"Type in the U.S. National Herbarium No. 1,503,674,
collected at Uxactun, Petén, Guatemala, March 23,
1931, by H. H. Bartlett (No. 12245)."

Aff. *Panicum trichanthum* Nees

Panicum bartowense Scribn. & Merr. U. S. Dept. Agr.
Div. Agrost. Circ. 35: 3. 1901.

1220 Robert Combs, Sept. 29, 1898.

Bartow, Polk Co., Fla. Man. U. S.

Panicum basisetum Steud. Syn. Fl. Glum. 1: 52. 1854.

"Jardin legit in Afr. Guinea"

= *Setaria*

Panicum basisetum (Steud.) Franch. Bull. Soc. Hist.

Nat. Autun 8: 353. 1895. Not Steud. 1854.

Based on = *Setaria basisseta* (Steud.) Dur. & Schina

= original *P. basisetum* Steud.

Guinea, Africa

Panicum bataviicum Nees ex Steud. Syn. Fl. Glum. 1: 96.
1854.

"*Isachne javana* Nees. Java "ined. cited as syn.

= *Isachne javana* Nees ex Miquel 1855.

Panicum bathiei A. Camus, Bull. Soc. Bot. France

73: 977. 1926.

"Madagascar: bois Firingalava (Ferrier de la Bathie,
no. 501.)"....

Panicum baumannii Schum. Bot. Jahrb. Engler 24: 331.
1898.

"Togoland: in Grassavannen des Agomegebirges; bei
Misahöhe zerstreut in lockeren Verbänden (Baumann
n. 354)...."

[Africa]

Panicum Beccabunga Rendle, Cat. Afr. Fl. Welw.

2: 179. 1899.

"Huilla.--By cold streams in the heights of Morro de
Monino....No. 2694." [Welwitsch]

Angola, Africa

Panicum bechuanense Bremek & Oberm. Ann. Transvaal
Mus. 16: 403. 1935.

Afr. Central Kalahari: "Kuke Pan, Bechuanaland,
leg. G. van Son" Type in Transvaal Mus. no. 28611.

published as [bechuanensis]

See Stent, Grasses and Pastures of South Africa
280. 1955.

Panicum beckmanniaeforme Mikan ex Trin. in Spreng.
Neue Endt. 2: 83. 1821.

"Hab. in Brasilia"

= *P. geminatum* Forsk. Man. U. S.

Panicum beecheyi Hook. & Arn. Bot. Beechey's Voy. 100.
1832.

[Sandwich Islands].

Panicum bellum Steud. Nom. Bot. Ed. 2. 2: 253. 1841,
nom. nud.; Syn. Fl. Glum. 1: 96. 1854.

Cites "*Isachne pulchella* Roth. Ind. or." Heyne

[Pilger (Fedde Rep. 45: 1. 1938) says type of
Isachne pulchella in Berlin Hb. is *Isachne*]

Panicum bengalense Spreng. Syst. Veg. 1: 311. 1825.

"Bengal. (*P. strictum* Roxb.)"

India

Panicum Benjamini Steud. Syn. Fl. Glum. 1: 96. 1854.

"*Isachne miliacea*. Roth. N. pl. spec. 58. Ind. or."
cited.

India

Panicum Benneri Fernald, Rhodora 46: 2. pl. 807. 1944.

"New Jersey: old field along Delaware River, about
1½ miles east of Raven Rock, Hunterdon County, June
7, 1941, Walter M. Benner, no. 9635, type in Herb.
Gray; isotype in Herb. Phil. Acad."

Man. U. S. ed. 2.

Panicum Bennettense W. V. Brown, Bull. Torrey Club
69: 539. f. 1. 1942.

"North Carolina: Durham County, dry thickets in
savannah at the Bennett Memorial, 5 miles west of
Durham. Type in the Duke University Herbarium
W. V. Brown 2492."

aff. *P. angustifolium* Ell. Man. U. S. ed. 2.

Panicum benthami (Benth.) Steud. Syn. Fl. Glum. 1: 43.
1854.

Based on "*Urochloa paniculata* Benth." in Hook.
Niger. Fl.

Africa

Basis of *Allotriopsis paniculata* (Benth) Stapf.

Panicum benthami Domin, Repert. Sp. Nov. Fedde
10: 59. 1911. Not Steud. 1854.

Queensland: Peak Downs (F. von Mueller)

"*P. trachyrhachi* Benth. affine."

P. Shirleyanum Domin based on this

Panicum Berontholdiae Doell in Mart. Fl. Bras. 2: 150.
1877 in obs., as syn. of *Chaetium bromoides*.

Brazil

= *Chaetium*

Panicum Bergi Arechav. Anal. Mus. Nac. Montevideo
1: 147. 1894. [reprint 1: 127] (one 1 in publ.)

"Campos del Departamento de Montevideo, San José,
Florida. Mercedes, etc." Uruguay.

Panicum Bergi var. *leiophyllum* Hack. & Lindm. Svensk.
Vet. Akad. Handl. 34(6): 10. pl. 4B. 1900.

"Hab. in Brasilia austr. Rio Grande do Sul, Cachoeira
....Exp. I. Regnell, A. 1185." [Lindman Coll.]

Panicum bergi f. *quadriglume* Henr. Mel. Rijks Herb.
Leiden 40: 52. 1921, without descr.

"In den Hügelfeldern von Forongo, 550 m, Jan. 1911
(no. 3006)."

[Bolivia]

Panicum bermudianum Steud. Nom. Bot. Ed. 2. 2: 253.
1841, nom. nud.; Steud. Syn. Fl. Glum. 1: 99. 1854.

"*P. aquaticum* Bosc. not Poir....Ins. Bermud."

= *Sacciolepis*

Panicum Bernoullianum Mez, Bot. Jahrb. Engler, 56(Beibl.
125): 3. 1921.

"Guatemala (Bernoulli n. 543)."

= *P. stagnatile* H. & C.

Panicum Berteronianum (Schult.) Steud. Syn. Fl. Glum.
1: 50. 1854.

Based on *Setaria berteroniana* Schult.

"Domingo"

= *Setaria geniculata* Man. U. S.

Panicum Berteronianum Mez, Bot. Jahrb. Engler 56(Beibl.
125): 5. 1921. Not Steud. 1854.

"*Panicum nemorosum* Sprg. (nec Sw.) Syst. I (1825)
310." cited.

"Haiti (Bertero)."

= *P. venezuelae* Hack. 1901

P. inepitum H. & C. 1915, and *P. berteronianum* 1921
based on same collection!

Panicum Bertolonianum Schult. Mant. 2: 240. 1824.

Based on "*Panicum loliaceum* s. *Oplismenus loliaceus*
Bertol" not Lam.

Brazil

Panicum Bertonii Hack. ex Bertoni, Anal. Cientif.

Paraguay II. No. 2: 149. 1918, without descr.

Paraguay, Brasil y Argentina. N. 4701.
[Bertoni, coll.]

Panicum betafense A. Camus, Bull. Soc. Bot. France

107: 210. 1960.

Type not cited, description in key only, very inade-
quate.

Camus' reference to Stapf's section *Verruculosae* [Fl.
Trop. Afr. 9: 642. (sp. 11-28) 1920.] suggests that
P. betafense and its var. were described or mentioned
under these names by Stapf. They are not Camus' brief
description of *P. betafense* is in the key only and no
specimen is cited.

In paragraph on distribution is cited "environs de
Midongy de l'Ouest, ---Perrier 12,523; ---environs de
Bétafo...Perrier 10,796." [very different in vegetative
characters, but the spikelets are but little distinct,
translated] ["peu"]

Madagascar

Panicum betafense ssp. *midongyense* A. Camus, Bull. Soc.

Bot. France 107: 210. 1960.

"*Isachne hirtissima* A. Camus, Bull. Soc. bot. France
73: 916. 1926."

Madagascar. "Centre (vers l'W.): environs de Midongy
de l'Ouest, roailles dénudées, alt. 900 m. Perrier
10,796."

"Le *P. betafense* et la sous-esp. *midongyense* sont
bien différents par leur caractères végétatifs, mais
les épillets sont peu distincts."

Panicum beyeri Hitchc. & Ekman, U. S. Dept. Agr. Misc.

Publ. 243: 265. f. 225. 1936.

"Type in the U. S. Nat. Herb., no. 1387466, collected
along the edge of the Río Piloto, at 300 m. altitude,
Sierra de Nipe, prov. Oriente, Cuba,"
Sept. 8, 1922 by E. L. Ekman (no. 15045)

Panicum Beyrichii Kunth, Rév. Gram. 2: 231. pl. 27.

1830.

"*Panicum Sellowii* Nees et Etenb. in herb. Beyrich."

"Crescit in nemoribus prope novum Friburgum Brasiliae"

= *P. rugulosum* Trin. H. & C.

Panicum bicknellii Nash, Bull. Torrey Club 24: 193. 1897.

"The type specimens were collected by Mr. Eugene P.
Bicknell***in Bronx Park [N. Y.] on July 21, 1895."

Man. U. S.

Panicum bicknellii var. *bushii* (Nash) Farwell, Papers

Mich. Acad. Sci. 1: 85. 1921.

Based on *Panicum bushii* Nash

Mo. (Bush 413)

= *P. bicknellii* Nash

Man. U. S.

Panicum bicknellii var. *calliphyllum* (Ashe) Gleason,
Phytologia 4(1): 21. 1952.

Based on *Panicum calliphyllum* Ashe, Journ. Elisha
Mitchell Soc. 15: 31. 1898; Fern. Man. 211.

= *P. calliphyllum* Ashe

Panicum bicolor Moench, Meth. Fl. 206. 1794.

"post messem copiose in agris" Eur.

= *Setaria viridis* (L.) Beauv.

Panicum bicolor R. Br. Prodr. Fl. Nov. Holl. 191. 1810.

Not Moench, 1794.

"apud Portum Jackson, inclusis ripis aestuarii
Hunter's River vel Coal River." Coll. R. Brown

P. fulgidum Hughes based on this. Not Stapf 1920;

basis of *P. bicoloratum* S. T. Blake.

Australia

Panicum bicoloratum S. T. Blake, Proc. Roy. Soc. Queensl.

59: 158. 1948.

Panicum bicolor R. Br. Prodr. 191 (1810), non Moench,
Meth. 206 (1794).

Panicum fulgidum Hughes, Kew Bull. 1923, 323 (1923),
non Stapf in Frain, Fl. Trop. Afr. ix, 668 (1920).

Australia

Panicum bicornis (Lam.) Kunth, Rev. Gram. 1: 33. 1829.

Based on "*Paspalum bicornis* Lam."

Panicum bicornis Sieber ex Steud. Syn. Fl. Glum. 1: 41.

1854. Not Kunth 1829.

"Hrbr. Maurit. nr. 42 et? kunth, En. I. 83." Sieber.

(descr. suggests *Digitaria*)

Panicum bicurculum Salzm. ex Steud. Nom. Bot. ed. 2.

2: 253. 1841, nom. nud.

Basis of *Paspalum bicurculum* Salzm.

= *Paspalum strigosum* Doell ex Chase

Brazil

Panicum biocuspdatum A. Camus, Bull. de la Soc. bot.

Fr., 99: 64-65. 1952.

Nord: collines et plateaux calcaires de l'Ankarana, prov.
de Diégo-Suarez, plaine alluviale à la base SW. de
la falaise, alt. 150 m. (Humbert, 18.855).

Madagascar.

Panicum bidentulum Steud. Syn. Fl. Glum. 1: 45. 1854.

"*Orthopogon Junghuhnii*. Nees mpt. Java."

= *Oplismenus*

Panicum bifalcigerum Stapf, Journ. Linn. Soc. Bot.

37: 531. 1906.

"Unyoro, roadsides, Dawa, 826." Uganda

Africa

Panicum bifarium Hack. Oesterr. Bot. Zeitschr. 47: 76.

Nar. 1897.

"Serra da Baliza ad Cachoeiras da Vargem Grande,
5 - I. 1895, Glaziou nr. 22455."

[Brazil]

= *Mesosetum* (§ *Bifaria*) *bifarium* (Hack.) Chase

Panicum bifasciculatum Trin. Gram. Pan. 76. 1826.

"*Panicum fasciculatum* Hort." cited as syn.

"V. oc." [cult.]

basis of *Digitaria bifasciculata* (Trin.) Henr.

Panicum bifidum Bertol. Mem. Acad. Sci. Bologna 2: 598.

pl. 41. f. 2. e-h. 1850.

No locality cited. *Plantae Alabamenses*

Alabama

= *Paspalum bifidum* Man. U. S.

Panicum biflorum Lam. Tabl. Encycl. 1: 174. 1791.

"Ex insula Franciae."

["named *Panicum dubium* Lam. in Encycl. 4."]

[= *P. brevifolium* L.]

Panicum biforme (Willd.) Kunth, Rév. Gram. 1: 33. 1829.

Based on "*Digitaria biformis* Willd. Enum."

"Insula Franciae et Bourboniae"

Panicum biglandulare Scribn. & Smith, U. S. Dept. Agr.

Div. Agrost. Bull. 4: 13. pl. 4. 1897.

Near Finabets, Chiapas, Feb. 8, 1896. ---
No. 3781. E. W. Nelson Type U. S. Nat. Herb.

H. & C. N. Am. Pan.

Mexico

Panicum Billbergianum Beurling, Svensk. Vet. Akad.

Handl. 1854: 113. 1856, as syn. of *P. olyrachne*

Beurling. op. cit. p. 112.

"Portobello no. 241."

Brazil

Panicum bipustulatum Schlecht. Linnaea 26: 135. 1853.

"in fruticetis ad Maiquetia alt. 1000; Novbr. (n. 58)"
[Wagner Coll. Colombia]
[now Venez.]

Panicum bistipulatum Schlecht, ex Steud. Syn. Fl. Glum.

1: 417. 1855, error for *bipustulatum* Schlecht. 1853

Colombia, Wagner 58 [Venez.]

Panicum bisulcatum Thunb. Nov. Act. Soc. Sci. Upsal.

7: 141. 1815.

Japan

Cites: "*Panicum grossarium* Flora Japon. p. 48."

Panicum blakei Swallen, Contr. U. S. Nat. Herb. 29: 422.

1950.

Type in the U. S. National Herbarium, No. 1163068,
collected along trail from Los Amates to Izabal,
Cerro de Las Minas, Department of Izabal, Guatemala,
May 31, 1919, by S. F. Blake, (No. 7817).

Panicum blephariphyllum Trimen, Journ. Bot. Brit. & For.

23: 272. 1885.

"Hab. Ruanwelle, Western Prov., Nov. 1883, Mr. W.
Ferguson."

Ceylon

Panicum blepharophorum Presl, Rel. Haenk. 1: 312. 1830.

"Hab. in Mexico"

= *Homolepis aturensis*

Panicum blepharophorum Mez, Bot. Jahrb. Engler 56(Beibl. 125): 4. 1921. Not Presl, 1830.

"Brasilien, Piahy (Gardner n. 2016)"
T U.S.

Panicum bobarti Lam. Encycl. 4: 748. 1798.

Note by A.C.: "Moris. hist. 3. p. 202. No. 33' (pt. 3. sect. 8, p. 202. No. 33). Not based on Morison's polynomial see Pan. mss. '33. Gramen paniculatum Virginianum locustis minimis.' description seems to point to *P. capillare*, but no pubescence is mentioned & 'minimis locustis, petiolis. fig. 33' cannot be *P. capillare*, but some species of *Panicularia*."

[Virginia, Bobart.]

= *Panicum capillare* L. Man. U. S.

Panicum bogueanum Ashe, Journ. Elisha Mitchell Soc. 16: 85. 1900.

Based on *P. annulum* Ashe

= *P. annulum* Ashe Man. U. S.

Panicum Boivinii Mez, Bot. Jahrb. Engler 57: 189. 1921.

"Comoren (Boivin)" Africa

Panicum Boivinianum (Steud.) Dur. & Schinz, Consp. Fl. Afr. 5: 742. 1894.

Based on *Hymenachne Boivinianum* Steud.

Africa

Panicum bolbodes (Hochst.) Aschers. & Schweinf. Beitr. Fl. Aethiop. 310 [error for 306] 1867.

Based on *Helopus bolbodes* Hochst.

Panicum bolbodes (Hochst.) Chiov. Ann. Ist. Bot. Roma 8: 35. 1903; same comb. Aschers. & Schweinf. 1867.

Based on *Helopus bulbodes* Hochst

[error for bolbodes]

Abyssinia

Panicum boliviense Hack. Repert. Sp. Nov. Fedde 11: 19. 1912.

"Bolivia: Antahuacana, Espirito Santo, in alveo arenoso fluminis, 750 m s. M., 1909, leg. Dr. O. Euchtien no. 2501."

Panicum bongaense Pilger, Bot. Jahrb. Engler 33: 44. 1902.

"Unteres Kongo Gebiet: Bonga (Schlechter n. 12647)." Afr. trop.

Panicum Bonplandianum Steud. Syn. Fl. Glum. 1: 48. 1854.

"Orinoco."

Panicum boreale Nash, Bull. Torrey Club 22: 421. 1895.

"Moist soil, Newfoundland and Ontario to New York, Vermont and Minnesota. This plant was first noted by the writer in 1893 in the Catskill Mts., near Cairo, N. Y." G. V. Nash, Collector

Man. U.S.

Panicum boreale var. *michiganense* Farwell, Rhodora 42: 306. 1940.

"Wayne Co.: Detroit, no. 1425 (Type, in my herbarium) August 25, 1893."

[Michigan, Farwell]

= *P. boreale* Nash

Panicum Borzianum Mattei, Boll. Orto Bot. Palermo 7: 167. 1908.

"Dintorni di Merca" "Somalia italiana" "(Me. no. 10) 6. VII. 1907." "Cannot find name of collector. 'Me. stands for Merca evidently.'--A.C. Fedde, Rep. 9: 318 1911, gives 'Macaluso no. 10'")

aff. Pan. trichopus Hochst.

? *Digitaria* acc. to A.C.

Panicum Boscianum Spreng. Syst. Veg. 1: 317. 1825.
Not Boscii Poir. 1816.

"Patria? (*P. striatum* Bosc. W. herb.)"

type in Willd. herb "looks like *palmaefolium* blades plaited" A.S.H. 2: 94.

spikelets in Nat. herb.

Panicum boscii Poir. in Lam., Encycl. Suppl. 4: 278. 1816.

"Cette plante a été recueillie à la Caroline par M. Bosc. (V. s. in herb. Desfont.)"

Man. U.S.

Panicum boscii var. *molle* (Vasey) Hitchc. & Chase in Robinson, Rhodora 10: 64. 1908.

Based on *P. latifolium* var. *molle* Vasey

type U.S.

Panicum Bossii Tropea, Boll. Orto Bot. Palermo 10: 100. 1911.

"In Goscia apud Giumbo (Benadir) dott. C. Macaluso, 1907." "Somalia Italiana."

annual

aff. *P. coloratum* L. fide Hackel

Panicum Bourgaei Fourn. in Hems. Biol. Centr. Amer. Bot. 3: 486. 1885, nom. nud. based on "Fourn. Mex. Fl. Enum., Gram. p. 25." unpublished; Fourn. Mex. Fl. 2: 25. 1886. "In valle Cordovensis, January (Bourg. n. 1662 part.)"

= *P. polygonatum* Schrad. in H. & C. *Panicum*

Panicum Bovonei Chiov. Ann. di Bot. 13: 42. 1914.

"Catanga, Plateau Bianco....X. 1912 (Bovone n. 89)." [Africa tropica meridionalis]

Prox. *P. lachnanto* Hochst.

Panicum brachiarisaeforme Steud. Syn. Fl. Glum. 1: 54. 1854.

"Afr. occid."

Basis of *Chamaeraphis brachiarisaeformis* Steud.

Panicum brachiatum Poir. in Lam. Encycl. Suppl. 4: 282. 1816.

Pan. paractanoides Trin. = this

"Cette plante croît aux Antilles. (V. s. in herb. Desfont.)"

= *Setaria setosa* (Swartz) Beauv.

Man. W. I.

Panicum brachiatum Bosc. ex Spreng. Syst. Veg. 1: 321. 1825. Not Poir. 1816.

"Ins. Bermud"

= *P. dichotomiflorum* Mx. H. & C. *Panicum*
Man. U.S.

Panicum brachyanthum Steud. Syn. Fl. Glum. 1: 67. 1854.

124 Vinzent [Buck County]

Texas

[Vinzent correct - German] acc. to A.C.

Valid in Manual

Panicum brachyclados Reichenb. ex Trin. Mem. Acad. St. Pétersb. VI. Sci. Nat. 1: 251. 1834, as syn. of *P. frondescens* Meyer

"Rohboh. in Weig. hb. Surin."

= *P. frondescens* Meyer acc. Hitchc. & Chase

Panicum brachyglume Hochst. ex Steud. Syn. Fl. Glum. 1: 95. 1854.

"(Hrbr. Hohnkr. Ind. or. nr. 1283.)"....
Montes Nilagiri"

India

Panicum brachylachnum Steud. Syn. Fl. Glum. 1: 62. 1854

"Leprieur Hrbr."

"Senegalia" Africa

Panicum brachyphyllum Steud. Syn. Fl. Glum. 1: 42. 1854.

"*P. brevifolium* Kunth, Gram. 1: 32. non Lin."

"Mexico"

Digitaria

Panicum brachystachyum Trin. Gram. Pan. 138. 1826.

"V. spp. Brasil. (Langsdorff)"

Panicum brachythyrsum Peter, Abh. Ges. Wiss. Göttingen Math. Phys. Kl. N. F. 13: 45. 1928, in key, in German.

See also: Peter, Repert. Sp. Nov. Fedde Beih. 40: 171, 177 & Anhang, 30. pl. 9. f. 3. 1930.

"Deutsch-Ost Afr.: Useguha: auf Sandboden bei Saadani XI (Peter 14601)"

Panicum brachytrichum Steud. ex Lechl. Berb. Amer. Centr. 52. 1857.

Cites: Lechler 2884. Chile

No description

Panicum brachyurum Hack. ex Schinz. Verh. Bot. Ver. Brand. 30: 142. 1888.

"Standort: Olukonda, Ondonga Stamm (AmboLand)."

Africa

Panicum Bradypus Bory ex Dur. & Schinz, Consp. Fl. Afr. 5: 734. 1894, as syn. of *Zoysia pungens* var. *tenuifolia* Dur. & Schinz.

Panicum brasiliense Spreng. Syst. Veg. 1: 321. 1825.

The type in the Willd. Herb. is labelled "Panicum adscendens Brasil Hoffmannsegg"

"Brasil"

= *P. parvifolium* H. & C.

Panicum Braunii Steud. Syn. Fl. Glum. 1: 93. 1854.

Based on "*Tricholaena fragilis*"

"Braun, Flora 1841 p. 276. Abyssin."

Panicum Braunii Mez, Bot. Jahrb. Engler 56(Beibl. 125): 5. 1921. Not Steud. 1854.

"Bismarck-Archipel, Rabaul (Braun n. 8)."

Panicum brazzae Franch. Bull. Soc. Hist. Nat. Autun 8: 354. 1893.

"Hab. -Congo, dans les prairies à Brazzaville (J. de Brazza et Thollon, n. 391)."

Panicum brazzavillense Franch. Bull. Soc. Hist. Nat. Autun 8: 341. 1893.

"Les environs de Brazzaville (Thollon, n. 876)."

Panicum breve Hitchc. & Chase, Contr. U. S. Nat. Herb. 15: 271. f. 301. 1910.

U. S. National Herbarium no. 558435, ... Jensen, Florida, A. S. Hitchcock (no. 734)."

Panicum brevifolium L. Sp. Pl. 59. 1753.

"Habitat in India"

Panicum brevifolium L. misappl. by Walt. Fl. Carol. 73. 1788. Not L. 1753.

Carolina

Doubtful species H. & C. *Panicum*.

Panicum brevifolium L. misappl. by Roxb. Fl. Ind. 1: 308. 1820. Not L. 1753.

Panicum brevifolium Jahn, Syll. Ratib. 1: 193. 1824. Not L. 1753.

"Patria: Habitat in India."

Panicum brevifolium (Link) Kunth, Rev. Gram 1: 32. 1829. Not L. 1753.

Based on *Digitaria brevifolia* Link

Panicum brevifolium L. misappl. by Trin, Mém. Acad. St. Pétersb. VI. Sci. Nat. 1: 290. 1834. Not L. 1753.

"V. spp. Ind. oco. Bras."

Panicum brevifolium L. misappl. by Bojer, Hort. Maurit. 365. 1837. Not L. 1753

Panicum brevifolium Balb. ex Nees, Fl. Afr. Austr.

40. 1841, as syn. of *Panicum miliare* L. Not L. 1753

Panicum brevifolium var. *Analise* Domin, Bibl. Bot.

85: 312. 1915.

"Queensland: wahrscheinlich Fort Mackay (A. Dietrich no. 2783)."

Australia

Panicum brevifolium var. *heterostachyum* Peter, Report.

Sp. Nov. Fedde Beih. 40: 188, 199 & Anhang, 49. 1930.

Deutsch Ost Afr. Usaramo: Darassalam, am Teich von Mogo.... (Peter 44867)

Panicum brevifolium var. *hirtifolium* (Bidl.) F. Jansen, Reinwardtia 2: 315. 1953.

(*P. hirtifolium* Bidl., Fl. Mal. Pen. 5: 228. 1925) Sumatra, Toba Lake Region, Lörzing 6605.

Panicum brevifolium var. *minutum* (R. Br.) Domin, Bibl. Bot. 85: 312. 1915.

Based on *P. minutum* R. Br.

Australia

Panicum breviglume Domin, Bibl. Bot. 85: 298. 1915.

"Queensland: Dividing Range westlich von Pentland, besonders auf dem mit *Acacia*-Wäldern bedeckten Sandboden (Domin, II. 1910)."

Panicum brevipedicellatum Peter, Report. Sp. Nov. Fedde Beih. 40: 180, 182 & Anhang, 33. pl. 23. f. 1. 1930.

"Deutsch. Ost Afr.--Unyanyembe: bei Malongwe... (Peter 34475)."

German East Africa

Panicum breviradiatum Hochst. Flora 38: 195. 1855.

"(Hb. abyss. Buch. nr. 1513)"

[Schimper Coll. in 1853]

Africa

Panicum brevirosum Swallen, Contr. U. S. Nat. Herb. 29: 419. 1950.

Type in the U. S. National Herbarium, No. 1935038, collected on pine-clad slope along stream, vicinity of Nucapuxlac, Department of Huehuetenango, Guatemala altitude 2,500 meters, July 17, 1942, by Julian A. Steyermark, (No. 48948).

Panicum brevirosum (Doell) Pilger, Notizbl. Bot. Gart. Berlin 11: 242. 1931.

Based on *Ichnanthus brevirosum* Doell

Santarem (Spruce n. 385, *Panicum* n. 20 et 801. & in Para Surinam (Wittschlaegel n. 1148)

Panicum brevisetum Nees ex Steud. Syn. Fl. Glum. 1: 46. 1854. (mpt. sub. *Oplismenus*)

"Cuming in Hrbo. Lindley, Guarea."

Oplismenus

Panicum brevispicatum Rendle, Cat. Afr. Fl. Welw. 24: 168. 1899.

"Pungo Andongo.--Damp meadows near Muta Lucala... No. 2726. Common in sandy low-lying wooded meadows between Condo and Quisonda... No. 2829."

Welwitsch Coll.

Panicum brevispicatum Rendle, Cat. Afr. Fl. Welw. 24: 168. 1899, error for *brevispicatum*

Angola, Africa

Panicum brittoni Nash, Bull. Torrey Club 24: 194. 1897.

"In moist sand in the 'pine barrens' at Forked River, N. J. Collected by Dr. Britton." May 29-June 2, 1896.

= *P. ensifolium* Baldw. Man. U. S.

Panicum brizaeforme Presl, Rel. Haenk. 1: 302. 1830.

"Hab. in Luzonie"

P. paspaloides Pers.

= *Pan. geminatum* Forsk H. & C.

Specimen at Prague is from Acapulco

Panicum brizanthum Hochst. Flora 24 (Intell. 1): 19. 1841, nom. nud.; ex Rich. Tent. Fl. Abyss. 2: 363. 1851.

"in pl. Schimp. Abyss., sect. 1, no. 89."

...."et in declivibus meridionalibus partis mediae et superioris montis Sellauda prope Adoua... (Schimper)."

[briz]

Panicum brizanthum var. *lasiochloa* Chiov. Nuov. Giorn. Bot. Ital. n. ser. 26: 65. 1919.

[briz = briz]

"Catanga, plateaux des Bianos ... (Bovone n. 75) Ditunguru (Lac Moero) ... (Bovone n. 29). [S.E. Congo State, Africa]

Panicum brizanthum var. *latifolium* Oliver, Trans. Linn. Soc. 29: 170. 1875.

"Hab. Unyoro, Nov. 1862 (*Panicum* no. 2, App. Speke's Journ. 652). Also in Abyssinia."

Africa

Panicum brizanthum var. *pandanifolium* Peter, Report. Sp. Nov. Fedde Beih. 40: 171, 178 & Anhang, 31. pl. 19. f. 4. 1930.

"Deutsch-Ost Afr. Ngulu: Fori südöstl. Goweke... Peter 35122."

German East Africa

Panicum brizanthum var. *polystachyum* De Wild. & Th. Dur. Fl. Thonner 3. 1900.

"Flaine, prairie, 400m. Yabosumba près Maobo, 11 septembre 1896.... (Herb. Fr. Thonner n. 78)."

Africa

Panicum brizoides L. Mant. Fl. 2: 184. 1771.

"Gramen panicum multiplici specie, maderaspatanum. Pluk. alm. 174. t. 191. f. 1."

"Habitat in India. Koenig"

India

= *Echinochloa colonum* fide Munro

Panicum brizoides L. misapplied by Retz, Obs. Bot. 3: 8. 1783. Not L. 1771.

India

Panicum brizoides Lam. Tabl. Encycl. 1: 170. 1791. Not L. 1771.

"Ex India."

Species doubtful -- A.S.H.

Panicum brizoides (L.) Jacq. Ecol. Gram. Pt. 2: pl. 2. 1814.

Based on *P. brizoides* L. Mant. = *Echinochloa colorum*
India

Panicum brizoides Salzm. ex Doell in Mart. Fl. Bras.
2: 274. 1877, as syn. of *Isachne ventricosa* Doell.
Brazil

Panicum Brodiaei St. John, Fl. Southeast. Washington &
Adj. Idaho 51. 1937.

"Washington: Mawawai, Snake River, 1898, D. A. Brodiaei
(type in Herb. State College of Washington)."
= *P. occidentale* Scribn. Man. U. S.

Panicum bromoides Lam. Tabl. Encycl. 1: 170. 1791.

"Ex ins. Franciae. Commers."
Reunion, Indian Ocean

Panicum browneanum Wight & Arn. ex Steud. Syn. Fl.
Glum. 1: 34, 98. 1854.

p. 34, as syn. sub "*Milium tomentosum* Rottl. (Act.
Berol. IV. 220)"
p. 98 as valid sp. "*Milium tomentosum* Koenig ex
Herbario Rottler non Willd. in Act. Berol.
67 Ind. Or."
p. 98 "(in Wight hrbo. nr. 50)"...."Ind. or."

Panicum Brownii Roem. & Schult. Syst. Veg. 2: 462. 1817.

Based on "*Panicum villosum* R. Brown."
= *Digitaria brownii* (Roem. & Schult) Hughes
Australia

Panicum brunonianum Wall. & Griff. Journ. Asiat. Soc.
Bengal 5: 574. 1836.

"Hab. In aquis leniter currentibus profundis plagarum
Bheels dictarum prope Goalnagar." [Griffiths
probably coll.]

India, Asia

Basis of *Pseudoraphis brunoniana* Griff.

Panicum Buchingeri Fourn. ex Hemsl. Biol. Centr. Amer.
Bot. 3: 486. 1885, nom. nud.

Based on "Fourn. Mex. Fl. Rhum. Gram. p. 30," un-
published; Fourn. Mex. Fl. 2: 30. 1886. "*Orizaba*
(Thomas in herb. Buchinger)."

? = *Panicum ichnanthoides* Fourn.

Panicum H. & C. p. 488

Panicum Buckleyanum Vasey, Contr. U. S. Nat. Herb.
2: 499. 1894, error for *Paspalum* in Kew Ind.

The citation in Kew. Ind. Suppl. 1 is as above 2: 499.
1894. Probably refers to *Paspalum* Buckleyanum Vasey,
Contr. U. S. Nat. Herb. 2: 499. 1894.

Panicum (Brachiaria) bulawayense Hack. Proc. Rhodesia
Sci. Ass. 7: 69. 1908.

"Habit. simile *P. numidiano* Lam."
"leg Jeffreys, no. 28." T U.S.
"Bulawayo" S. Africa

Panicum bulbodes (Hochst.) Chiov. Ann. Ist. Bot. Roma
8: 35. 1903. See *Panicum bulbodes*

Based on *Helopus bulbodes* Hochst. ex Steud.
[error for o]

"(Hrbr. Abyss. nr. 2021)" Abyssin."

= *Eriochloa bulboides* (Hochst.) Schweinf.

Panicum bulbosum H.B.K. Nov. Gen. & Sp. 1: 99. 1815.

"Crescit in Novae Hispaniae scopulis et frigidis
juxta Santa Rosa, Los Joares et Guanajuato."

Mexico Man. U. S.

Panicum bulbosum var. *avenaceum* (H.B.K.) Beal, Grasses
N. Amer. 2: 132. 1896.

Based on "*P. avenaceum* H.B.K."

Ecuador, Humboldt & Bonpl.

= *P. bulbosum* H.B.K. Man. U. S.

Panicum bulbosum var. *minor* Vasey, U. S. Dept. Agr. Div.
Bot. Bull. [U.S.] 8: 38. 1889.

(Vasey Grasses U. S. 11. 1883, nom. nud.)

"(*P. maximum* var. *bulbosum* Munro)."

"Texas, New Mexico and Arizona."

[Type New Mexico, Rusby in 1880]

Man. U. S.

Panicum bulbosum var. *sciaphilum* (Rupr.) Hitchc. &
Chase, Contr. U. S. Nat. Herb. 15: 83. f. 73. 1910.

"*Panicum sciaphilum* Rupr.; Fourn. Mex. Fl. 2: 19.
1886."

"Sierra de Yavesia (Gal[scott] n. 5759)."

= *P. bulbosum* var. *minus* Vasey
Man. U. S.

Panicum bulbosum subv. *violaceum* Fourn. Mex. Fl. 2: 27.
1886. (Hemsl. did not take this)

"S.--var. *violaceum*

"Chinantla, in pratis (Liebm. n. 441, Mais)"
[error for 451]

Liebm. 441 = 451]

P. bulbosum H.B.K. Man. U. S.

Panicum Buncei F. Muell. ex Benth. Fl. Austral. 7: 487.
1878.

"Queensland, Bokhara Flats, Leichhardt."

Australia

Panicum bunophilum Steud. Syn. Fl. Glum. 1: 76. 1854.

"*P. jumentorum* Salzm. non Pers. Bahia." cited.

T = *Ichnanthus*

Brazil

Panicum burgu Chevalier, Compt. Rend. Assoc. Franç.
1'Avanc. Sci. 29: 642. 1901.

Senegal: environs de Kaédi et de Bakel sur le Sénégal
moyen.

Soudan occidental: Niger Moyen---Tombouctou:....Nil
Blanc (Arnaud 1840 Herb. Mus.); Haut-Oubangui (Dr.
Viancin, 1893, Herb. Mus.); Congo et Ogoué (J. de
Brazza et Thollon)"

= *Echinochloa*

Panicum burgu var. *Francheti* Chevalier, Compt. Rend.
Assoc. Franç. 1'Avanc. Sci. 29: 652. 1901.

Based on "*P. crus-galli* var. *maximum* Franch."

Echinochloa

Brazzaville...(J. de Brazza & Thollon n. 388)

[Fr. Congo. Africa]

Panicum burgu var. *submuticum* (Franch.) Chevalier,
Compt. Rend. Assoc. Franç. 1'Avanc. Sci. 29: 652.
1901.

"*P. crus-galli* var. *submuticum* Franch."

= *Echinochloa*

Loanga (H. Lecomte), Congo belge, Kwamouth (Hens n.
176)

[Africa]

Panicum Burmanni Retz. Obs. Bot. 3: 10. 1783.

Based on "*Panicum hirtellum* [L. misapplied by] Burm."
Basis of *Oplismenus burmanni* (Retz.) Beauv.
Man. W. I.

India

Panicum Burmanni Balb. Misc. Bot. 1: 8. [1804] not L.;
Schleich. ex Steud. Nom. Bot. ed. 2. 2: 253. 1841
as syn. of *Panicum undulatifolius*.

error in Ind. Kew for Balb. Mem. Acad. Sci. Litt.
Turin 12: 324 [1804]

Balbis cites Willd. as author

Fritzel cites Misc. Bot. 1: as publ. in Mem. de
l'Acad. de Turin, vol. 7.

Panicum Burmanni Retz. misappl. by Bieb. to *Echinochloa*
Fl. Taur. Cauc. 1: 51. 1808.

Taur. Caucasus U.S.S.R.

Panicum Burmanni Heyne ex Wall. List n. 8734 A.
1849, nom. nud.

India

Panicum bushii Nash, Bull. Torrey Bot. Club 26: 568.
1899.

"Collected by B. F. Bush, in dry ground, in
McDonald Co., Missouri, July 24, 1893 no. 413."

= *P. bicknellii* Nash Man. U. S.

Panicum busseanum Mez, Bot. Jahrb. Engler 34: 131. 1904.

Nyassaland: Ungoni (Busse n. 850)....

= *Rhynchelytrum nerviglume* (Franch.) Chiov.- fide
Stapf

Afr. trop.

Panicum caaguazuense Henr. Med. Rijks Herb. Leiden
47: 2, with pl. 1922.

"Hab. Paraguay, Caaguazu, in paludosis, 6 mart. 1876
leg. B. Balansa no. 22, in Herb. Lugd. Batav. sub
no. 908-93-504."

Panicum caeruleoens Hack. ex Hitchc. Contr. U. S. Nat.
Herb. 12: 219. 1909.

"Hitchcock 706," "April 3, 1906." U. S.
National Herbarium no. 558380.

"Miami, Florida"

Man. U. S.

Panicum caeruleum Mill. Gard. Dict. ed. 8. no. 5. 1768.

"The fifth sort grows naturally in Peru" (following
page)

= *Pennisetum* ex descr.

Panicum caesioglaucum Nees ex Steud. Syn. Fl. Glum.
1: 75. 1854.

"(mpt. sub *P. caesium*)"

"Java"

Panicum caesium Nees in Hook. & Arn. Bot. Beechey's Voy.
235. 1836:

"Hab. Ad Macao urbem; G. H. Vachell, n. 45."

= *Echinochloa*

Panicum caesium Nees, Journ. Bot. Kew. Misc. 2: 97. 1850
without descr.; ex Trimen.* Handbook Fl. Ceylon, Pt.
5: 151. 1900.
Not *P. caesium* Nees in Hook. & Arn. 1836.
["1850 name is in list of Cuming's Philippine grasses
P. caesium is Cuming 652."]
"*Panicum reticulatum* Thwaites ex Trimen, Cat. Ceyl.
Fl. 105 (non Griseb.)" cited
"borders of paddy fields. Hewessa, Pasdum Korale."
This is type loc. of *P. reticulatum*. Bangal, Malacca,
Nicobar Is., Malaya.
* t. p. says "By Trimen...Cont. by J. D. Hooker."

Panicum caespitium Lam. Tabl. Encycl. 1: 173. 1791.
(See: A.S.H. Bur. Notes 1: 24. With his fieldbooks)
"Ex Amer. merid. communio D. Richard."
= *P. diffusum* Sw.
South Amer.

Panicum caespitosum Swartz, Fl. Ind. Occ. 1: 146. 1797.
"Habitat in pascuis siccioribus Jamaicae"
= *P. reptans* L. Man. U. S.

Panicum caespitosum Spreng. ex Steud. Nom. Bot. Ed. 2.
2: 253. 1841, as syn. of *P. adpersum*. Not Swartz,
1797. Nom. nud.

Panicum cafferorum Retz. Obs. Bot. 2: 7. 1781.
"In Cap. B. spei sub nomine Cafferhorn notum
Africanae originis."
So. Africa
= *Sorghum cafferorum* (Thunb.) Beauv.

Panicum oahocianum Ashe, Journ. Elisha Mitchell Soc.
15: 113. 1899.
Based on "*P. georgianum* Ashe not *P. georgicum*
Spreng. 1825."
Georgia: Darden [Darien] Junction Small in 1895.
= *P. consanguineum* Kunth. Man. U. S.

Panicum cayennense Lam. Tabl. Encycl. 1: 173. 1791.
error for cayennense
French Guiana

Panicum calacanzense Steud. Syn. Fl. Glum. 1: 65.
1854.
"Hrbr. Cuming nr. 498."
Ins. Luzon, Philippines

Panicum calocolum A. Camus, Bull. Soc. Bot. France
94: 39. 1947.
"Madagascar, Nord: Montagne des Français, forêt, sur
le calcaire (Ferrier de la Bèthie, no 16,209)."
Compares with *P. Humbertii* A. Camus
Aff. *P. muscicolum* A. Camus

Panicum californicum Benth. Bot. Voy. Sulph. 55. 1844.
"Bay of Magdalena." Baja California
= *Trichachne californica* (Benth.) Chase
Man. U. S.

Panicum calliphyllosum Ashe, Journ. Elisha Mitchell Soc.
15: 31. 1898.

"Type material collected by the writer at Watkins,
Lake Seneca, N. Y. Aug. 1898." Man. U. S.

Panicum callopus Pilger, Bot. Jahrb. Engler 33: 46.
1902.

"Central-Afrika: Ohasal-Quellengebiet, im Lande der
Bongo (Schweinfurth n. 2151)."

Panicum callosum Hochst. ex A. Rich. Tent. Fl. Abyss.
2: 374. 1851.

"In pl. Schimp. Abyss., sect. III, no. 1713."

"Crescit ad radices montium juxta fluvium Tacazzé
prope Tchelatchéranne... (Schimper)."

Africa

Panicum calocarpum Berhaut, Bull. Soc. Bot. France
Mém. 1953-54: 11. 1954.

Panicum Calumet Brouss. Elench. Hort. Monsp. 42. 1805.
nomen.
cult.?

Panicum calvescens Nees in Trin. Gram. Pan. 193. 1826.
"V. sp. Brasil. (N. ab Esenb.)"
= *Ichnanthus calvescens*

Panicum calvum Stapf in Prain, Fl. Trop. Afr. 9: 723.
1920.
"Mile Land. Uganda: Ruwenzori....Scott Elliot, 7647?
7686! Mt. Elgon, Dummer, 3727! British East Africa:..
Battiscombe 685!"

Panicum cambogiense Balansa, Journ. de Bot. 4: 142. 1890
"Cambodge (Godefroy, 62,257)."
Indo-China
[*P. cruciabile* Chase = this fide Henr.]

Panicum campestre Nees in Trin. Gram. Pan. 197. 1826.
"V. sp. Brasil. (N. ab Esenb.)"
P. rotundum H. & C. = this!

Panicum campestre Nees, Agrost. Bras. 197. 1829.
Not Trin. 1826.
"Habitat in campis prope Taubate et Pandamonhangaba
provinciae S. Pauli."

Panicum camporum Kunth, Rev. Gram. 1: Suppl. IX. 1830
Based on "*Hymenachne campestris* Nees ab Esenb."
S. Pauli et Cutia....prov. S. Pauli Brasil.
= *Sacciolepis*

Panicum campylogrammum Buse in Miquel, Fl. Jungh.
375. 1854.
"Habitat insulae Sumatrae dumeta prope Padang, ubi
praesertim in monte Apenberg legit Jungh."

Panicum campylostachyum Hack. Oesterr. Bot. Zeitschr.
51: 367. Oct. 1901.
(Harplostachys)
"Costarica; in savannis ad Canas Gordas leg. Pittier,
nr. 11012 et 11018 (1897)"
= *Thrasya campylostachya* (Hack.) Chase

Panicum canaliculatum Nees ex Steud. Syn. Fl. Glum.
1: 55. 1854.

"Ind. or"

basis of *Holcolemma canaliculatum* (Nees) Stapf
subgen. *Paspalidium*

Panicum Canarae Steud. Syn. Fl. Glum. 1: 58. 1854.

"*Paspalum costatum*. Hochst. Hrbr. Hohenack. nr. 635.
Provincia Canara Ind. or."
British India

Panicum candicans Nees, Agrost. Bras. 133. 1829.
Two unnamed vars. given. "...Brasilia. (Vidi
in Herb. Trin., in Herb. Reg. bonac. a Hart.)"
= *Ichnanthus candicans*

Panicum candidum Nees ex Trin. Gram. Pan. 176. 1826,
as syn. of *P. paelens* Swartz
= *Ichnanthus*

Panicum canescens Roth ex Roem. & Schult. Syst. Veg.
2: 457. 1817; Roth, Nov. Plant. Sp. Ind. Orient
54. 1821.
"Roth nov. plant. Spec. Ms....In India orientali"
"Benj Heyne."
? = *Panicum ramosum* (L.) Stapf.

Panicum cannaefolia Reichenb. ex Schlecht. Linnaea 26:
139. 1853, nom. seminud.
"Trinitatis insula." among Weigelt Surinam plants.
compared with *oliganthum* Schlecht
Trinidad

Panicum capense Licht. ex Roem. & Schult. Syst. Veg.
2: 457. 1817.
"Hab. in terra Coranarum prope Jan Bloms fontein."
Africa
Basis of *Tricholaena capensis* (Licht.) Nees

Panicum capense (Licht.) Spreng. Syst. Veg. 1: 315.
1825.
"C. B. S. (*P. flexuosum* W. herb.)"
[Cape Good Hope]
[*Panicum capense* Licht. 1817]
but not cited by Spreng
= *Tricholaena capensis* (Licht.) Nees
So. Africa

Panicum capense Mez, Bot. Jahrb. Engler 57: 186. 1921.
Not (Licht.) Roem. & Schult. 1817.
"kapgebiet (Drège n. 4276)"
Africa

Panicum capillaceum Lam. Tabl. Encycl. 1: 173. 1791.
"Amer. Merid."
= *P. trichoides* Sw. H. & C. N. Am. Pan.

"Brasilia, Minas Geraes prope Carannas (Sellow
n. 204)".....

U. S. Hb.

Panicum Careyianum Nees, Agrost. Bras. 118. 1829.

"*Panicum grossarium* Roxb. Fl. Ind. or. ed. Can. et Wall. List 1. p. 300. Schult. Mant. II. p. 235."
"Observ. Panicum colono simile. differt figura caryopseos rugosae."....

India

Panicum caricifolium Scribn. ex Ashe, Journ. Elisha Mitchell Sci. Soc. 15: 57. 1898, as syn. of *P. laxiflorum* Lam. "As distributed by Kearney (Washington, D. C. May 1897)."

= *P. xalapense* H.B.K. H. & C. Man. U. S.

Panicum caricoides Nees in Trin. Gram. Pan. 149. 1826; Agrost. Bras. 108. 1829.

"Brasil (N. at Esenb)"

type in St. Petersburg & Munich; spikelet in U. S. Nat. Herb. (A.S.H. Notebook 1: 141)

Nees cited "Habitat provincia Paraënsi."

Panicum caricoides var. *glabriusculum* Doell in Mart. Fl. Bras. 2^o: 239. 1877.

"...in Campo do Jauari prope Mandos prov. do Alto Amazonas (Spruce *Panicum* n. 39); prope Lagoa Santa provinciae Minas (Darwin)."

Brazil T

Panicum caricoides var. *pilosum* Doell in Mart. Fl. Bras. 2^o: 239. 1877.

"in Guiana gallica a cl. L. Cl. Richard et Leprieur, utraque varietas ibidem a cl. Yelski lecta."

French Guiana

Panicum carinatum Presl, Rel. Haenk. 1: 309. 1830.

"Hab. in Insula Luzonia ad Sorzogon;..."

Panicum carinatum Torr. in Curtis, Bost. Journ. Nat. Hist. 1: 137. 1835. Not Presl 1830.

"M. A. Curtis. Swamps" [Wilmington, N. C.]
= *P. hemitomom* Schult. Man. U. S.

Panicum carinifolium Stapf in Prain, Fl. Trop. Afr. 9: 665. 1920.

"Nile Land. Jur: Ghatta's Great Seriba, Schweinfurth, 2288!"

Africa

Panicum carnosum Salzm. ex Steud. Syn. Fl. Glum. 1: 60. 1854, as syn. sub *P. paspaloides* Pers.

"*P. carnosum* Salzm. Hrbr. Bahia."

= *Pan. geminatum* Forsk.
H. & C. N. Am. Pan. p. 30.

Panicum carolinianum Spreng. Syst. Veg. 1: 310. 1825.

Based on *P. Walteri* Ell.

South Carolina

= *P. hemitomom* Schult. Man. U. S.

Panicum caroniense Lucas, Bol. Soc. Venez. Cien. Nat. 15: 26. f. 18. 1953.

"El espécimen tipo---en el Herbario del Instituto Botánico del Ministerio de Agricultura y Cría,---coleccionado en las inmediaciones de las lagunas de las cercanías de Sta. Elena, Edo. Bolívar, por F. Tamayo No. 3209 el 28 de marzo de 1946."

Venezuela

"grupo Laxa"

Panicum carteri Hosaka, Occas. Papers Bishop Mus. 17: 67. f. 1. 1942.

"Type: Mokolii Islet, off coast of Oahu. Edward Y. Hosaka and Mitsugi Maneki 2611, in Bishop Museum."

Hawaiian Isls.

Panicum cartilagineum Muhl. Descr. Gram. 128. 1817.

A.S.H. (Bartonia 14: 41. 1932) says in regard to the Muhlenberg collection: "There is no folder for this. The description suggests *P. leucothrix* Nash. Given in Manual U. S. under Unidentified Names."

"Habitat in Georgia"

Panicum cartilagineum Nees, Agrost. Bras. 112. 1829. Not Muhl. 1817.

"Hab. Accrae, Africae (Sabine) (Vidi in Herb. cl. Trinil.)"

In Stapf, Fl. Trop. Afr. 9: 558. 1919 referred to *Brachiaria distichophylla* (Trin.) Stapf.

Panicum catangense Chiov. Ann. di Bot. 13: 44. 1914.

"Catanga, plateau Bianos a Katantania. XI. 1912. (Bovone n. 82)."

[Africa tropica meridionalis]

Panicum catumbense Rendle, Cat. Afr. Fl. Welw. 2^o: 175. 1899.

"Huilla.--Pastures with a short overgrowth near Catumba....No. 2689."

[Welwitsch] Angola, Africa

Panicum caucasicum Trin. Gram. Icon. 3: pl. 262. 1831.

"Figura ad specimen a Caucaso orientali."

S.E. Russia, Europe

plate is *Brachiaria eruciformis*

Panicum Cauda-ratti Schumacher, Beskr. Guin. Fl. 79. 1827.

Guinea, Africa. [Thonning and other Danish botanists--from title]

W. Africa

Panicum caudatum Lam. Tabl. Encycl. 1: 171. 1791.

Brazil, Commerson [first cited]

= *Setaria setosa* (Swartz) Beauv. Man. U. S.

Panicum caudatum Thunb. Prodr. Fl. Cap. 19. 1794. Not Lam. 1791.

Hab. Bonae Spei Africae...collegit Carol. Pet. Thunberg.
Cape Good Hope. Africa

In Stapf, Fl. Cap. *P. caudatum* Thunb. Prodr. Cap. 19. 1841 is referred to *Sporobolus indicus* R. Br.!

Panicum caudatum Willd. ex Steud. Nom. Bot. ed. 2. 2: 254. 1841, nom. nud. Not Lam. 1791.

"Willd. hrb. Myurus"

= ?

Panicum caudatum Salzm. ex Doell in Mart. Fl. Bras. 2^o: 233. 1877, as syn. of *P. vilfoide* var. *campestre* Doell. Not Lam. 1791.

= "narrow leaved *Sacciolepis vilfoide* etc." A.S.H. [Herbarium Notes] 1: 18 on specimen of Salzm., Bahia, at Antwerp; 2: 32 "indicum" seen at Halle. 2: 109 Trin. A.S.H. Eur. Notebooks.

= *Sacciolepis*

Panicum caudiculatum Hack. Oesterr. Bot. Zeitschr. 47: 76. Mar. 1897.

"Itiquira ad Fazenda do Cipo, J-II, 1895, Glaziou nr. 22453."

Brazil

Mesosetum caudiculatum (Hack.) Swallen

Panicum caudigerum Trin. ex Steud. Nom. Bot. ed. 2. 2: 254. 1841, nom. nud.

"Trin. mpt."

Panicum caudiglume Hack. Oesterr. Bot. Zeitschr. 51: 428. 1901.

"Java: Anjer Point, leg. Ridley"

[= Kneucker 731]

Panicum caudiglume Stapf in Prain, Fl. Trop. Afr. 9: 727. 1920. Not Hack. 1901!

"Mozambique Distr. Nyasaland: Shire Highlands; Namasi, Cameron, 16!"

Africa

Panicum cayennense Lam. Tabl. Encycl. 1: 173. 1791.

"Cayenna. D. Stoupy

French Guiana
H. & C. N. Am. Pan.

Panicum cayennense var. *campestre* (Nees) Pilger, Bot. Jahrb. Engler 30: 132. 1901.

Based on *P. campestre* Nees, Agrost. Bras. 197. 1829. Not Nees ex Trin. 1826.

[Pilger cites Hermann Meyer 222; 396; 526. Matto-grosso 1899. Chase collections in Matto Grosso agree with Pilger description, but *P. campestre* Nees 1829 is invalidated by *P. campestre* Trin. 1826]

Brazil

Panicum cayennense var. *curtatum* Doell. in Mart. Fl. Bras. 2^o: 220. 1877.

"extra fines in via inter Cayenne et Baduel (Yelski, inter plantas a cl. Hostafinski benigne mecum communicatas)."

T = *cayennense*

French Guiana

Panicum cayennense var. *divaricatum* Doell in Mart. Fl. Bras. 2^o: 220. 1877.

Based on "*Panicum scoparium* Rudge---non Lam.---nec Michaux."

= *P. rudgei* Roem. & Schult.

H. & C. Panicum

Guiana--S. Amer.

Panicum cayennense var. *patulum* Doell, in Mart. Fl. Bras. 2^o: 220. 1877.

Based on *P. Cayennense* Lamarck.

"Cayenna: D. Stoupy French Guiana"

= *P. cayennense* Lam.
H. & C. Panicum

Panicum cayennense var. *quadriglume* Doell in Mart. Fl. Bras. 2^o: 220. 1877.

"...ad Caldas (Regnell III. n. 1406)."

= *P. quadriglume* (Doell) Hitchc.

Brazil.

Panicum cayoense Swallen, Contr. U. S. Nat. Herb.
29: 418. 1950.

Type in the U. S. National Herbarium, No. 1722487, collected on top of limestone hill at San Agustín, Mountain Pine Ridge, El Cayo District, British Honduras, July-August 1936, by C. L. Lundell (No. 6809).

Panicum cenchroides L. Rich. Act. Soc. Hist. Nat.
(Paris) 1: 106. 1792.

"E Cayenna missarum a Domino Le Blond."
[French Guiana]

= *Pennisetum setosum* Man. U. S.

Panicum cenchroides Lam. Tabl. Encycl. 4: 737. 1798.
Not L. Rich. 1792.

"Cette plante est commune sur la côte du Malabar, dans les sables, pendant la saison des pluies."

India

Panicum cenchroides Ell. Bot. S. C. & Ga. 1: 111. 1816.
Not L. Rich. 1792.

"Dr. Baldwin who found it on Jekyll Island, Georgia"
= *Cenchrus myosuroides* H.B.K. Man. U. S.

Panicum ceresia Kuntze, Rev. Gen. Pl. 3: 360. 1898.

Based on "*Ceresia elegans* Pers. 1805, non Pasp. *elegans* Flueg."

typonym of Pasp. *elegans* (Pers) R. & S. *membranaceum* Lam. not Walt.

= *Paspalum ceresia* (Kuntze) Chase

Peru

Panicum cernuum (H.B.K.) Willd. ex Spreng. Syst. Veg.
1: 318. 1825.

Based on *Setaria cernua* H.B.K.

" " " "

Ecuador

Panicum certificandum Steud. Syn. Pl. Glum. 1: 44.
1854.

"Ind. or."

Panicum cervicatum Chase, Journ. Washington Acad. Sci.
32: 164. f. 10. 1942.

"Type in the U. S. National Herbarium, no. 1500814, collected in sandy clay cerrado aberto (campo with low scattered trees), 300-325 m altitude, Tres Lagoas, Matto Grosso, Brazil, February 4, 1930, by Agnes Chase no. 10737."

somewhat resembles *P. olyroides* H.B.K.

T

Panicum chaetium Steud. Nom. Bot. ed. 2. 2: 254. 1841.

Based on "*Chaetium festuoides* Nees"

"ad flumen S. Francisoi, Joazeiro. Prov. Pernambucoe et Bahiensis."

[Brazil. S. Amer.]

Panicum chasetophorum Boem. & Schult. Syst. Veg.
2: 884. 1817.

Based on "*P. setigerum* Beauv." [not Retz 1786.]

Basis of *Cyrtococcum setigerum* (Beauv.) Stapf,

Oware, Africa

Panicum chamaelomche Trin. Gram. Pan. 242. 1826.

"Trattinick, ex coll. Enslini."

N. Amer.

"V. spp. Am. bor. (Trattinick, ex coll. Enslini)"

U. S.

Man. U. S.

Panicum (Chamaeraphis) intermedium Griff. Notul.

3: 29. 1851. pl. 139. f. 217.

"*Pseudoraphis Brunoniana* Gr."

"In aquis currentibus profundis, Bengal, Coalnugr: Sept. 28th, 1835."

India

Panicum chamaeraphis Trin. Mem. Acad. St. Pétersb. VI.

Sci. Nat. 1: 217. 1834.

Based on *Chamaeraphis hordeacea* R. Br.

Type sp. of *Chamaeraphis*

N. Holland [Australia]

Panicum chamaeraphis Nees ex A. Braun, Ind. Sem. Hort.

Berol. App. 20. 1855. Not Trin. 1834.

"Nees mpt. not Trin." [which is *Chamaeraphis hordeacea* R. Br.]--A. Braun, l.c. P. homonymum Steud. Syn. p. 48--" fide C. Muell. p. 947; *P. chamaeraphis* Nees described by C. Muell. Walp Ann. Bot. Syst. 6: 948. 1861-65. "In Nepalia (Boyle nr. 47).

Panicum chamaeraphoides Hack. in Kneuck. Allg. Bot.

Zeitschr. 20: 164. 1914.

"= *Chamaeraphis gracilis* Hack. in Engl. Bot. Jahrb. VI, p. 236 (1885) = *Setaria laxa* Merrill in Philipp. Journ. 1, Suppl. V. p. 366 (1906).

Timor (Ltnt. Zey) Australasia

Panicum chapadense Swallen, Contrib. Science 22: 8.

f. 4. 1958.

Type: Dawson 14602, collected on sandstone outcrop, 7 km. south of Veadeiros, region of the Chapada dos Veadeiros, Goiás, Brazil, April 24, 1956.

Laxa group

T U.S. Nat. Herb.

Panicum chapmani Vasey, Bull. Torrey Club 11: 61. 1884

"Southern Florida, Chapman"

[Specimen labeled '*Panicum tenuiculmum* S. Fl?' in Chapman's writing, and marked '*Panicum* 'Chapmani' Vasey' in Vasey's hand, chosen for type."] A.C.

Man. U. S.

Panicum chartaginense Swartz, Prodr. Veg. Ind. Occ.

22, 1788.

"*America meridionalis chartagena*." Colombia.

= *P. fasciculatum* Sw.

Man. U.S.

H. & C. Trop. N. Am. Panicum 468. 1915.

Panicum Chauvinii Steud. Syn. Pl. Glum. 1: 68. 1854.

"Ex hrbo. Chauvin lectum a Duhaissingio in Guadeloupe"

= *Lasiacis divaricata* (L.) Hitchc. Man. U. S.

Panicum chevalieri Stapf in Cheval. Sudania 10, 106,
124 (name only) 1898-1910.

ex Stapf. Pl. Trop. Afr. 9: 755. 1920. sub *Sacciolepis*

Africa

"Sudania is merely a catalogue of names" Stapf, letter, Nov. 6 1919; dates not given.

Panicum chillagoense Domin, Bibl. Bot. 85: 324. 1915.

"Nord-Queensland: dürre Savannenwälder bei Chillago (Domin, II. 1910)."

Panicum chinense Trin. Mém. Acad. St. Pétersb. VI.

Sci. Nat. 1: 225. 1834.

China

[Asia]

Panicum chionachne Mez, Bot. Jahrb. Engler 57: 185.
1921.

"Nördl. Nyassaland (Stolz n. 1270)."

Africa

Panicum chiriquiense Hitchc. & Chase, Contr. U. S.

Nat. Herb. 17: 527. f. 138. 1915.

"Type in the U. S. National Herbarium no. 725186, collected "in shade along trail, hillside jungle, foothills, vicinity of El Boquete, province of Chiriqui, Panama... October 4, 1911" by A. S. Hitchcock (no. 8313)."

= *P. pantrichum* Hack.

Panicum chlorochloa Schum. Bot. Jahrb. Engler

24: 333. 1898.

"Usambara: am Rande von Gewässern in Bachuferwäldungen, bei Maschawa in 490 m. Höhe über dem Meere (Holst n. 8798...[Afrika])"

Panicum chloroleucum Griseb. Abh. Ges. Wiss. Göttingen

19: 262. 1874.

"Catamarca, in salsis Laguna blanca."

Argentina---Lorentz coll.

Griseb. Symb. Pl. Argent. 307 (Abhandl. Könige Gesellsch. Göttingen Vol. 24) gives "*Mon. vernac. Jaboncillo*" for *P. chloroleucum* Griseb. Hieron. (sub *P. jaboncillo*) gives same nom. vulgar for both *P. chloroleucum* & *P. jaboncillo*

Panicum chlorostachyum Doell in Mart. Fl. Bras.

2: 173. pl. 28 A. 1877.

"Habitat in regionibus fluminis Rio Negro (Spruce n. 885, 1310)."

Brazil

= *Mesosetum chlorostachyum* (Doell) Chase

Panicum chloroticum Nees in Trin. Gram. Pan. 236. 1826.

Given as "N. ab Es! in Mart. Fl. Bras. ined."

Andes Grasses

Panicum chloroticum var. *agreste* Nees in Trin. Gram.

Pan. 236. 1826.

"Brasil. (N. ab Esenb. Langsdorff.)"

= *P. chloroticum* Nees

Panicum chloroticum var. *luxurians* Doell in Mart. Fl.

Bras. 2: 198. 1877.

P. chloroticum var. *pingue* Nees cited. "partis nomine"

T = *chloroticum*

Brazil

Panicum chloroticum var. *pingue* Nees, Agrost. Bras.

164. 1829.

"Habitat in cultis ad Soteropolin, provinciae Bahiensis; in campis prope Almeirim et alibi ad flumen Amazonum, provinciae Paraensis."

Brazil (Bahia and Para)

T = *P. chloroticum*

Panicum chloroticum var. *sylvestre* Nees in Trin. Gram.
Pan. 236. 1826.

Type locality: "Brasil. (N. ab Esenb. Longsdorff.)"

Panicum chnoodes Trin. Gram. Pan. 211. 1826.

"V. spp. Brasil. (Longsdorff.)"

T

Panicum chondrachne Steud. Syn. Fl. Glum. 1: 51. 1854.

"Ex Hrbo. Musei Lugd. Batav. Japonia."

Basis of *Setaria chondrachne* (Steud.) Honda

Panicum Chondrachyrum Trin. ex Steud. Nom. Bot. Ed. 2.
2: 254. 1841.

Cites: "*Chondrachyrum scabrum* Nees in herb. Berol."
[publ. in 1836]

= *Melica*

Panicum chromatostigma Pilger, Bot. Jahrb. Engler
33: 48. 1902.

"Damarland: Otjimbingue (Ilse Fischer n. 75--1897)

[Africa]

Panicum chrysanthum Steud. Nom. Bot. ed. 2. 2: 254.
1841, nom. nud.; Steud. Syn. Fl. Glum. 1: 50. 1854.

Based on "*Setaria aurea* Hochst. hrbr. un. it. 409."

[Abyssinia--Africa]

Panicum chrysites Steud. Syn. Fl. Glum. 1: 38. 1854.

"Leprleur legit in Guiana."

= *Axonopus*

Panicum chrysoblephare (Lag.) Steud. Syn. Fl. Glum.
1: 38. 1854.

Based on *Cabrera chrysoblepharis* Lag.

Panama

= *Axonopus chrysoblepharis*

Panicum chrysochaetum Steud. Syn. Fl. Glum. 1: 50.
1854.

"(ex Hrbo. Lenormand)."

"Ins. Borbon"

= *Setaria*

Panicum chrysodactylon Trin. Mém. Acad. St. Pétersb. VI.
Sci. Nat. 1: 197. 1834.

Cites: "*Paspalum canescens* N. ab Es!"...Note by A.C.
"not *Panicum canescens* Roth, Nov. Sp. Fl. 54. 1821."

"V. spp. Bras."

[South Amer.]

Axonopus aureus group

Panicum chrysopsidifolium Nash in Small, Fl. Southeast.
U. S. 100, 1327. 1903.

"Type, Curtiss, N. Am. Fl., no. D, in Herb. N.Y.B.G.
A.C. says "label reads 'Hammock land, Leon Co.,
Fla.'" T

U. S. Man. U. S.

Panicum chrysostachyum (Schrud.) Trin. Mém. Acad. St.
Pétersb. VI. Sci. Nat. 1: 196. 1834.

Based on *Paspalum chrysostachyum* Schrad.

"*Brasilia. Princeps Sereniss Maxim. Neowidens.*"

[South Amer.]

= *Axonopus*

Panicum chusqueoides Hack. Bull. Herb. Boiss.
3: 377. 1895.

"Natal: Durban (Rehm. 8648)."

[Africa]

Panicum ciliare Retz. Obs. Bot. 4: 16. 1786.

"*Java et China adtulit honor. Wimmerberg.*"

Panicum ciliare Vanderyst, Bull. Agr. Congo Belge
13: 334. 1922. Not Retz 1786.

"cult. Jard. Agrost. de Leveville 1916-19."

Africa

Panicum ciliare Link var. *anachoreticum* Chiov. Ann.
R. Istituto Bot. Roma 7: 1898.

"Habitat--Ogaden nei luoghi parcamente erbosi, 3
dicembre 1892; D. Riva, n. 312. (153) e 307 (132).

Panicum ciliare var. *setigera* Boerl. Ann. Jard. Bot.
Buitenzorg 8: 52. 1890.

"*Dramaga près de Buitenzorg.*"

Java

Panicum ciliatiflorum Wood, Class-book ed. 3. Pt. 2: 786
1861. Not Kunth 1829.

"In pine barrens, S. States."

Cites: "(*Phalaris villosa* Mx. *Aulaxanthus ciliatus*
and *rufa* Ell. P. ignoratum Kth.)"

= *Anthraenantia villosa* Man. U. S.

Panicum ciliatiflorum var. *rufum* Wood, Amer. Bot. &
Flor. Pt. 2. 392. 1871.

[Southern States]

= *Anthraenantia rufa* Man. U. S.

Panicum ciliatifolium Kunth, Rév. Gram. 1: 36. 1829.

Based on *P. ciliatum* Ell.

Presumably South Carolina

= *P. ciliatum* Man. U. S.

Panicum ciliatifolium Desv. Opusc. 88. 1831.

"(*P. ciliatum* ? Ell.)" cited, not based on that
America boreale.

Probably *P. ciliatum* Ell. Man. U. S.

Panicum ciliatissimum Buckl. Prel. Rep. Geol. Agr.
Surv. Tex. App. 4. 1866.

"Northern Texas [Buckley]"

= *Brachiaria ciliatissima* Man. U. S.
(Buckl.) Chase

Panicum ciliatum Thunb. Mus. Nat. Acad. Upsal. 10: 148.
1787. name only. Not Ell. 1816.

Panicum ciliatum Ell. Bot. S. C. & Ga. 1: 126. 1816.

Presumably South Carolina

Man. U. S.

Panicum ciliiferum Nash, Bull. Torrey Club 24: 195.
1897.

"Type collected by the writer in the 'high pine
land' at Eustis, Lake Co., Florida, March 12-31,
1894, no. 147."

= *P. ovale* Ell. Man. U. S.

Panicum cilicinctum Pilger, Bot. Jahrb. Engler
33: 48. 1902.

"Central-Afrika: Ohasal-Quellengebiet; im Lande
der Dür; grosse Seriba-Ghattas (Schweinfurth
n. 2420-1869)."

Panicum ciliosum Nash, Bull. Torrey Club 26: 568. 1899.

"Type collected by S. M. Tracy, at Beloxi, Miss-
issippi, September 1, 1898, no. 4580."

= *P. lanuginosum* Ell. Man. U. S.

Panicum cimicinum (L.) Retz. Obs. Bot. 3: 9. 1783.

Based on "*Milium cimicinum* L. Mant. alt. p. 184."

Malabar (Koenig. 55)

= *Coridochloa cimicina* (L.) Nees

Panicum cinctum Hack. Osterr. Bot. Zeitschr. 51: 429.
1901.

"Madagascar: in paludibus pr. Betsileo
Hildebrandt 1992."

T

Panicum cinerascens Doell in Mart. Fl. Bras. 2^o: 189.
1877.

"Ex campis provinciae Minarum a cl. Lund inter
Paspalum plicatulum communicatum, nec non inter
plantas Guianenses, Cayennae tectas, mihi
transmissum."

Brazil

Panicum cinereo-vestitum Pilger in Von Rosen, Diss.

Ergeb. Schwed. Rhod. - Kongo Exped. 1: 201. pl. 14.
f. 2. 1915.

"Nordost-Rhodesia: Bangweolo bei Kamindas, in 1-2 dm
tiefem Wasser an sandigem Ufer [5-Okt.-n. 897]."

Africa

[Eric Graf von Rosen Collector]

Panicum cinereo-viride Mez, Bot. Jahrb. Engler 57: 190.
1921.

"*Adamaia* (Ledermann n. 4246)"

Africa

Kamerun Africa

Panicum cinereum Hillebr. Fl. Hawaiian Islands 500.
1888.

"Maui! Haleakala (Prof. Alexander)"

Hawaii Isls.

Panicum cirrhosum (Fourn.) Scribn. & Merr. U. S. Dept.
Agr. Div. Agrost. Bull. 21: 40. 1900.

Based on *Setaria cirrhosum* Fourn.
Liebman 387 Mexico
= *Ixophorus unisetus*

Panicum clandestinum L. Sp. Pl. 58. 1753.

"Habitat in Jamaica [error] Pennsylvania, Kalm."
Pennsylvania

Man. U. S.

Panicum clandestinum Wall. List n. 8680. 1849.

error in Ind. Kew 2: 411. 1894.

Burma

Not listed in Wallich List pp. 293-295.
no. 8680 is "*Panicum foliolosum* Wall. Ind. burma
n. 604."

Panicum clandestinum var. *pedunculatum* (Torr.) Torr.

Fl. N. Y. 2: 426. 1843.

Based on *P. pedunculatum* Torr.

On the island of New York

= *P. clandestinum* Man. U. S.

Panicum clavipilum Chiov. Ann. di Bot. 13: 43. 1914.

"Catanga, Kayoyo....20. XII. 1911. (Bovone n. 71)."
[Africa tropica meridionalis]

Panicum clavulisetum Chiov. Agr. Colon. [Italy] 20:
106. 1926, as syn. of *Brachyaria clavuliseti* Chiov.

Panicum clementii Domin, Journ. Linn. Soc. Bot.

41: 272. 1912.

"N. W. Australia: inter fl. Ashburton et Yule,
collegit Dr. E. Clement."

Panicum olivale Ridley, Journ. Asiat. Soc. Straits

Branch 45: 242. 1906.

"Very local on the dry earth above Tom's Ladder in
Flying Fish Cove not previously collected."

[Christmas Island]

[Polynesia]

Panicum olivum Sohns, Journ. Washington Acad. Sci.

46: 376. figs. 1-8. 1956.

Type in the U.S. National herbarium, no. 2041588, ---
ravine slopes above Tepic, 3.5 miles from Zasuatl-
pan on road to Tanguistengo, Hidalgo, Mexico, alt.
2,100 meters, March 20, 1947, by H. E. Moore, Jr.
(no. 2371).
Additional specimens: Hidalgo: Palo Hueco, Moore 2694.
Mexico: Cañado de Nanchititla, Matuda 30818. Mexico.

subgen. *Dichanthelium*

Panicum olutei Nash, Bull. Torrey Club 26: 569. 1899.

"Pine barrens of southern New Jersey. Collected by
Mr. W. N. Clute...on a trip from Tuckerton to
Atsion, July 3-6, 1899."

Man. U. S.

Panicum coarctatum Stev. ex Trin. Gram. Kan. 137.

1826, as syn. of *P. Crus-galli* L.)

Pers. bor.

Basis of
Echinochloa coarctata (Stev.) Koss. 1941.

Panicum coccospermum Steud. Syn. Fl. Glum.

1: 62. 1854.

"Hrbr. Royle nr. 44....Royle Hrbr. nr. 43."

"Ind. or"

= *Brachiaria coccosperma* (Steud.) Stapf

Panicum coenicolum P. Muell. Trans. & Proc. Vict.

Inst. 1: 45. 1855.

"In places subject to inundations; towards Morunde,
and near Cudnaka."

[Australia]

No collector cited

Basis of:
Digitaria coenicola (P. Muell.) Hughes

Panicum coenosum Doell in Mart. Fl. Bras. 2: 191.

1877.

"Habitat in palustribus prope Manaós prov. do Alto
Amazonas (Spruce n. 1235, "*Panicum* n. 38")."

Brazil

Panicum coeruleum Mill. Gard. Diet. ed. 8. n. 5. 1768.

"Prod. Leyd. 54."

"C[aspar] B[auhinus's] P[inax] 7."

= *Pennisetum*

Panicum cognatissimum Steud. Syn. Fl. Glum. 1: 69.

1854.

"Leprieur legit in "Senegambia" Africa

= *Brachiaria ramosa* fide Stapf, Fl. Afr.

Panicum cognatum Schult. Mant. 2: 235. 1824.

Based on *P. divergens* Muhl.

South Carolina

= *Leptoloma cognatum* Man. U. S.

Panicum collare Schum. in Schum. & Thonn. Beskr.

Guin. Fl. 80. 1827.

Guinea, Africa [Thonning and other Danish botanists--
from title]

Panicum Collieri Endl. Ann. Wien Mus. Naturgesch.

1: 157. 1836, without descr.

Based on "*P. affine* Hook. & Arn. ad Beech. p. 100,
non Poir. nec Nees"

"Insulae Sandwichenses (Lay et Coll.)."

Panicum collinum Balansa, Bull. Soc. Bot. France

19: 323. 1872.

"Collines incoltes,--Dumbéa (Bal. no 3078); De-
planche (sine loco) no. 244." Nouvelle-Calédonie

Digitaria montana Henr.--based on this 1930.

"collina Henr. based on this 1934.

[*collina* Salisb. 1796 is name only, as syn. of
Andropogon ischaemum L.]

Panicum colonum L. Syst. Nat. Ed. 10. 2: 870. 1759.

[Jamaica. Browne]

= *Echinochloa colonum* (L.) Link Man. U. S.

Panicum colonum var. *angustatum* Peter, Repert. Sp.

Nov. Fedde Beih. 40: 179, 182 & Anhang, 33. 1930.

Deutsch Ost Afr.: Uvinsa: Ostl. Malagarassi...
Peter 35953

Echinochloa

Panicum colonum var. *atroviolaceum* Hack. in Schinz.

Vierteljahrs. Nat. Ges. Zürich 56: 71. 1911.

"Amboland: zwischen Ondonga und Ukuanyama,
Bautanen 741."

Echinochloa

[Africa]

Panicum colonum var. *Bussei* Pilger ex Peter, Repert.

Sp. Nov. Fedde Beih. 40: 179, 181. 1930.

"DO Afr." now Tanganyika

Type not designated, several collections cited, but
none by Busse.

Ost Afrika

= *Echinochloa*

Panicum colonum var. *equitans* (Hochst.) Hack. ex Dur.

& Schinz. Consp. Fl. Afr. 5: 743. 1894.

Based on *P. equitans* Hochst. [Schimper 1608 type]
in Types

= *Echinochloa colonum* in Stapf.

Abyssinia, Walcha Plain, Africa

Panicum colonum var. *glaucom* Sickenb. Mem. Inst.

Egypt 4: 300. 1901.

"M. Rosette; N. Choubrah." Egypt.

M. = Région Méditerranéenne

N. = " nilotique [Nile]

= *Echinochloa*

Panicum colonum var. *haematodes* (Presl) Richt. Fl.

Eur. 1: 26. 1820.

Based on *P. haematodes* Presl

Sicily

= *Echinochloa*

Panicum colonum var. *humile* Nees, Nov. Act. Acad.

Caes. Leop. Carol. 19: Suppl. 1: 7. 1841; 139. 1843

"Ad Limam Peruviae, Maio"

Peru, S. Amer.

= *Echinochloa colonum* (L.) Link.

Andes Grasses

Panicum colonum var. *leianthum* Boiss. Fl. Orient.

5: 436. 1884.

"*P. arabicum* Nees in Steud. Gram. p. 63."

"Hab. in Egypto prope Alexandriam (Duparq!), in
Egypto superiore (Boiss!)" cited.

[Africa]

Panicum colonum var. *pseudocolonum* (Roth) Nees, Nov.

Act. Acad. Caes. Leop. Carol. 19: Suppl. 1: 40.

1841; 172. 1843, without descr.

Based on *Panicum pseudocolonum* Roth ex R. & S. 1817.

Ind. Or.

Panicum colonum var. *repens* Sickenb. Mem. Inst.

Egypt 4: 300. 1901.

"M' Damiette; N. Choubrah Egypt.

"M" = Région méditerranéenne,
"N" = " nilotique [Nile]

Panicum colonum var. *zonale* (Guss.) L. H. Dewey, Contr.
U. S. Nat. Herb. 2: 502. 1894.

Based on *P. zonale* Guss.

Man. U. S.
[Sicily. Italy]

Panicum coloratum L. Mant. Fl. 1: 30. 1767.

"Habitat Cairi. Forskohl."
[Forskahl?]

Egypt. Africa

Panicum coloratum Walt. Fl. Carol 73. 1788.

Not L. 1767.

Carolina

= *P. virgatum* L. Man. U. S.

Panicum coloratum Cav. Icon. Fl. 2: pl. 110. 1793.

Not L. 1767.

Panicum coloratum Thou. ex Spreng. Syst. Veg. 1: 317.
1825, as syn. of *P. madagascarense* Spreng.

Not L. 1767.

Madagascar

Panicum coloratum L. misappl. by Kunth, Enum. Fl.
1: 104. 1833.

Note by A.S.H.: "Given by Kew Ind. as Kunth but
Kunth gives L. Mant. as author."

(In Manual P. Kunthii Fourn. syn. sub *P. virgatum* L.
is said to be based on above)

Man. U. S.

Panicum coloratum [L. misappl. by] P. Muell. Fragm.
8: 192. 1874. Not L. 1767.

Australia

Panicum coloratum var. *capense* Nees, Fl. Afr. Austr.
1: 38. 1841.

"Ad Waterfall prope Tulbagh alt. II-V, (Worcester)...
[first cited]

S. Africa

Panicum coloratum var. *cuazense* Rendle, Cat. Afr.
Fl. Welw. 2: 178. 1899.

"Pungo Andongo.--In rather damp, sandy places at the
great cataract of the river Cuanza near Condo;....
No. 2893. Coll. Carp. 1083."

Angola Africa

Panicum coloratum var. *glaucescens* Nees, Fl. Afr.
Austr. 1: 38. 1841.

"ad Limoenfontein alt. 3000-4000', ad Wonderhuivel
alt. 4500-5000' et in ripa Key fluvii, (Drège)."

Africa

Panicum coloratum var. *makarikariensis* Goossens, Kew
Bull. Misc. Inf. 1934: 195. 1934.

"Bechuanaland: Makarikari pan, on the Nati River,
Pentz in Nat. Herb. Pretoria 8416; Phillips &
Goossens in Nat. Herb. Pretoria 8787."

Panicum coloratum var. *minus* Stapf in Chiov. Result.
Scient. Miss. Stefanini-Paoli 1. Bot. Coll. 183,
226. 1916; Fl. Trop. Afr. 9: 715. 1920.

Africa "Italian Somaliland:--Paoli 1270"
presumably.

Panicum coloratum var. *strictum* Rendle, Cat. Afr. Fl.
Welw. 2: 178. 1899.

"Huilla---Rather damp clayey wooded meadows near
Catumba...[Welewitsch no. 2688.]"

Angola, Africa

Panicum columbianum Scribn. U. S. Dept. Agr. Div.
Agrost. Bull. 7: 78. f. 60. 1897.

"Type fixed by specimen illustrated in f. 60. which
is Scribn. Brookland, D.C. July 14, 1894."

Man. U. S.

Panicum columbianum var. *oricola* (Hitchc. & Chase)
Fernald, Rhodora 36: 79. 1934.

Based on *P. oricola* Hitchc. & Chase

= " " " " "

Type Lewes, Del. Hitchcock 47 in Nat. Herb.

Panicum columbianum var. *thinium* Hitchc. & Chase,
Rhodora 10: 64. 1908.

Based on *P. unciphyllum* var. *thinium* H. & C.
type Man. U. S.

Toms River, N. J. (Chase 3577)

(*Anthraenantia*)
Panicum columbiense Kuntze, Rev. Gen. Pl. 3: 360.
1898.

"Medellin, Columbia Americae meridionalis von
Andreas Posada Araujo gesammelt (Mus. bot. berol.)
Paspalum columbiense O.K. olim.

Panicum comatum Hochst. ex A. Rich. Tent. Fl. Abyss.
2: 376. 1851.

"in pl. Schimp. Abyss., sect. II, no. 1196."

"Crescit in pratis circa Koualeta in provincia
Chire (Quartin Dillon) et in rupibus prope Guendepta
....(Schimper)."

Africa

Panicum combsii Scribn. & Ball, U. S. Dept. Agr. Div.
Agrost. Bull. 24: 42. f. 16. 1901.

Chipley, Florida, Combs 583.

Man. U. S.

Panicum commelinaefolium Rudge, Fl. Guian. 21. pl. 28.
1805.

No loc. cited. [British Guiana]

P. nervosum Lam. in Hitchcock, Brit. Guiana

Panicum commelinaefolium [Rudge, misapplied by] Kunth,
Enum. Fl. 1: 114. 1833.

"Nees in Mant. Bras. 2. 211. = ?

Panicum commelinaefolium Ashe, Journ. Elisha Mitchell
Soc. 15: 29. 1898. Not Rudge 1805, nor
Kunth 1833.

Dr. John K. Small, near Stone Mt. Ga. Aug. 1-6, 1895

= *P. commutatum* Schult.
Man. U. S.

Panicum commixtum Steud. Syn. Fl. Glum. 1: 59. 1854.

"Port Jack. N[ew] Holl[and]" R. Brown
[Australia]

Panicum commonsianum Ashe, Journ. Elisha Mitchell Soc.
15: 55. 1898.

"Based on No. 341, Commons. Collected in drifting
sands along the coast, Cape May, N. J., June 1898."
341 A. Commons, June, 1898.

Cape May, N. J. Man. U. S.

Panicum commonsianum ssp. *addisonii* (Nash) Stone, Ann.
Rep. N. J. Mus. 1910: 205. 1911.

Based on *P. addisonii* Nash.

Wildwood, N. J. Bicknell in 1897

= *P. addisonii* Nash Man. U. S.

Panicum Commonsianum var. *addisonii* (Nash) [incorrectly
attributed to W. Stone by] Fernald, Rhodora
37: 391. 1935.

[made subsp. by Stone 1911]

Based on *P. Addisonii* Nash

= " " " " Man. U. S.

Panicum commonsianum var. *addisonii* (Nash) Pohl, Amer.
Midl. Nat. 38: 582. 1947. Same, ssp., Stone 1911;
same, var., Fernald 1935.

Based on *P. addisonii* Nash

= " " " " Man. U. S.

Panicum commonsianum var. *euchlamydeum* (Shinners) Pohl,
Amer. Midl. Nat. 38: 507. fig. 1. 1947.

Based on *P. euchlamydeum* Shinners

Shinners & Shaw 4415. Wis.

= *Panicum pseudopubescent* Nash Man. U. S.

Panicum commutatum Schult. Mant. 2: 242. 1824.

Based on "*P. nervosum* Muhlenb."

Carolina and Georgia
Man. U. S.

Panicum commutatum (Schult.) Nees, Linnaea 7: 274. 1832.
Not Schult. 1824.

Based on "*Digitaria commutata* Schult."

= " " " "

India

Panicum commutatum var. *argyrograptum* (Nees) Hack. ex
Dur. & Schinz, Consp. Fl. Afr. 5: 743. 1894.

Based on *P. argyrograptum* Nees

So. Africa

"fluminis Zwartkopsrivier (Uitenhage) Boklön"

Panicum commutatum var. *Ashei* (Pearson) Fernald,
Rhodora 36: 83. 1934.

Based on *P. Ashei* Pearson

= " " " " Man. U. S.

New York: Ashe; Ithaca, July 1898.

"Herb. Trin. " as syn. under *P. gongyloides* Jacq."
"confusum Trin. in Nees junceorum."
 - *P. bulbosum* H.B.K. H. & C. Panicum

Panicum confusum C. Cordem. Fl. Ile. Réunion 118.
1895. Not Trin. 1829.

"Rues de Saint-Denis."
Réunion Isl. Indian Ocean

Panicum conglomeratum L. Mant. Fl. 2: 324. 1771,
seems to be based on *Aira indica* and published (if
publication was intended) as a synonym; Willd. Sp.
Fl. 1: 341. 1797 (sp. dub.)
Willd. (see above) uses *P. conglomeratum* L. and gives
P. indicum and *Aira indica* as synonyms.
Published as new in Spreng. Syst. Veg. 1: 308. 1825
"Ind. Or." "*Aira indica*" cited.

India

Sacciolepis

Panicum conglomeratum L. misappl. by Bojer, Hort.
Maurit. 364. 1837. Not L. nor Willd.

Mauritius Indian Ocean

Panicum congoense Franch. Bull. Soc. Hist. Nat. Autun.
8: 342. 1893.

"Hab.---Gabon (Griffon du Bellay) Congo, C. dans
toutes les prairies à N'Goré (Dykowski, n. 85)...."

French Congo Africa

Panicum conjugatum Roxb. Hort. Beng. 82. 1814, nom.
nud.; Fl. Ind. 1: 291. 1820.

"native of Coromandel."
[India]

Panicum conjungens Skottsb. Acta Hort. Gothob. 15: 298.
f. 106, 125-135. 1944.

"Kauai: Alakai, bog along trail from Lehua Makanoe
toward Kilohana fl. 13/8 (2886, O. Selling. 1938
collection.

Hawaiian Isls.

Panicum connivens Trin. Mém. Acad. St. Pétersb. VI.
Sci. Nat. 1: 206. 1834.

"V. spp. Bras," Martius
= *Digitaria connivens* (Trin.) Henr.
S. Amer.

Panicum consanguineum Kunth, Rév. Gram. 1: 36. 1829.

Based on *P. villosum* Ell. Not Lam.

S. Car. and Ga. Man. U. S.

Panicum constrictum Domin, Bibl. Bot. 85: 302. 1915.

"Queensland: Savannenwälder bei Pentland (Domin, II.
1910)."

Panicum contractum Moon, Cat. 8. 1824, nom. semi-nud.

"close panicle" is only description.
Colombo. Ceylon

Panicum contractum Wight & Arn. Linnaea 10: Litt. 117.
1836.

"Hab. in Penins. Ind. ord. Seminiferum exemplum
e China retulit ol. Meyen."

Panicum contractum Trin. ex Steud. Nom. Bot. ed. 2.
2: 254. 1841. "mpt. Guadal. Domingo" nom. nud.

type Berlin. = *P. condensum* Nash Man. U. S.

Panicum contractum Mez; Notizbl. Bot. Gart. Berlin
7: 72. 1917. Not Wight & Arn. 1836.

"Brasilia, in montis As Furnas locis humidis
(Riedel n. 299)."

Riedel 299 is type of *Panicum cyanescens* var.
contractum Doell.

Panicum controversum Steud. Syn. Fl. Glum. 1: 60. 1854.

"P. hochstetterianum Rich. Fl. Abyss. II. 369.

[Hochst. in pl. Schimp. Abyss. sect. 1 no. 61,
"Aica" (Schimper)]

= *P. helopus* Trin.

[in *Urochloa* in Stapf Trop. Afr.]

Abyssinia

Panicum convallium F. Muell. Trans. & Proc. Vict. Inst.
(Melbourne) 1854/1855: 46. 1855.

"On the banks of the Torrens and Gawler River, on
the Murray River and along the Flinders Ranges."

[probably Mueller]

Australia

Panicum convolutum Beauv. ex Spreng. Syst. Veg. 1: 319.
1825. "Guinea (Willd. herb.)"

= *repens*!

A.S.H. Eur. notes 1: 134.

Panicum cooperi C. E. Hubb. Kew Bull. Misc. Inf.
1928: 147. 1928.

"Tropical Africa. Abyssinia: Addis Alam, Sept.
1926, Cooper."

Panicum cordatum Buse in Miquel, Fl. Jungh. 376. 1854.

"Habitat insulam Javae prope Pesawahan...Jungh."

Panicum cordatum Doell in Mart. Fl. Bras. 2: 239.
1880. Not Buse 1854.

"Habitat ad Quinta prope Rio de Janeiro (Glaziou
n. 4326, 6960, 10159)."

Brazil

= *Hymenochloa donacifolia*

Panicum cordatum var. *pubescens* Buse in De Vriese, Fl.
Ind. Bat. Or. 111. 1857.

"Hab. Javam. Jam Kleinhoff legit. Hb. Bwdt."

Panicum cordifolium Desv. Opusc. 88. 1831.
[90]

"Habit in America boreali."

Doubtful species---*Panicum* H.B.C.

Panicum cordifolium Steud. Syn. Fl. Glum. 1: 85. 1854.
Not Desv. 1831.

"In Paraguay legit beat. Hengger."

= *P. rostellatum*

Panicum cordovense Fourn. ex Hemsl. Biol. Centr. Amer.
Bot. 3: 487. 1885, nom. nud.

Based on "Fourn. Mex. Fl. Enum., Grass. p. 26," un-
published; Fourn. Mex. Fl. 2: 26. 1886. "*Cordova*
(Schaffner. n. 29) in herb. Franq.)"

T. N. Am. Trop. H. & C. *Panicum*

Panicum corrugatum Ell. Bot. S.C. & Ga. 1: 113. 1816.

"Sent to me from Savannah by Dr. Baldwin."

Ga.

= *Setaria corrugata* (Ell.) Schult. Man. U. S.

Panicum corvi Thunb. Fl. Japon. 46. 1784.

Based on "*Panicum orus corvi* Linn." ed. 2. 1: 84.
1762.

"Japan, Nagasaki"

= *Echinochloa orus corvi* (L.) Beauv.

Panicum corvipes Stokes, Bot. Mat. Med. 1: 141. 1812.

Panicum orus corvi L. cited; this basis of
Echinochloa orus corvi Beauv.

No place cited

Panicum corymbiferum Nees ex Steud. Syn. Fl. Glum.
1: 76. 1854.

"Forbes legit in "Delagoa Bay."

Africa

= *P. deustum* Thunb.

Panicum corymbosum Roxb. Hort. Beng. 7. 1814,
without descr.; Fl. Ind. 1: 295. 1820.

"only in the vallies amongst the Circar mountains."
India

= *Digitaria setigera* Roth ex B. & S. 1817 fide Bor,
letter June 9, 1953.

Panicum corynotrichum Hack. Oesterr. Bot. Zeitschr.
51: 335. Sept. 1901.

(*Digitaria*)

"Brasilia, prov. Minas Geraes, Glaziou nr. 20124."
= *Digitaria corynotrichum* (Hack.) Henr.

Panicum coryphorum Kunth, Rév. Gram. 2: 387. pl. 107.
1831.

Madagascar.---Aubert du Petit--Thouars.

= *Sacciolepis*, see figure

Panicum costaricense Hack. Oesterr. Bot. Zeitschr.
51: 428. 1901.

"Costarica: Inter Buenos Aires et Terraba (Pittier
3636)-----"

= *P. haenkeanum* Fresl

Panicum costatispiculum Ohwi, Bull. Tokyo Sci. Mus.
no. 18: 14. 1947.

"Sumatra (Kot. Habinsaran prope lac. Toba in
Tapanoceli, Lörzing 6605, in Herb. Bogor.)."

Panicum costatum Roxb. Hort. Beng. 8. 1814, without
descr.; Fl. Ind. 1: 314. 1820.

"Introduced into the Botanic Garden from the
Mauritius, by Captain Ternant, in 1802."

Cult. India

= *Setaria barbata* Kunth

Panicum coursii A. Camus, Bull. Soc. Bot. France
106: 215. 1959.

subgenus *Pseudolasiacis*
["*Pseudolasiacis*"]
err. typ.

Madagascar "Centre: Ambatoharana près d'Antsevabe
alt. 1,000 m., au S-E du lac d'Alastra, Cours 4113."

Panicum courtallense Nees & Wall. ex Steud. Syn. Fl.
Glum. 1: 83. 1854.

Hrb. Wight nr. 1011, 1012, 1013.

"Ind. Or."

"Wall." error in Steud. for Wight.

Panicum cowani Swallen, Mem. N.Y. Bot. Gard. 9: 262.
1957.

Type: frequent, cumbre just south of valley head of
Camp Caño, sabanita and scrub forest, alt. 2000 m,
Serranía Parí, Caño Asisa, Rio Venturi, Amazonas,
Venezuela, Feb. 2, 1951, R. S. Cowan & John J.
Wurdack 31151; U. S. National Herbarium no. 2,040,250.

"Since the spikelets are old, they may have been
somewhat larger than indicated in the description."
related to *Panicum loreum* Trin.

[Bassett Maguire & Louis Politi 27681, Lower Camp
Savanna, Cerro Sepapo, Amazonas; and Steyermark 75777
from ---Apacará-Tepui, Chimantá Massif, Bolívar, Venez.
without spikelets tentatively referred here.]

Panicum crassipiculatum Merrill, Philippine Journ.
Sci. 1 (Suppl.): 356. Dec. 1906.

nom. nov. based on *Panicum latifolium* Hook. f. Fl.
Brit. Ind. 7(1897) 39. exol. syn. et var. *maius*,
non Linn.

P. I. Balabao, Merrill 5387 cited.

= *P. munroanum* Balansa

Panicum crassipes Mez, Bot. Jahrb. Engler 57: 187. 1921

"Südwestafrika (Grossarth n. 4, Seiner n. 126,
Typus)" error for 426
U.S.

Panicum orateriferum Sohns, Journ. Washington Acad. Sci.
46: 378. figs. 10-22. 1956.

Type in U.S. National Herbarium, no. 1983658, on
steep grassy slopes and narrow ravine, open pine
woods and scattered oaks on granitic soil at km. 339-
40 between Acachinotla and Agua de Obispo, highway to
Acapulco, alt. ca. 3000', Guerrero, Mexico.

Oct. 1, 1949, by H. E. Moore, Jr. (no. 5148). Other
specimens examined: Guerrero: Montes de Oco, Hinton
10801; Galeana, Hinton 14646, 14725. Mexico

Panicum creperum Reeder, Journ. Arn. Arb. 29: 267. 1948.

Based on *Hemigymnia fusca* Ridl. Not *Panicum fuscum*
Sw.

British New Guinea: Central Division: Veiya, Carr
11622 (US, NY) (river bank)

Panicum crinitum Willd. ex Steud. Nom. Bot. ed. 2.
2: 255. 1841.

"Willd. hrb. Mexico." with *Pennisetum orinitum*
Spr. 318. 2 "cited as synonym in Spreng. Syst. Veg.
1: 302. 1825 is" 318 *Pennisetum* Rich. Pers.----
2. *crinitum*---Mexico

Panicum crinitum Hack, ex Durand Schinz, Consp. Fl.
Afr. 5: 744. 1894.

"Afr. centr.: pays des Djur, Schweinf. 2380,"
no description.

In Stapf, Fl. Trop. Afr. 9: 735. 1920. "from
locality and number quoted, is *Digitaria xantho-*
tricha (Hack.) Stapf"

Nile Land

T

Panicum Crinum-ursi Bory ex Steud. Nom. Bot. ed. 2.
2: 255. 1841, as syn. of *Zoysia tenuifolia*
No locality cited.

Panicum crispum Llanos, Fragn. 42. 1851.

"Habita entre el arroz. y apenas es conocido,"

"Felipinas." Philippines

Panicum Crista-galli Gromow ex Trautv. Acta Hort.

Petrop. 9: 357. 1884.

error for *crus-galli*.

Panicum cristatellum Hong, Sinensia 11: 412. 1940.

"Type in the U. S. National Herbarium, no. 1024830,
collected on marshy ground, Kiangyin, Kiangsu pro-
vince, altitude 50 meters, June 1922, by Andrew
Allison (no. 202)."

China

Panicum cristatum (Presl) Steud. Syn. Fl. Glum.
1: 46. 1854.

Based on *Oplismenus cristatus* Presl

Mexico

= *Oplismenus burmanni* (Retz.) Beauv.

Panicum cristatum Anderss. in Peters, Reise Mossamb.
Bot. 548. 1864. Not Steud. 1854.

"Standort: Auf Wiesen verschiedenen Bodens, ... von
den Querimba Inseln und dem gegenüberliegenden
Festlande vom 10-14° S.B." [Peters 1842-48]
Mozambique from title

= *Digitaria Ferrottetii* (Kunth) Stapf fide Stapf

Querimba Inseln.
[Mozambique - Africa]

Panicum cruciabile Chase, Journ. Arn. Arb. 20: 309.
1939.

Nom. nov. for *Panicum reticulatum* Thwaites in Trimen;
not *P. reticulatum* Torr. 1852, nor Griseb. 1857.

= *P. cambogiense* Bal.

Hewessee, *Pandium horle*, 1865 (G. F. 3890 in Herb.
Perol.)

Ceylon

Panicum cruciatum Nees ex Steud. Syn. Fl. Glum.
1: 39. 1854.

"Royle hrbr. nr. 28, 29. Nepal."

= *Digitaria cruciata* (Nees) A. Camus

Panicum cruciatum var. *distachyus* W. Wats., Atkins.
Gaz. N. W. Prov. India 10: 390. 1882, without
descr.

humaon. India

Panicum cruciatum var. *octostachyus* W. Wats., Atkins.
Gaz. N. W. Prov. India 10: 390. 1882, without
descr.

Panicum cruciforme Sibth. ex Roem. & Schult. Syst.
Veg. 2: 426. 1817. error for *eruciforme*

= *Brachiaria eruciformis*

Panicum Crus-ardeae Willd. ex Nees, Agrost. Bras.
253. 1829.

"Habitat in America meridionali. Legit ab Humboldt,
sed deest in Nov. Gen. et Sp.- Vidi in Herb. Willd."

Setaria § *Ptychophylla*

T

Panicum crus-ardeae var. *brevisetum* A. Br. Index Sem.
Hort. Berol. 1855. Appendix: 21. 1855.

French Guiana

Copied from Gray Card (Set No. 192)

Panicum crusardeae var. *brevisetum* Walp. Ann. Bot.
6: 949. 1861.

"*Guiana gallica* denique var. β e Museo Paris sub
No. 62. Communicatam vidi."

French Guiana

= *Setaria* § *Ptychophylla*

Panicum crus-ardeae var. *longisetum* A. Br. Index Sem.
Hort. Berol. 1855. Appendix: 21. 1855.

Brazil

Setaria § *Ptychophylla*

Copied from Gray cards

Panicum crusardeae var. *longisetum* Walp. Ann. Bot.
6: 949. 1861.

"legit Sellow (herb. reg. Berol.); prope Rio de
Janeiro a Radio indicator"....

Brazil

= *Setaria* § *Ptychophylla*

Panicum cruscervi L. Syst. Nat. ed. 10. 870. 1759.

"Glumis subaristatis, rachi trigona"
[no place given]

Panicum crusgalli L. Sp. Pl. 56. 1753.

Europae, Virginiae cultis

= *Echinochloa crusgalli* (L.) Beauv. Man. U. S.

Panicum crusgalli var. *angustifolium* Doell, Fl. Baden
1: 232. 1855.

"die Exemplare sind von Lang auf der Rheininsel bei
Neuenburg am Oberrhein gesammelt."

Germany

= *Echinochloa*

Panicum crusgalli var. *aquaticum* Bast. Ess. Fl.
Maine-et Loire 26. 1809, without descr.

"La variété b croit sur les bords de l'étang S.
Nicolas, de la Loire, etc."

France

= *Echinochloa*

Panicum crusgalli var. *aristatum* Pursh, Fl. Amer.
Sept. 1: 66. 1814.

"in cultivated grounds frequent."

North America

= *Echinochloa crusgalli* Man. U. S.

Panicum crusgalli var. *aristatum* G. Mey. Prim. Fl.
Esseq. 53. 1818. Not Pursh, 1814.

"Host. Gram. 3. p. 35. t. 51."

Brit. Guiana

= *Echinochloa*

Panicum crusgalli var. *aristatum* Mutel, Fl. Franç.
4: 22. 1837. Not Pursh, 1814.

Mutel cites f. 1412 Reichb. Agrost. Germ., an
unnamed var.

Germany

= *Echinochloa*

Panicum crus-galli var. *aristulatum* Goiran, Nuov.
Giorn. Bot. Ital. n. ser. 17: 47. 1910.

"Varo...Paglione" [Italy]

= *Echinochloa*

- Panicum crusgalli* var. *brevisetum* Doell, Fl. Baden
1: 232. 1855.
"Abgebildet: Host, Gram. austr. II. t. 19.
Reichenb. Icon. no. 1411." [*Echinochloa crusgalli*]
Baden. Germany
= *Echinochloa*
- Panicum crus-galli* var. *brevisetum* [Gaud.] ex Ducomm.
Taschenb. Schweiz. Bot. 837. 1869.
Cites "(P. crus-galli Vill.)"
[Switzerland]
= *Echinochloa*
- Panicum crusgalli* ssp. *colona* (L.) Makino & Nemoto,
Fl. Jap. 1470. 1925.
var. *typica* (Honda)
(*Echinochloa crusgalli* subsp. *colona* var. *typica*
Honda Bot. Mag. Tokyo 37: 122. 1923.)
"Honda" erroneously cited as author in ().
Type would be "colonum" misapplied by Honda
- Panicum crusgalli* ssp. *colona* var. *edulis* (Honda)
Makino & Nemoto, Fl. Jap. 1470. 1925.
Based on *Echinochloa crusgalli* ssp. *colona* var.
edulis (Hitcho.) Honda
[*edulis* first proposed as var. of *E. crusgalli* var.
edulis Hitcho. based on *Panicum frumentaceum* Roxb.
1820, not Salisb. 1796.]
Cult. India
- Panicum crusgalli* var. *colonum* (L.) Fiori, Nuov. Fl.
Anal. Ital. 1: 79. 1923.
Based on [*Panicum*] *colonum* (L. 1759)
= *Echinochloa colonum* (L.) Link
- Panicum crusgalli* var. *commune* Nees, Fl. Afr. Austr.
1: 58. 1841.
"In cultis ad Rondebosch et in hortis circa urbem,
(Distr. Cap.), Ecklon."
So. Africa
- Panicum crusgalli* var. *echinatum* (Willd.) Doell in
Mart. Fl. Bras. 2²: 143. 1877.
"*Panicum echinatum* Willd." (name widely misapplied)
see Man. U. S. II: 857. 1951.
specimen in Willd. Herb. is *Pseudechinolaena*
polystachya (H.B.K.) Stapf
Magdalena, Colombia
- Panicum crusgalli* var. *edule* (Hitcho.) Thell. ex
Bouly de Lesd. Publ. Soc. Dunk. 1934: 19. 1934.
Based on *Echinochloa crusgalli* var. *edulis* Hitcho.
= *E. crusgalli* var. *frumentacea* (Roxb.) W. F. Wight.
Cult. India
- Panicum crusgalli* var. *erectum* (Poll.) Fiori, Icon.
Fl. Ital. ed. 2. 19. f. 135. 1921.
Based on *Panicum erectum* Poll.
prope Papiam (Italia)
- Panicum crusgalli* var. *frumentaceum* (Roxb.) Trimen,
Syst. Cat. Ceylon Fl. 104. 1885.
same Ridley 1907.
Based on *Panicum frumentaceum* Roxb.
= *Echinochloa crusgalli* var. *frumentacea* (Roxb.)
W. F. Wight.
Cult. India
- Panicum crusgalli* var. *frumentaceum* Ridley, Mat. Fl.
Malay Penins. 3: 132. 1907.
same Trimen, 1885. of Trim. 1885.
[Malayan Penins.]
= *Echinochloa*
- Panicum crus-galli* var. *frumentaceum* f. *aristatum*
(Honda) Makino, Illustr. Fl. Nipp. 836. 1940, in
nota. Not *P. Crus-galli* var. *aristatum* Pursh,
1814.
[Copied from Ohwi, Acta Phytotax. & Geobot. 11: 39.
1942. Given here as syn. of *Echinochloa frumen-*
tacea var. *atherachne* Ohwi var. nov.]
Echinochloa
- Panicum crus galli* var. *graniflorum* Doell in Mart.
Fl. Bras. 2²: 142. 1877.
"Habitat prope Rio de Janeiro (Riedel n. 1259, Bur-
chell n. 2720, *Olaziou* n. 4348). Extra Brasiliam
in insula Barbados (Wright n. 11)."
T
= *Echinochloa*
- Panicum crus galli* var. *hispidulum* (Retz.) Hack. Bull.
Herb. Boiss. 7: 644. 1899.
Based on "*P. hispidulum* Retz"
Ind. Or. (konig)
= *Echinochloa hispidula* (Retz) Keng
- Panicum crusgalli* var. *hispidum* Ell. Bot. S. C. & Ga.
1: 114. 1816.
Based on *P. hispidum* Muhl. in Mss.
New York to Carolina
= *Echinochloa walteri* Man. U. S.
- Panicum crus-galli* var. *hispidum* (Muhl.) Doell in
Mart. Fl. Bras. 2²: 142. 1877.
same as Ell. 1816.
Based on "*Panicum hispidum* Muhlenberg" Not F.
Forst. 1786.
Carolina, Delaware and [New York]
= *Echinochloa*
- Panicum crus galli* var. *hostii* (M.-Bieb.) Richt. Fl.
Eur. 1: 26. 1890.
Panicum hostii M.-Bieb. 1819, this based on *P.*
stagninum Host.
Austria
= *Echinochloa*
- Panicum crusgalli* var. *humile* Nees, Fl. Afr. Austr.
1: 58. 1841.
"In declivibus siccis ad rivulum quendam, (Ecklon);
ad Leeuvenhof 500' alt. et in Steekloof alt.
3500-4000', (Drège)."
So. Africa
= *Echinochloa*
- Panicum crus-galli* var. ? juvenile Kanehira & Sasaki,
Trans. Nat. Hist. Soc. Formosa 19: 365. 1929,
without descr.
"Z. Katsumada, July 1908."
[Hainan]
= *Echinochloa*
- Panicum crus galli* var. *laxiusculum* Doell in Mart. Fl.
Bras. 2²: 143. 1877.
"Ad Caldas provinciae Minarum (Regnell III. 1374,
ex parte)."
= *Echinochloa* Brazil
- Panicum crusgalli* var. *leioachyum* Franch. Bull. Soc.
Hist. Nat. Autun 8: 348. 1893.
"Hab.--Très abondant sur le bord des cours d'eau du
Ferland Vaz, avec les Papyrus (H. Lecoq)."
French Congo--Africa
Echinochloa
- Panicum crusgalli* var. *longiaristatum* Gaudin ex
Ducomm. Taschenb. Schweiz. Bot. 837. 1869.
Cites "(P. stagninum Host)" Host presumably illus-
trates a plant from Banatus, cited; but cites Retz
as author of *P. stagninum*
= *Echinochloa*
- Panicum crus galli* var. *longisetum* Trin. Gram. Icon.
2: 162. 1826.
Based on *Panicum echinatum* Trin. Gram. Pan. 137.
1826 ["Tr. Diss. II. p. 137"] "Figura ad specimen
Astrachanense."
Russia Europe
Echinochloa
- Panicum crusgalli* var. *longisetum* Doell, Fl. Baden
1: 232. 1855. Not Trin. 1826.
"bei Ettlingenweiler von v. Stengel gesammelt worden!"
Germany
Echinochloa
- Panicum crus-galli* var. *longisetum* Goiran, Nuov.
Giorn. Bot. Ital. n. ser. 17: 47. 1910.
Not Trin. 1826.
"nei rigagnoli in prossimità del mare alla
California!" [Italy]
Echinochloa
- Panicum crus galli* var. *maximum* Franch. Bull. Soc.
Hist. Nat. Autun 8: 347. 1893.
"Hab.--Brazzaville, dans les lieux inondés (J. de
Brazza et Thollon, n. 388)."
French Congo, Africa
= *Echinochloa*
- Panicum crusgalli* var. *mite* Pursh, Fl. Amer. Sept.
66. 1814.
North America
= *Echinochloa crusgalli* var. *mitis* (Pursh) Peters.
Man. U. S.
- Panicum crus-galli* var. *mixtum* Goiran, Nuov. Giorn.
Bot. Ital. n. Ser. 17: 47. 1910.
"Varo... Pagliome" [Italy]
= *Echinochloa*
- Panicum crusgalli* var. *molle* Pilger ex Peter, Repert.
Sp. Nov. Fedde Beih. 40: 179, 180. 1930.
"Deutsch Ost Afr.: Rovuma: kwa Mkurumba (Busse 1068!
--Urundi!"
Tanganyika
= *Echinochloa*
- Panicum crus-galli* var. *mucronatum* Goiran, Nuov.
Giorn. Bot. Ital. n. ser. 17: 47. 1910.
"Varo.... Pagliome" [Italy]
= *Echinochloa*

Panicum crusgalli var. *muticum* Ell. Bot. S. C. & Ga.
1: 114. 1816.

Probably South Carolina

= *Echinochloa crusgalli* var. *mitis* Man. U. S.

Panicum crusgalli var. *muticum* Guss. Fl. Sic. Prodr.
1: 82. 1827. Not Ell. 1816.

"In arvis humentibus, ad rivulos, et fossarum
marginibus."

[Sicily]

= *Echinochloa*

Panicum crus galli L. var. *muticum* A. Braun, Ind. Sem.
Hort. Berol. 4: 4. 1857. nom. nud. \odot
not Ell. 1816.

Panicum crusgalli var. *muticum* Sickenb. Mém. Inst.
Égypt. 4: 300. 1901, without descr. Not Ell. 1816.

Gives only "N. Quizeh!"

Says at beginning of article: "The abbreviations for
the regions are the same as in the illustration"
[Aschers. & Schweinf. 1889 [i.e. 1887] Mém. Inst.
Égypt. vol. 2]

"N" here = "Region nilotique"

Egypt. Africa

= *Echinochloa*

Panicum crusgalli var. *muticum* Hack. ex Nakai, Fl.
Saishu & Kwan Islands (Quelpaert) Δ 1914, nom. nud.
no. 1930 in list of Gramineae

All Japanese except list of Latin names

= *Echinochloa*

Panicum crusgalli var. *muticum* f. *purpureum variegatum*
Smith, Trans. Kans. Acad. Sci. 12: 114. 1890.

[not overlooked, forma variegatum seems to be a
phrase name of 2 words.]

Kansas

= *Echinochloa*

Panicum crusgalli var. *nodiflorum* Goir. Bull. Soc.
Bot. Ital. 149. 1909.

"Nizzarde & Veronesi."

Italy

= *Echinochloa*

Panicum crus-galli normale var. *brevisetum* var.
prostratum Kuntze, Rev. Gen. Fl. 3: 360. 1898.

"Argentina: Dique bei Cordoba."

= *Echinochloa*

Panicum crus-galli var. *normale* var. *mite* Rohb.
f. *hispidum* Kuntze, Rev. Gen. Fl. 2: 783. 1891.
"Pennsylvanien."

= *Echinochloa crusgalli* var. *mitis* (Pursh) Peterm.
Man. U. S.

Panicum Crus-galli a normale var. *pygmaeum* Kuntze,
Rev. Gen. Fl. 2: 783. 1891.

"U. St.: Colorado"

= *Echinochloa crusgalli* var. *Zelayensis* (H.B.K.)
Hitcho.

Man. U. S.

Panicum crusgalli L. prol. *oryzicola* Vasinger, Bull.
Appl. Bot. Fl. Breed. 25(4): 125. 1931.

Footnote--"differt a typo foliis laminae pilosis et
coryopsidibus majoribus, c. 3.5-4 mm. longis, c.
2.5-3 mm. latis.--Habitat in Oriente Extremo inter
segetes *Oryzae sativae* L."

illustr. hairy summit of sheath fig. 11. p. 129;
panicle axis " 13. p. 130
fruits " 15. p. 131
base of plant " 18. p. 133

"---une forme spéciale de cette espèce, décrite par
l'auteur sous le nom de *Panicum oryza galli* L. Prol.
Oryzicola Vasinger. La partie végétative de cette
plante est tellement semblable au riz au début de
sa croissance qu'il est presque impossible de net-
toyer les rizières, et les vieilles rizières over

Panicum crusgalli var. *oryzoides* (Ard.) Fiori, Nuov.
Fl. Anal. Ital. 1: 79. 1923.

Based on [*Panicum*] *oryzoides* (Ard. 1764)"

= *Echinochloa*

Panicum crus-galli var. *petiveri* (Trin.) Hack. ex
Wild. & Dur. Ann. Mus. Congo 1: 72. 1900.

Based on "*Panicum petiveri* Trin."

"Ind. Or. (Herb. antiqu. cumautographa
Petiverii-Lindley"

Ind. or. Lindley

= *Echinochloa*

Panicum crus-galli var. *polystachya* Munro ex Aschers.
& Schweinf. Ill. Fl. Égypte 159. 1887.

"N. d. [Région nilotique subdivision du Delta]
(Rosette Schweinf.)"

Egypt.

= *Echinochloa*

Panicum crus-galli var. *pumilum* Goir. Fl. Veron.
22. 1844.

"Var River - s.e. France"

Panicum crusgalli var. *pumila* (Grun.) Patschosky,
Mem. Soc. Nat. Kiev 13: 137. 1894. not Goir. 1844.

Based on *Echinochloa crusgalli* *pumila* Grun.

= " " "
ad Borysthenem [Rossiae australis]

Panicum crusgalli var. *purpureum* Pursh, Fl. Amer. Sept.
66. 1814.

North America

= *Echinochloa crusgalli* var. *mitis* (Pursh) Peterm.
Man. U. S.

Panicum crusgalli var. *rohlenae* Domin, Sitzungsab.
Böhm. Ges. Wiss. Math.-Nat. 1902. [no.] 58: 40.
1903.

Böhmen.

[lower part mostly in water]

= *Echinochloa*

Panicum crusgalli var. *sabulicolum* (Nees) Trin. Gram.
Icon. 2: pl. 163. 1828.

Based on *P. sabulicolum* [Nees]

"in arenosis Parae (Sieber)"

Brazil, S. Amer.

= *Echinochloa sabulicola* (Nees) Hitcho.

Panicum crusgalli var. *Siebianum* Aschers. & Schweinf.
Mém. Inst. Égypt. 2: 777. 1889.

"N. d. (spont et cultivé comme plante fourragère
aux environs de Rosette [depuis Sieber] Damiette,
Girnis, Menzaleh, Natariyeh et Zagazig. Schweinf.,
Aschers.)"

Egypt. Africa

= *Echinochloa*

Panicum crusgalli var. *stagninum* (Retz.) Dur. & Schinz,
Consp. Fl. Afr. 5: 745. 1894.

Based on *P. stagninum* (Retz. Obs. V 17)."

Ind. or. (Koenig)

= *Echinochloa stagnina* (Retz.) Beauv.

Panicum crus-galli var. *stagninum* (Retz.) Ridley, Mat.
Fl. Malay Penins. 3: 132. 1907.
see Dur. & Schinz 1894.

"one var. *stagninum* with long awns...."

Based on *Panicum stagninum* Retz., but Retz. not
cited.

[Malay Penins.]

= *Echinochloa stagnina* (Retz.) Beauv.

Panicum crus galli var. *stoloniferum* Schweinf. et
Muschl. in Muschl. Man. Fl. Egypt 1: 52. 1912.

"Zagazig, common on the sides of irrigation-canals."

Egypt

= *Echinochloa*

Panicum crusgalli ssp. *submutica* (Honda) Nakino &
Nemoto, Fl. Jap. 1470. 1925.

Honda is given in parentheses as above with a few
Japanese characters after name. Var. *typica* (Honda)
is given under the subsp. *submutica*, and *P. crusgalli*
var. *submuticum* Mey. cited as synonyms. In the cat-
alogue the authority for this name is Franch. There
is an *Echinochloa crusgalli* var. *submutica* Nees.

Makino & Nemoto probably meant the above to be based
on *Echinochloa crusgalli* subsp. *submutica* var.
typica Honda, Bot. Mag. Tokyo 37: 121, which they
cite.

Japan

= *Echinochloa*

Panicum crus galli var. *submuticum* Franch. Bull. Soc.
Hist. Nat. Autun 8: 347. 1893.

"Hab.--Loanga (H. Lecomte).--Congo belge, Kwamouth
(Fr. Hens, n. 176)."

Congo, Africa

= *Echinochloa*

Panicum crusgalli var. *submuticum* (Nees) Hayek,
Repert. Sp. Nov. Fedde Beih. 304: 362. 1932.

Based on *Echinochloa crusgalli* var. *submuticum*
Nees.

Austria

= *Echinochloa*

Panicum crus-galli var. *submuticum* Meyer
"Caus"
ex Hackel, ex Nakai, Bull. Nat. Sci. Mus. 31: 137.
1952. not Franch 1893, nom. nud. as syn. of
Echinochloa paracervi Nakai, l.c. nom. nud.
see *Echinochloa paracervi* Nakai

Korea

Panicum crusgalli ssp. *submutica* var. *hispidula* (Retz.)
Nakino & Nemoto, Fl. Jap. 1470. 1925.

Based on [*Panicum hispidulum* Retz.] Honda
erroneously cited in ()

Ind. or. (König)

= *Echinochloa hispidula* (Retz.) Keng

Panicum crusgalli variegatum Aschers. & Graebn. Syn.
Mittelsour. Fl. 2: 70. 1899.

"Engler bei Breslau."

= *Echinochloa*

Panicum crusgalli var. *viridis* Van Soest, Nederl.
Fruidk. Arch. 1928: 8. 1928, in Dutch

[Holland]

= *Echinochloa*

Panicum orus galli var. *vulgare* Doell in Mart. Fl.
Bras. 2: 141. 1877.

. Brasil

= *Echinochloa*

Panicum crusgalli var. *Walteri* (Pursh) Farwell, Mich.
Acad. Sci. Rep. 6: 202. 1904.

Based on *Panicum walteri* Pursh [*Panicum hirtellum*
Walt.]

S. Car.

= *Echinochloa walteri* Man. U. S.

Panicum Crus-pavonis (H.B.K.) Nees, Agrost. Bras. 259.
1829.

Based on *Oplismenus orus pavonis* H.B.K.

T = *Echinochloa oruspavonis* Humb. & Bonpl.

Cumana, Venezuela Humb. & Bonpl.

Panicum Crus-pavonis var. *rostratum* Stapf in Thiseit.-
Dyer, Fl. Cap. 7: 396. 1899.

"Natal; on sand-flats near the mouth of the
Umsinkulu River, Drège! Africa."

= *Echinochloa*

Panicum Crus-pioi Willd. ex Doell in Mart. Fl. Bras.
2: 143, in obs. 1877.

"herbarii Willdenowiani (n. 18727 fol. 2) est forma
Panicum Crus-pioi Willd.

= *Echinochloa*

Panicum cryptanthum Ashe, N. C. Agr. Exp. Sta. Bull.
175: 115. 1900.

"Collected by the writer in swamps at Wilson's
Mill, N. C. in July 1897."

Man. U. S.

Panicum otenanthum P. Muell. Fragm. Phyt. Austr. 8:
153. 1874.

"Ad rivos Sturt's et Hooker's Creek.--P. H."

= *Digitaria otenantha* (P. Muell) Hughes

Australia

Panicum otenodes Trin. Gram. Icon. 2. pl. 171. 1829.

specimen drawn is from Brazil.

= *P. stoloniferum* Poir.
H. & C.

Panicum otenodes ^{var.} *major* Trin. Gram. Icon. 2: 171. f. A.
1829.

figure "ad specimen Braziliense."

= *P. frondescens* Meyer
H. & C.

Panicum oyubense (Spreng.) Steud. Nom. Bot. ed. 2.
2: 255. 1841; Syn. Fl. Glum. 1: 48. 1854.

Based on *Orthopogon oyubense* Spr.

Cuba

= *Oplismenus hirtellus* Grasses W. I.

Panicum cuyabense Steud. Nom. Bot. ed. 2. 2: 255. 1841.
nom. nud.; Trin. ex Steud. Syn. Fl. Glum. 1: 42.
1854. [misspelling of *cuyabense*]

"Brasil"

= *Digitaria cuyabensis* (Trin.) Parodi

[*D. lanuginosa* (Nees) Henr. var. *cuyabensis* (Trin.)
Henr.]

Panicum culicium P. Muell. Fragm. Phyt. Austr. 8: 189.
1874.

"Ad flumen Warrego; specimen misit W. Hill."

Australia

"unknown" in Hughes, Kew Bull. 1923: 332.

Panicum cultratum Trin. Gram. Pan. 126. 1826.

"V. spp. Brasil. (Langsdorff.)"

= *Thrasya cultrata* (Trin.) Nees

Panicum Cumingianum Steud. Syn. Fl. Glum. 1: 58. 1854.

"Cuming Hrbr. nr. 570 et 422.

"Ins. Philipp"

Echinochloa colonum fide Merrill

Panicum cupressifolium A. Camus, Bull. Soc. Bot.
France 72: 372. 1925.

"Madagascar centr.: Massif de l'Andringitra...
(Perrier de la Bathie, no. 10. 893) et audessus...
(Perrier de la Bathie, no. 14.548)."

Panicum cupreum Hitchc. & Chase, Contr. U. S. Nat.
Herb. 15: 120. f. 113. 1910.

"*Panicum hians purpurascens* Scribn.---1891"

"Flor de Maria, State of Mexico (3449 Pringle)"

Panicum Currani Ashe, Journ. Elisha Mitchell Soc.
15: 113. 1899.

Based on *P. commelinaefolium* Ashe. Not Kunth.

Stone Mt. Ga. (J. K. Small)

= *P. commutatum* Schult. Man. U. S.

Panicum curtifolium Nash, Bull. Torrey Club 26: 569.
1899.

"Collected by S. M. Tracy at Ocean Springs,
Mississippi, May 2, 1898, no. 4598."

Man. U. S.

Panicum Curtisii Steud. Syn. Fl. Glum. 1: 66. 1854.

"M. A. Curtis sub: *P. nervosum*."

"Mühlbg. var. legit in Carolina."

South Carolina, M. A. Curtis

= *P. angustifolium* Ell. Man. U. S.

Panicum curtisii Chapm. Fl. South. U. S. 573. 1860.
Not Steud. 1854.

Based on *P. Walteri* Ell. "not of Poiret, nor Pursh.
P. carinatum Torr., in Curtis's Plants Wilmington,
not of Presl"

6 1/2 mi. from Savannah on the Ogeechee road

= *P. hemitomon* Schult. Man. U. S.

Panicum curtivaginum Ashe, Journ. Elisha Mitchell
Soc. 16: 95. 1900.

"Collected at Petit Bois Island, Mississippi,
May 8, 1898 by S. M. Tracy." [4584]

= *P. roanokense* Ashe Man. U. S.

Panicum curvatum L. Syst. Nat. Ed. 12. 2: 732. 1767.

"Habitat in Surat"

India

= *Sacciolepis curvata* (L.) Chase

Panicum curvatum [L. misappl. by] Roxb. Fl. Ind. ed.
1: 289. 1820. Not L. 1767. Carey

"This may be only a variety of *P. interruptum*."
["Corol no neuter, only hermaphrodite.--"]

Panicum curvatum var. *tenellum* (Roxb.) Dur. & Schinz,
Consp. Fl. Afr. 5: 745. 1894.

Based on *P. tenellum* Roxb.

India

Panicum curviflorum Hornem. Hort. Hafn. Suppl. 116.
1819.

"Hab. in Ind. orient. C. Missum a celeb. Wallechio"
India

Panicum curvifolium Swallen, Bull. Torrey Club 58: 316.
1931.

"Moist slopes of Savanna Hills, 4400 ft. 776.
[Tate, coll. Venezuela] Mount Duida

T. U. S.

Aff. *Panicum ohnoodes* Trin.

Panicum curvinerve Hack. Oesterr. Bot. Zeitschr.
51: 335. 1901.

"Cuba, Wright 1544 ex parte"

= *Digitaria curvinervis* (Hack.) Fern.

Grasses W. I.

Man. W. I.

Panicum cuspidatum Roxb. Hort. Beng. 7. 1814, without
descor. Fl. Ind. ed. Carey 1: 301. 1820.

"A native of Bengal."

India

Panicum cuspidatum Willd. ex Steud. Nom. Bot. ed. 2.
2: 255. 1841, as syn. of *P. teneritana*. Not Roxb.

Ceylon

Isachne

Panicum cuspidiglume Steud. Syn. Fl. Glum. 1: 96.
1854.

"*Isachne* Neesiana. Hrbr. Arn. nr. 2045. Ceylon."

= *Isachne* sp.

Panicum outhbertii Ashe, Journ. Elisha Mitchell Soc.
15: 48. 1898.

"South Carolina: Outhbert; St. Helena Island."
= *P. ensifolium* Baldw. Man. U. S.

Panicum cuyabense Trin. Mém. Acad. St. Pétersb. VI.
Sci. Nat. 1: 206. 1834.

"V. spp. Bras."

Basis of *Digitaria cuyabensis* (Trin.) Parodi, and
of *D. lanuginosa* (Nees) Henr. var. *cuyabensis* (Trin.)
Henr.

Panicum cuyabense var. *micranthum* Hack. ex Bertoni,
Anal. Cientif. Paraguay II. 160. 1918, without
descrip.

"5825 y 5830 [Bertoni]-Paraguay."
"también Argentina y Brazil"

[Bertoni, Coll. Arg. = litoral del Territorio de
Misiones. Brazil litoral del Estado de Paraná]

Panicum cyanescens Nees in Trin. Gram. Pan. 202. 1826;
Agrost. Bras. 220. 1829.

"V. spp. Brasil. (Link. Mertens.)"

2nd ref. "*Panicum firmifolium* Trin. Hb.--Brasilia
merid.-Sellow. Vidi Herb. Reg. Berol. et Trin."

Brazil

Panicum cyanescens var. *contractum* Doell, in Mart. Fl.
Bras. 2: 263. 1877.

"...[Sello] ab eodem (n. 299) in "Brasilia meri-
dionali" lecta."

Basis of *P. contractum* (Doell) Mez.

Panicum cyanescens var. *Lamarckianum* Doell, in Mart.
Fl. Bras. 2: 264. 1877.

"*Panicum hirsutum* β Lamarck Enc. Méth. IV. 741.
n. 54, fide specimenis authenticis."

"in Guianis obvia, in Brasilia adhuc non lecta."

Guyana

Panicum cyanescens var. *latifolium* Doell in Mart. Fl.
Bras. 2: 263. 1877.

"...prope Novo Friburgo (Beyrich) et in Brasilia
meridionali (Sello)."

Panicum cyanescens var. *patens* Doell in Mart. Fl.
Bras. 2: 263. 1877.

[Brazil or Uruguay] "Sello (n. 265)."

Panicum cyanescens var. *pubescens* Doell in Mart. Fl.
Bras. 2: 263. 1877.

[Brazil] S. Paulo

"ol. Guillemain----legit (n. 558)."

Panicum cyanescens var. *rigidiusculum* Doell in Mart.
Fl. Bras. 2: 263. 1877.

"prope Barra in Campo do Jauari (Spruce n. 1280*)"
...Santarem (Spruce "Panicum n. 14....Pohl 1161;...
Schott 4871....; Blanchet 2446....; Caldas, Regnell
II 307;...Sello 4319.

Brazil

Panicum cyanescens var. *sternophyllum* Doell in Mart.
Fl. Bras. 2: 263. 1877.

"...Spruce prope Santarem (Pan. 10), a cl. warming
in Serra da Piedade provinciae Minarum nec non a cl.
Freyreiss in Brasilia lecta (herb. Holm.)."

Brazil

Panicum cyanescens var. *trachycarpon* Doell in Mart.
Fl. Bras. 2: 264. 1877.

"Martius in sylvis primaevae ad Ega provinciae do
Alto Amazonas lecta est."

Brazil

Panicum cylindricum Thunb. Mus. Nat. Acad. Upsal.
10: 148. 1787-1797.

Panicum cylindricum Link, Enum. Hort. Berol. 1: 76.
1821. Not Thunb. 1787-97.

"Hab." hort.

Panicum cymbiforme Hughes, Kew Bull. Misc. Inf.
1923: 323. 1923.

P. antidotale Benth....p.p. non Retz. cited

"W. Australia: Cygnet Bay, Cunningham 341."

Panicum cynodon Reichardt, Sitzungsab. Akad. Wiss. Math.
Naturw. (Wien) 76: 724. 1878.

"Hawaii; um Halemanu auf sonnigen trockenen Anhoen.
Nr. 2129." [Wawra]

Hawaiian Islands

Panicum cynosuroides L. Syst. Nat. ed. 10: 870. 1759.

[no loc. cited] See A.C. Linn. concept of pearl
millet. Amer. Journ. Bot. 8: 44, 48. 1921.

Not in Sp. Fl. ed. 2 nor in any subsequent Linnaean
work.

[Probably = *Pennisetum alopecuroides*]
Used but once by post-Linn. authors, Scop. 1778
applied to *Setaria viridis*.

Panicum cynosuroides L. misappl. by Scop. Fl. Carn.
ed. 2. 1: 50. 1778. Not L. 1759.

Hungary

Panicum cynotis Trin. Mém. Acad. St. Pétersb. VI. Sci.
Nat. 1: 325. 1834.

"V. spp. Bras."

Brazil

T = *Ichnanthus*

Panicum dactylon L. Sp. Pl. 58. 1753.

"In Europa australi"

Southern Europe

= *Cynodon dactylon* Man. U. S.

Panicum daltoni Parl. ex Hook. Niger Fl. 185. 1849.

"Hab. In insula S. Jacobi (J. Dalton Hooker, n. 83.
Nov. 1839." Cape Verde

= *Echinochloa colonum* fide Stapf

Africa

Panicum danguyi A. Camus, Bull. Soc. Bot. France
72: 706. 1925.

"Madagascar centr.: Massif de Manongarivo....
(Ferrier de la Bâthie, no. 11072)."

Panicum Danguyi var. *mahavavyensis* A. Camus, Bull. Soc.
Bot. France 99: 143. 1952. see same 1958.

"Madagascar: Centre-Nord: Massif de Marivorahona,"
s.w. of "Manambato (haute Mahavavy),----Humbert et
Capuron 25655."

[y]
Panicum danguyi var. *mahavavyensis* A. Camus, Bull. Soc.
Bot. France 105: 249. 1958. See same 1952.

Madagascar - "Centre (nord) = massif de Marivorahona
au sud-ouest de Manambato (haute Mahavavy du nord,
distr. d'Ambilobe);---Humbert et Capuron 25655."

Panicum danguyi var. *typicum* A. Camus, Bull. Soc.
Bot. France 105: 249. 1958.

"*Panicum danguyi* A. Camus s. str." Bull. Soc. Bot.
France 105: 249. 1958.

Madagascar centr.: Massif de Manongarivo. (Ferrier
de la Bâthie, no. 11072).

Panicum dasyanthum Licht. ex Nees, Fl. Afr. Austr.
19. 1841, as syn. of *Tricholaena capensis* Nees

S. Africa

Panicum dasytrichum Spreng. Syst. Veg. 1: 317. 1825.

"Brasil"

= *P. ruizei* R. & S.

H. & C.

Panicum dasyurum Willd. ex Nees, Agrost. Bras. 241.
1829; Fl. Afr. Austr. 56. 1841.

"*Panicum dasyurum* Willd. Herb."

"Brasilia. \odot (Comes a Hoffmannsegg---in herb. Willd.
Brazil & S. Africa "Drege" cited in 1841.

Setaria

Panicum Deamii Hitchc. & Chase in Deam, Ind. Dept.
Cons. Publ. 82: 284. pl. 75. f. 18. 1929.

"Type in the U. S. National Herbarium no. 1297908,
collected on crest of low dune a quarter of a mile
south of Pine (northern Lake County), Indiana, June
21, 1926, by Charles C. Deam (No. 43287)."

Man. U. S.

Panicum debile Desf. Fl. Atlant. 1: 59. 1798.

"Habitat in pascuis prope La Calle"

Basis of *Digitaria debilis* (Desf.) Willd.

Algeria, Africa

Panicum debile Ell. Bot. S. C. & Ga. 1: 129. 1816.
Not *P. debile* Desf. 1798.

Presumably South Carolina

= *P. verrucosum* Muhl. Man. U. S.

Panicum debile Poir. in Lam. Encycl. Suppl. 4: 283.
1816. Not *P. debile* Desf. 1798.

Based on *Panicum divaricatum* Michx.

= *Pestuca obtusa* Man. U. S.

Carolina

Panicum debile Torr. ex Steud. Nom. Bot. ed. 2.
2: 255, 262. 1841. Not Desf. 1798.

"*debile* Torr." as syn. of "*pubescens* [Lam. p. 262]

Note by A.S.H.: "I find no record of any *P. debile*
Torr. except the above nomen nudum"

Doubtful species. H. & C.

Panicum debile var. *aequiglumae* (Hack. & Arech.) Hack.
in Stuck. Anal. Mus. Nac. Buen. Aires 11: 69. 1904.

Based on "*P. aequiglumae* Hack. & Arech."

Basis of *Digitaria aequiglumis* (Hack. & Arech.)
Parodi

Uruguay

Panicum debile var. *reimarioides* (Anderss.) Hack. ex
Dur. & Schinz, *Consp. Fl. Afr.* 5: 746. 1894.

Based on *P. reimarioides* Anderss.
= *Digitaria debilis* Willd. fide Stapf
Zambeze, Africa

Panicum Decaryanum A. Camus, *Bull. Soc. bot. Franç.*
99: 65. 1952.

Madagascar.
Centre: quartzites, endroits humides des env.
d'Ambofinandrahana, alt. 1,600-1,800 m.
(Decary, 13.013).

Panicum decempedale Kuntze, *Rev. Gen. Fl.* 2: 783. 1891.

"Am. Fuss des Himalaya im Terai vor Sikkim."
[Kuntze, Coll.]

India

= *Arundinella decempedale* (Kuntze) Janow.

Panicum deciduum Swallen, *Mem. N.Y. Bot. Gard.*
9: 257. 1957.

Type: locally frequent, northwest slopes of Cerro
Iapacana, alt. 800-1000 m, Rio Orinoco, Amazonas,
Venezuela, January 1, 1951, Bassett Maguire, R. S.
Cowan & John J. Wurdack 30517; U. S. National
Herbarium no. 2,040,239.

Panicum decipiens Nees in *Trin. Gram. Pan.* 227. 1826.

See also: Nees, *Agrost. Bras.* 193. 1829. "habitat
in deserto Minarum versus Paranan."

"type in Nees' herb. in Munich, spikelets in Nat.
Herb. (A.S.H. Eur. Notes 1: 141; 2: 114. With field
books)"

"V. spp. Brasil (N. ab Esenb. Langsdorff.)"

T

Panicum decipiens Link ex Kunth, *Enum. Fl.* 1: 92.

1833, error for *P. despioiens* Link. Not Nees 1826.

"Patria ?--"

Panicum decipiens (Schultz) Krause, *Beih. Bot.*
Centralbl. 29: 140. 1912. Not Nees 1826.

Based on *Setaria decipiens* Schultz [1863]?
Pfalz, Germany

Panicum decipiens var. *parviflora* Doell in *Nat. Fl.*
Bras. 2: 237. 1877.

"var. *parviflora* prope Rio de Janeiro (Forssell
n. 292)."

Brazil

Panicum decolorans H.B.K. *Nov. Gen. & Sp.* 1: 100.
1815.

"Crescit in temperatis, apricis regni Mexicani prope
Queretaro, alt. 995 hexap." [Humboldt & Bonpland]

H. & C. Amer. *Panicum*.

Panicum decoloratum Nash, *Bull. Torrey Club* 26: 570.
1899.

"Collected by Mr. E. P. Bicknell on a sandy railroad
bank at Tullytown, Pennsylvania, May 30, 1899.

= *P. olandestinum* L. Mon. U. S.

Panicum decompositum R. Br. *Prodr. Fl. Nov. Holl.*
191. 1810.

"(T.) *Littora Novae Hollandiae intra tropicum*."

Australia

Panicum decompositum var. *acuminatissimum* Domin,
Journ. Linn. Soc. Bot. 41: 269. 1912.

"N. W. Australia...coll. Dr. E. Clement. (b) Elder
Exploring Exped. ...R. Helms in 1891. (c) Mt.
Lyndhurst, collegit Max Koch... (d) Macquaries and
Castlereage River, coll. Wools."

Panicum decompositum var. *scaberrimum* Domin, *Journ.*
Linn. Soc. Bot. 41: 270. 1912.

"N. W. Australia:....Dr. E. Clement"

Panicum decompositum var. *tenuior* F. M. Bailey,
Queensl. Agr. Journ. 30: 314. 1913.

"Hab.: Gindie, E. W. Bick."

Australia

Panicum decompositum var. *typicum* Domin, *Journ. Linn.*
Soc. Bot. 41: 269. 1912.

"N. W. Australia: inter fl. Ashburton et Yule, coll.
Dr. E. Clement; inter fl. Ashburton et De Gray,
collegit idem."

Panicum decompositum var. *utile* Domin, *Journ. Linn.*
Soc. Bot. 41: 270. 1912.

"N. W. Australia: inter fl. Ashburton et Yule,
collegit Dr. E. Clement."

Panicum decumbens (Swartz) Roem. & Schult. *Syst. Veg.*
2: 429. 1817.

Based on "*Paspalum decumbens* Sw. *Prod.* 22."

Jamaica. W. I.

Panicum deflexum Schum. *Beskr. Guin. Fl.* 83. 1827.

Guinea, Africa [Thonning and other Danish botanists
from title]

Panicum deflexum Guss. in *Ten. Fl. Napol.* 5: 320.
1835-1836. Not Schum. 1827.

= *Ehrharta erecta* Lam. fide Stapf. *Fl. Cap.* 671.
1898.

Panicum degeneri Potztal, *Mittell. Bot. Gart. Mus.*
Berlin-Dahlem 1: 1. fig. 2. 1953.

Hawaii: North of Kaahola Light House, Hawi----
(8. 11. 1952.--Degener Nr. 21807. Typus speciei!)"

Hawaii

Panicum Delawareense Ashe, *Bull. N. C. Agr. Exp. Sta.*
175: 116. 1900.

"Dry soil near Centerville, Del. Collected by A.
Commons [48], July 6, 1878."

= *P. werneri* Scribn. Man. U. S.

Panicum delicatulum Fig. & DeNot. *Mem. Acad. Sci.*
Torino II. 14: 351. 1854 (Separate 1853)

"In Nubia superiore ad flumen caeruleum."

Africa

see Stapf, *Fl. Trop. Afr.* 9: 728. 1920.

Panicum delicatum Hughes, *Kew Bull. Misc. Inf.* 1923:
323. 1923.

"N. Territory: near Port Darwin, Allen 176, 178!"

Australia

Panicum deltoideum Hack. *Journ. Linn. Soc. Bot.*
29: 64. 1891.

"Shady hollow, Manandona Valley, 2009b!"
O. F. Scott Elliot, Coll. T
[Madagascar]

Panicum deminutivum Peck, *Bull. N. Y. State Mus.*
10: 27. 1907.

"Shore of Little pond about 2.5 miles south of
Wading River, Suffolk Co." N. Y. [Peck in 1906]

= *Panicum wrightianum* Nan. U. S.

Panicum demissum Trin. *Gram. Icon.* 3: pl. 319. 1832.

"Figura ad specimen Brasilianum."

T

Panicum demissum var. *isachnoides* Hack. ex Buchtien,
Contr. Fl. Boliv. 1: 64. 1910, nom. nud.

"San Antonio" [Bolivia]

Buchtien, Coll.

Panicum densepilosum Steud. *Syn. Fl. Glum.* 1: 72.
1854.

"Japan"

Panicum densiflorum Willd. in Spreng. *Syst. Veg.*
1: 320. 1825.

"W. herb.----"Al Orinoco"

= *Panicum pilosum* H. & C.

Panicum densifolium Swallen, *Fieldiana* 28: 25. 1951.

Type in U. S. Nat. Herb., no. 1911642, collected in
dry rocky open places, Esmeralda Ridge, between
Esmeralda and base of Cerro Duida, Territorio Federal
Amazonas, alt. 150 m., Aug. 21, 1944, Julian A.
Steiermark 57755.

Venezuela

Panicum densiglume Steud. *Syn. Fl. Glum.* 1: 41. 1854,
err. for *uniglume* fide Ind. *Rev.* 2: 412. 1894.

"P. densiglume Hochst. *Herbr. un. it. nr.* 97."

[Schimper 97, Abyss. cited by Stapf sub *Digitaria*
uniglumis (A. Rich.) Stapf, *Fl. Trop. Afr.* 9: 475.
1919]

Abyssinia

Panicum densispica Poir. in Lam. *Encycl. Suppl.*
4: 273. 1816.

Based on "*Panicum cenchroides* Rich non Lam."

= *Pennisetum setosum* (Sw.) L. Rich. Chase, N. Am.
Pennisetum.

(Le Blond) [Fr. Guiana]

Panicum densum Muhl. *Descr. Gram.* 122. 1817.

No place cited. Not in Muhlberg's herbarium.
Description seems to apply to *P. villosissimum* Nash.

In Manual given under Unidentified Names with the
remark that, "The description suggests one of the
lanuginosa group."

U. S.

Panicum denudatum (Link) Kunth, *Rev. Gram.* 1: 32.
1829.

Based on "*Digitaria denudata* Link," this valid in
Henard p. 174.

"Hort Berol" cult.

Panicum depauperatum Muhl. Leser. Gram. 112. 1817.
Name only Muhl. Cat. Fl. 9. 1813.

"Habitat in glareosis Pennsylv. Carolina [type]."
Man. U. S.

Panicum depauperatum var. *involutum* (Torr.) Wood,
Class-book ed. 3. 786. 1861.

Based on *P. involutum* Torr.

Deerfield, Mass. (Cooley)

= *P. depauperatum* Muhl. Man. U. S.

Panicum depauperatum var. *laxum* Vasey, U. S. Dept.
Agr. Div. Bot. Bull. 8: 29. 1889.

"Virginia, Florida, Texas, Arkansas, Missouri."

= *P. depauperatum* Muhl. Man. U. S.

Panicum depauperatum var. *psilophyllum* Fernald,
Rhodora 23: 193. 1921.

"Nova Scotia to Megantic Co., Quebec, Wisconsin
and Virginia. Type: extremely sterile land, Canton,
Maine, July 7, 1906, J. C. Parlin no. 1957.
(Gray Herb.)"

= *P. depauperatum* Man. U. S.

Panicum deschampsiioides Domin, Bibl. Bot. 85: 320. 1915

"Queensland: am Castle Hill bei Townsville nicht
selten (Domin II. 1910)."

Australia

Panicum desertorum A. Rich. Tent. Fl. Abyss. 2: 365.
1851.

"Crescit in locis arenosis provinciae Choho, inter
mare rubrum et Abyssiniam proprie dictam (Martin
Dillon)."

Africa

Stapf Fl. Trop. Fl.

Panicum despiciens Link, Hort. Berol. 1: 207. 1827.

"Hab." hort.

Panicum Despreauxii Steud. Syn. Fl. Glum. 1: 58. 1854.

"Leprieur legit in 'Senegambia' Africa

= *Brachiaria distichophylla* (Trin.) Stapf
in Stapf

Panicum deustum Thunb. Prodr. Fl. Cap. 19. 1794.

"Promontorio Bonae Spei Africes, collegit Carol.
Pet. Thunberg."

Africa

Panicum deustum Brickell & Enslin, ex Muhl. Descr.

Gram. 119. 1817, as syn. of *P. tenue* Muhl. Not
P. deustum Thunb., 1794.

= *P. tenue* Muhl. Man. U. S.

Panicum deustum Thunb. var. *eburneum* Chiov. Annuario
Istit. Bot. Roma 8: 306. 1903.

Fort Teruan (Kenya - Nyanza Prov.) Tinderet Est.,....
158 Davoli.

Africa

Panicum deustum var. *hirsutum* Peter, Repert. Sp. Nov.
Fedde Beih. 40: 196 & Anhang 42. 1930.

Deutsch-Ost Afr., Kilimanischaro: Neu Moschi → Rau-
weld.... (Peter 42246)

German East Africa Tanganyika

Panicum diagonale Nees, Fl. Afr. Austr. 23. 1841.

(*Digitaria*)

"In graminosis inter Ontata et Ongaziana alt. 1500-
2000' atque ad Fort Natal, (Drège)."

Africa

= *Digitaria diagonalis*

Panicum diagonale var. *glabrescens* Schum. in Engl.

Pflanzenw. Ost.-Afr. 5^o: 100. 1895.

"Seengebiet. Bukoba"

= *Digitaria*

Panicum diagonale *hirsutum* De Wild. & Th. Dur. Fl.

Thonner Congolenses 4. 1900.

"Plaine, prairie....Yabosumba près Ndobo. 11 sep-
tembre 1896....(Herb. Fr. Thonner n. 82)."

Africa

= *Digitaria uniglumis* (A. Rich.) Stapf

Panicum diagonale var. *robustius* Hack. ex Dur. & Schinz

Consp. Fl. Afr. 5: 747. 1894, without descr.

= *Digitaria uniglumis* fide Stapf p. 476.

Africa

Panicum diagonale var. *uniglume* (Hochst.) Hack. in

Engler, Abh. Preuss. Akad. Wiss. (Berlin) 2: 117.
1891.

Based on *P. uniglume* Hochst.

= *Digitaria uniglumis* (A. Rich.) Stapf.

Abyssinia (Schimper no. 97)

Panicum diamesum Steud. Syn. Fl. Glum. 1: 42. 1854.

Senegambia

= *Digitaria*

Panicum diandrum Kunth, Rév. Gram. 2: 393. pl. 110.
1831.

"Crescit in insula Guadeloupe inque Brasilia."

West Indies

= *P. laxum* Sw.

H. & C.

Panicum dichotomiflorum Michx. Fl. Bor. Amer. 1: 48.
1803.

"Hab. in occidentalibus montium Alleghanis."

Man. U. S.

Panicum dichotomiflorum var. *bartowense* (Scribn. &
Merr.) Fernald, Rhodora 38: 387. 1936.

Based on *P. bartowense* Scribn. & Merr.

= " " " " "

Bartow, Fla. (Combs 1220)

Panicum dichotomiflorum var. *geniculatum* (Wood)

Fernald, Rhodora 38: 387. pl. 441. f. 2. 1936.

Based on *P. proliferum* var. *geniculatum* Wood

= *P. dichotomiflorum* Michx. Man. U. S.

Eastern U. S.

Panicum dichotomiflorum var. *imperfectum* Fernald,
Rhodora 44: 380. 1942.

"Virginia: ...wooded bottomland, Fontaine Creek,
southwest of Haley's Bridge, Greenville County,
October 14, 1941, Fernald & Long, no. 13,877 (Type
in Herb. Gray; isotype in Herb. Phil. Acad.), pri-
mary panicle over-ripe, lateral panicles mature."

= *Panicum dichotomiflorum* Man. U. S.

Panicum dichotomiflorum var. *puritanorum* Svenson,
Rhodora 22: 154. 1920.

"dry sandy and gravelly beach, Half-Way Pond,
Barnstable, Sept. 13, 1919, Fernald (Type in Gray
Herb.)." [Massachusetts]

Man. U. S.

Panicum dichotomum L. Sp. Fl. 58. 1753.

"Habitat in Virginia" [Clayton 458]

Man. U. S.

Panicum dichotomum Forsk. Fl. Aegypt. Arab. 20. 1775.
Not L. 1753.

Basis of *Pennisetum dichotomum* (Forsk.) Delile 1812.
This changed to *Penn. divinum* (Omel.) Henr. but
Penn. dichotomum Delile 1812 valid under Int. Rules.

Egypt

Panicum dichotomum var. *acuminatum* (Swartz) Griseb.
Fl. Brit. W. Ind. 553. 1864.

Based on *P. acuminatum* Swartz

= *P. acuminatum* Sw.

H. & C.

Jamaica

Panicum dichotomum var. *barbulatum* Wood, Class-book
ed. 3. 786. 1861.

Presumably based on *P. barbulatum* Michx.

= *P. barbulatum* Michx. Man. U. S.

Canada

Panicum dichotomum var. *commune* Wats. & Coult. in
A. Gray, Man. ed. 6. 633. 1890.

No specimen nor locality cited.

U. S.

= *P. dichotomum* L. Man. U. S.

Panicum dichotomum var. *curvatum* Torr. Fl. North. &
Mid. U. S. 145. 1824.

"in moist meadows among shrubbery"

"nothing so marked in herbaria at N. Y. Unidenti-
fiable from descr." A.C.

Unidentified names in Man. U. S.

Panicum dichotomum var. *divaricatum* Vasey, U. S. Dept.
Agr. Div. Bot. Bull. 8: 30. 1889.

no locality nor specimen cited.

Chosen type is S. M. Tracy 127, Lake, Miss.

= *P. dichotomum* L. Man. U. S.

Panicum dichotomum var. *elatum* Vasey, U. S. Dept. Agr.
Div. Bot. Bull. 8: 31. 1889.

No locality nor specimen cited. [Mobile, Ala.,
Mohr]

= *P. scabriusculum* Ell. in Man. U. S.

Panicum dichotomum var. *fasciculatum* Torr. Fl. North. & Mid. U. S. 145. 1824. Not *P. fasciculatum* Swartz, 1788.

"In sandy fields, New Jersey"

= *P. huachucae* var. *fasciculatum* (Torr.) Hubb.
Man. U. S.

Panicum dichotomum var. *glabrescens* Griseb. Fl. Brit. W. Ind. 553. 1864.

"Pl., in mountain-savannahs"
"at few, coll. Purdie, Jamaica" A.S.H.

= *P. polycaulon* Man. U. S.

Panicum dichotomum var. *gracile* Torr. Fl. North. & Mid. U. S. 145. 1824.

"Common in swamps, New York"
Not in herbaria at N. Y. Not identifiable from descr.

In Unidentified Names in Man. U. S.

Panicum dichotomum var. *lanuginosum* (Ell.) Wood,
Class-book ed. 3. 786. 1861.

Presumably based on *P. lanuginosum* Ell. no syn. nor loc. cited.

Ga. Dr. Baldwin

= *P. lanuginosum* Ell. Man. U. S.
H. & C.

Panicum dichotomum var. *laxiflorum* (Lam.) Beal,
Grasses N. Amer. 2: 139. 1896.

Based on *Panicum laxiflorum* Lam."

= *P. laxiflorum* Lam. Man. U. S.
N. Amer.

Panicum dichotomum var. *nitidum* (Lam.) Wood, Class-book ed. 3. 786. 1861.

Presumably based on "*P. nitidum* Lam."

Carolina, Fraser.

= *P. nitidum* Lam. Man. U. S.

Panicum dichotomum var. *nitidum* Chapm. ex Scribn. U. S. Dept. Agr. Div. Agrostr. Bull. 11: 43. 1898, as synonym of *P. baldwinii* Nutt.

"Chapm. Fl. So. U. S. first edition"--var. not made here. *P. nitidum* Ell. is given under unnamed var. specimen = *P. chamaelonche* Man. U. S.

Panicum dichotomum var. *nodiflorum* (Lam.) Griseb. Cat. Fl. Cub. 234. 1866.

Based on *Panicum nodiflorum* Lam."

Carolina (Fraser)

= *P. nitidum* Man. U. S.

Panicum dichotomum var. *pubescens* Munro in Benth. Fl. Hartw. 341. 1857, nom. nud.

"Grasses determined by Munro

"In valle Sacramento." Cal.

= *P. occidentale* Scribn. Man. U. S.

Panicum dichotomum var. *pubescens* (Lam.) Gray, misappl. by Macoun, Cat. Can. Fl. 2nd: 178. 1888.

[In Gray cards]

Canada- not in Man. U. S.

Based on *P. pubescens* Lam. = *P. scoparium* Lam.
Man. U. S.

Panicum dichotomum var. *spathaceum* Wood, Amer. Bot. & Flor. Pt. 2. 393. 1871.

No loc. nor specimen cited.

"Hairy and leafy to the top; panicles sessile."

Unidentified names Man. U. S.

Panicum dichotomum var. *sphaerocarpon* (Ell.) Wood,
Class-book ed. 3. 786. 1861.

Based on *P. sphaerocarpon* Ell.

Ga. Baldwin

= *P. sphaerocarpon* Ell. Man. U. S.

Panicum dichotomum var. *villosum* Vasey, U. S. Dept.

Agr. Div. Bot. Bull. 8: 31. 1889. Not *P. villosum* Ell. 1816.

[Type, District of Columbia, Vasey]

= *Panicum villosissimum* Nash Man. U. S.

"(d) Variety *villosum* (*P. villosum* Ell.?)"

Panicum dichotomum var. *viride* Vasey, U. S. Dept. Agr.

Div. Bot. Bull. 8: 30. 1889.

No locality nor specimen cited. Chosen type is *L. P.* Ward, Woodley Park, Washington, D. C. 1881.

= *P. dichotomum* L. Man. U. S.

Panicum dictyoneurum Fig. & DeNot. Mem. Acad. Sci.

Torino II. 14: 329. pl. 8. 1854. (Separate 1853).

"In regione kordofan Nubiae superioris."

[Africa]

= *Brachiaria dictyoneurum* Fig. & De Not. in Stapf

Panicum didactylum (Willd.) Kunth, Rev. Gram. 1: 33.

1829; Enum. Fl. 1: 84. 1833.

Based on "*Digitaria didactyla* Willd. Enum."

Ins. Borbon. (Bory de St. Vincent) Indian Ocean

Panicum didistichum Mez, Notizbl. Bot. Gart. Berlin

7: 63. 1917.

"Nicaragua, prope Grenada (Lévy n. 1124)."

Gr. Centr. Amer. p. 650.

Panicum didymostachyum Steud. Syn. Fl. Glum. 1: 97.

1854.

"Leprieur legit in "Senegambia"

= *Digitaria gayana* Stapf.

Africa

Panicum difforme Roth in Roem. & Schult. Syst. Veg.

2: 433. 1817.

"Roth, nov. plant. spec. mss....In India orientali."

Roth, Plant. Sp. Ind. Orient. 52. 1821.

= *Cyrtococcum trigonum* (Retz.) Stapf fide Bor. Kew Bull. 1954: 547.

Panicum diffusulum Salzm. ex Steud. Syn. Fl. Glum.

1: 89. 1854.

"Bahia" Brazil

= *P. rostellatum* Trin.

Panicum diffusum Swartz, Prodr. Veg. Ind. Occ. 23. 1788.

"Jamaica, Hispaniola"

West Indies

Man. W. I.

Panicum diffusum var. *genuinum* Doell in Mart. Fl. Bras. 2(2): 199. 1877.

Based on *Panicum diffusum* Swartz

Jamaica or Hispaniola

Panicum diffusum var. *subcontractum* Doell in Mart. Fl. Bras. 2nd: 199. 1877.

"Guarda Mór (Pohl, n. 2435) etinter Fazenda Jardim et Capivary, prov. Minas Geraes (Regnell III. n. 13666; ...in St. Eustachii insula (Forström)."

Brazil, - Danish W. I.

Panicum Digitaria Poir error in key for *Paspalum*

Digitaria Poir. as given in Laterr. Ami. des

Champs 329. 1825.

= *Pasp. distichum*

Panicum digitarioides Rasp. ex Kunth, Enum. Fl. 1: 53.

1833.; Nom. Bot. ed. 2. 2: 255. 1841, as syn. of

Paspalum Michauxianum.

[reference to "Bull. Soc. Linn. Bordeaux 197" is error. In this serial 1: 45. 1826, is a paper by Des Moulins on *Pasp. digitaria*. This reviewed in Dierbach, Repert. Bot. 1: 69. 1831, and name appears as "*Paspalum digitariae* Poiret, *Panicum digitariae* Raspail."]

= *Pasp. distichum*

Panicum digitarioides Carpenter ex M. A. Curtis, Amer.

Journ. Sci. II. 7: 410. 1849, as syn. of *P.*

carinatum Torr.; Carpenter in Steud. Syn. Fl. Glum.

1: 75. 1854 (published here).

"Am. sprtr." [type, Louisiana, Carpenter]

= *P. hemitonon* Schult. Man. U. S.

Panicum digitatum Gilib. Exerc. Phyt. 2: 517. 1792.

[locality cited is for *P. digitatum*?]...prope Orodnam, [Lithuania], in humidis Labna, Lugdunea, [Lyons, France, herb. here]

Lithuania

Panicum dilatatum Steud. Syn. Fl. Glum. 1: 39. 1854.

"Courtallum"

= *Digitaria corymbosa* fide Henr. p. 239-240.

India

Panicum dimidiatum L. Sp. Fl. 57. 1753.

Habitat in India

Basis of *Stenotaphrum dimidiatum* (L.) Brongn.

Panicum dimidiatum L. misapplied by Burm.f. Fl. Ind.

25. pl. 8. f. 3. 1768.

India

Panicum dimidiatum L. misappl. by Walt. Fl. Carol.

72. 1788. Not L. 1753.

"South Carolina. Referred by Elliott to *P. walteri*!"

= *P. hemitonon* Schult. Man. U. S.

Panicum Dinklagei Mez, Bot. Jahrb. Engler 57: 190. 1921.

"Liberia (Dinklage n. 2282)"

Africa

Panicum dioecum Spreng. Syst. Veg. 1: 322. 1825.

"Patria? (P. melicoides et poaeforme Foir.)"

Panicum disciferum Fourn. in Hemsl. Biol. Centr. Amer. Bot. 3: 488. 1885, nom. nud.; Fourn. Mex. Fl. 2: 19. 1886. "San Luis de Potosí (Viri n. 1292)"

= *Brachiaria plantaginea* (Link) Hitchc.

Panicum discolor Beller, Fl. Nov. Herb. Spreng. Cent. 4. 1807; Spreng. Mant. Fl. Hal. 31. 1807.

Not in A.S.H. Bur. Notes. Unidentifiable from descr. Species in *Dicanthelium*

"Pennsylvania"

Unidentified Names in Man. I
Man. II

Panicum discolor Spreng. misappl. by Muhl. Descr. Gram. 114. 1817.

"Penns."

Unidentified Man. U. S.

Panicum discolor Trin. ex Nees, Agrost. Bras. 144. 1829. Not Spreng. 1807.

"Habitat in fruticetis umbrosis prope Tejuco. Floret Decembri. 4. Anderexé lusit. (a Langsdorff.)"

Brazil

= *P. penicillatum* Trin. 1826.

Panicum discrepans Doell in Mart. Fl. Bras. 2^o: 252. 1877.

"In vicinia Santarem prov. Pará (Spruce n. 602, *Panicum* n. 7"); in prov. Goyazensi (Gardner n. 3510) prope S. João d'el Rey, Paracatu et S. Luzia prov. Minas (Pohl n. 904). In Guiana gall. (Leprieur)."

Man. W. I.

Brazil

Panicum disjunctum Steud. Syn. Fl. Glum. 1: 417. 1855.

"Boivin legit in Madagascar"

Panicum dispar (Trin.) Trin. Mém. Acad. St. Petersb. VI. Sci. Nat. 1: 331. 1834.

Steud. Syn. Fl. Glum. 1: 96. 1854 same basis

Based on *Isachne dispar* Trin.

Nepal India

Panicum dispersum Lam. Tabl. Encycl. 1: 173. 1791.

"Ex Amer. merid. Com. D. Richard."

South America

Basis of *Isachne dispersa* (Lam.) Doell

Panicum dispersum Trin. Mém. Acad. St. Pétersb. VI. Sci. Nat. 1: 282. 1834.

"V. spp. Bahiens"

See A.S.H. Bur. Notes (with his notebooks) 2: 113.

= *P. rugulosum* Trin.

South America

Panicum dissectum L. Sp. Pl. 57. 1753.

"Locality erroneously given as Indiis, the type in the Linnaean Herbarium being from North America, collected by Palm"

Basis of *Paspalum dissectum* (L.) L. Man. U. S.

Panicum dissitiflorum Steud. Nom. Bot. ed. 2. 2: 255.

1841, nom. nud.; Syn. Fl. Glum. 1: 51. 1854, as

syn. of *Setaria rariflora* Presl 1830, not Nikan 1821

Acapulco, Mex.

= *Setaria liebmanni* Fourn.

Panicum dissitiflorum Vasey in S. Wats. Proc. Amer.

Acad. 24: 80. 1889, nom. nud. Not Steud. 1841, nom. nud.

159, 190 Dr. E. Palmer 1887.

Deep ravines & irrigating ditches about Guaymas, Mex.

= *P. arizonicum* S. M. Man. U. S.

Panicum distachyum L. Mant. Fl. 2: 183. 1771.

"Habitat in India orientali, Boenig."

Basis of *Brachiaria distachya* (L.) Stapf.

Panicum distachyum var. *brevifolium* Wight. & Arn. ex

Hook.f. Fl. Brit. Ind. 7: 37. 1896.

"Wight Cat. n. 1612a"

India

Panicum distachyum var. *pseudodistachyum* (Hayata)

Honda, Bot. Mag. Tokyo 37: 25. 1923.

Based on *Panicum pseudodistachyum* Hayata

Garanbi (Kawakami. 1904. Oct.)

Formosa. Japan.

Panicum distachyum var. *trichophorum* Domin, Bibl. Bot.

85: 306. 1915.

"Queensland: am Fusse des Smelling Bluff bei Chillagoe (Domin II. 1910).--Am Dietrich No. 2606, 2608."

Australia

Panicum distans Willd. ex Spreng. Syst. Veg. 1: 305.

1825, as syn. of *Setaria disticha* Humb.

T in Willd. Hb., coll. Humb. & Bonpl.

H. & C. *Panicum* 113.

= *P. pilosum* Sw.

Panicum distans Trin. Gram. Icon. 2: pl. 172. 1829.

"Figura ad specimen e Nova Hollandia."

Australia

Panicum distans Salzmann in Steud. Syn. Fl. Glum.

1: 61. 1854. Not Trin. 1829.

"(Hrbr. Bahien.)" "Bahia." Brazil

Panicum distantiflorum A. Rich. in Sagra, Hist. Cuba 11: 304. 1850.

"Crescit in graminosis montosis insulae Cubae."

Man. W. I.

Panicum distichophyllodes Mez, Bot. Jahrb. Engler

34: 137. 1904.

"Niger-Gebiet (Barter n. 1367)."

Afr. trop.

Panicum distichophyllum Trin. Gram. Pan. 147. 1826.

"V. sp. ad Accra Afric. 1. (Sabine)"

Africa

= *Brachiaria distichophylla* (Trin.) Stapf

Panicum distichophyllum (Spreng.) Nees, Agrost. Bras. 234. 1829. Not Trin. 1826.

Aira distichophylla Spreng.

Brazil

Panicum distichum Lam. Encycl. 4: 731. (err. typ. 741). 1796.

"Jamaïque" W. I.

= *P. pilosum* Sw.
H. & C.

Panicum distichum Gaudich. ex Steud. Nom. Bot. ed. 2. 2: 255. 1841, as syn. of *P. glabrum* Gaud.

o

Panicum distichum var. *lanceifolium* Griseb. Fl. Brit. W. Ind. 548. 1864.

Trinidad, Grueger

= *P. milleflorum* Hitchc. & Chase

Panicum distichum var. *luxurians* Meyer, Nov. Act.

Acad. Caes. Leop. Carol. 12: 768. 1825.

Surinam

Title varies. Same as Leop. Carol.

Panicum distichum var. *pilosum* (Swartz) Griseb. Fl.

Brit. W. Ind. 548. 1864.

Based on *P. pilosum* Swartz

Jamaica

= *P. pilosum* Sw.
H. & C.

Panicum divaricatisimum R. Br. Prodr. Fl. Nov. Holl. 192. 1810.

(J) "Apud Portum Jackson, inclusis ripis aestuarii Hunter's River vel Coal River."

"(T.) Littora Novae Hollandiae intra tropicum."

= *Digitaria divaricatisima* (R. Br.) Hughes

Australia

Panicum divaricatisimum var. *ammophilum* (F. Muell.)

Benth. Fl. Austral. 7: 468. 1878.

Based on "*P. ammophilum* F. Muell."

= *Digitaria ammophila* (F. Muell.) Hughes

W. Australia

Panicum divaricatisimum var. *glaberrimum* Benth. Fl. Austral. 7: 468. 1878.

"Queensland. Rockhampton & neighbourhood, Thoet, O'Shanesy; Peak Downs, Burkitt; Darling Downs, Law."

= *Digitaria divaricatisima* (R. Br.) Hughes
fide Hughes

Australia

Panicum divaricatisimum var. *macroctinium* (Benth.)

Domin, Bibl. Bot. 85: 293. 1915.

Based on *P. macroctinium* Benth.

= *Digitaria macroctinia* (Benth.) Hughes

Queensland, O'Shanesy; ---Bowman; ---Beckler; Leichardt's coll.

Australia

Panicum divaricatissimum var. *normale* Benth. Fl.

Austral 7: 468. 1878.

Referred to as varieties.

"Queensland, Keppel Bay, R. Brown
N. S. Wales. Port Jackson, R. Brown."

= *Digitaria divaricatissima* (R. Br.) Hughes

Australia

Panicum divaricatissimum var. *radiatum* (R. Br.) Benth.

Fl. Austral. 7: 468. 1878.

Based on "P. radiatum R. Br." Not D. radiata
(Roth) Spreng.

Basis of *Digitaria tonsa* Hughes.

Port Jackson Hunter's River vel Coal River

Australia

Panicum divaricatum L. Syst. Nat. Ed. 10. 2: 871. 1759.

No loc. given, but given in Moen. Acad. 5: 392.
1759 from Jamaica.

Basis of *Lasiacis divaricata* (L.) Hitchc.

Panicum divaricatum Michx. Fl. Bor. Amer. 1: 50. 1803.

Not L. 1759.

"Hab. in exoelsis montibus umbrosis Carolinae."

= *Pestuca obtusa* Bieler Man. U. S.

Panicum divaricatum "Kunth, Rev. t. 29" ex Griseb.

Fl. Brit. W. Ind. 552. 1864, as syn. of P.

martiniense Griseb. Not L. 1759.

Kunth (T. 29) is P. "divaricatum Humb. et Kunth, Nov.
Gen. 1. p. 101." In latter place this is given as
P. "divaricatum Lamarck"
(P. divaricatum Linn.?)

= *Lasiacis sorghoidea* (Desv.) H. & C.

Martinique

Panicum divaricatum Presl ex Griseb. Fl. Brit. W. Ind.

551. 1864, as syn. of P. *Sloanei* Griseb. Not L.
1759.

Presl (Rel. Haenk. 306) gives "Lam" as author

= *Lasiacis sloanei* (Griseb) Hitchc.

Jamaica

Panicum divaricatum var. *agglutinans* (Kunth)

(spelled adglutinans) Hack, ex Sodiro, Anal. Univ.

Quito 1889: 5. 1889; as new Hack. Ergeb. Bot.

Exped. Akad. Wiss. Sudbras. 13. 1906.

Based on P. *agglutinans* Kth.

= *Lasiacis*

"Amer. merid. Insula Franciae" error

Panicum divaricatum var. *glabrum* Kuntze, Rev. Gen. Fl.

2: 784. 1891.

"St. Thomas, Portorico, Venezuela: La Guayra."

= *Lasiacis divaricata* probably

Panicum divaricatum var. *lanatum* Schlecht. & Cham.

Linnaea 6: 33. 1831.

"P. lanatum Vahl, Hb. W[ildd. Herb.] No. 18760
(spec. Swartz.)." [unpublished]

Lasiacis sp.

Jamaica

Panicum divaricatum var. *latifolium* Schlecht. & Cham.

Linnaea 6: 33. 1831.

Cites: P. *orinocense* Hb. W. 18766, fol. 23, P.
maculatum Robb. in Weigelt pl. Surin. exs. P. *fusum*
Sieb. fl. Mart. exs. n. 29, P. *airoides* Sieb.
Agrost. no. 120 (e nova Hollandia? !)

No loc. cited--Described in article of plants from
Mex. collected by Schiede & Deppe

= *Lasiacis sorghoidea* (Desv.) H. & C.

Panicum divaricatum var. *latifolium* Pourn. Mex. Fl.

2: 33. 1886. Not Schlecht. & Cham. 1831.

"Papantla (Harw. n. 973 b)....Vera Cruz (Harw.)"---
Liebmann 280, 282, 290,---Botteri 1205;---Bourgeau
1459.

= *Lasiacis sorghoidea*

Mex.

Panicum divaricatum var. *molle* Schlecht. & Cham.

Linnaea 6: 33. 1831.

No loc. cited [Described in article on plants from
Mex. Vera Cruz to Jalapa [Linnaea 4: 205. 1829]
coll. 1828 by Schiede & Deppe]

= *Lasiacis* "villosa-pubescent" --- Only description

Panicum divaricatum var. *puberulum* (Lam.) Griseb. Fl.

Brit. W. Ind. 551. 1864.

Based on "P. glutinosum Lam.

"Amer. merid. Ins. Franciae."

Lasiacis ligulata H. & C. [error]

Panicum divaricatum L. var. *puberulum* Sodiro, Anal.

Univ. Quito 1889: 5. 1889, name only. Not Griseb.

"Bosques de la reg. subandina" Ecuador

= *Lasiacis ligulata* A.S.H.

Panicum divaricatum var. *stenostachyum* Griseb. Fl.

Brit. W. Ind. 551. 1864.

"Jamaica Al., Wils., March---(M.A.)"

= *Lasiacis divaricatum* (L.) Hitchc.

Man. W.I.

Panicum divergens H.B.K. Nov. Gen. & Sp. 1: 102. 1816.

"Crescit in pascuis prope Chillo, Sangolqui et
Conocoto. (Regno Quitensi)."

[Bonpland]

Ecuador

= P. *glutinosum* Swartz

Panicum divergens Muhl. ex Ell. Bot. S.C. & Gs. 1: 130.

Dec. 1816. Name only, Muhl. Cat. Fl. 9. 1813.

(Muhl. Desor. Gram. 120. 1817)
later

"Grows in very dry, sandy soils, rare. About
Beaufort. Dr. Trescott found it also near Charleston"

= *Leptoloma cognatum* (Schult.) Chase Man. U. S.

South Carolina

Panicum divergens Afzel. ex Swartz, Adnot. Bot. 5.

1829, not Muhl. 1813; as syn. of *Panicum afzelii*

Sw.

Africa

Panicum diversinerve Nees, Fl. Afr. Austr. 23. 1841.

"In umbrosis sylvarum ad Port Natal, infra 200' alt.
(Drège)"

= *Digitaria diversinervis* (Nees) Stapf

S. Africa

Panicum divisum Omel. Syst. Nat. 156. 1791.

No loc. cited.

Pennisetum

Panicum djalense Chevalier, Rev. Bot. Appl.

14: 27. 1934.

"Guinée française: lit de la rivière Mafin à
Dalaba, 1350 m. d'altitude (O. Caille) 18139 bis"

French Guinea. Africa

Panicum Doelli Mez, Bot. Jahrb. Engler 56 (Beibl.

125): 6. 1921.

Based on *Panicum minutiflorum* Doell (non alior)
[i.e. Rasp.]; this basis of P. *doelli* Mez 1921 and
P. *hylaicum* Mez 1917.

reg. Amazon pr. Santarem, Spruce 720*; ad Ilha
grande de Santarem (Spruce 347, 436, 10612.

Brazil

Panicum dolichadenotrichum A. Camus, Bull. Soc. Bot.

France 108: 161. 1961.

Madagascar: Nord-Ouest, forêt d'Orangea près Diégo-
Suarez, à basse altitude (Humbert, 47).

Panicum doloense Vanderyst, Bull. Agr. Congo Belge

10: 245. 1919.

"région agricole du Bas-kasaï. Dolo, kinshasa"

Congo-belge. Africa

Panicum domingense Zuccagni in Roemer, Coll. Bot. 123.

1809.

"e seminibus-----e St. Domingo"

= *Digitaria villosa*? Man. W. I.

Panicum donacifolium Raddi, Agrost. Bras. 44. 1823.

"in sepibus prope fossas udas in vicinis Rio-
janeiro."

= *Hymenachne donacifolia* (Raddi) Chase

Brazil

Panicum dorsisetum Hack. ex Dur. & Schinz, Consp. Fl.

Afr. 5: 748. 1894, nom. nud.

Transvaal, Rehm. 5121, 5355.

Panicum Dregeanum Nees, Fl. Afr. Austr. 42. 1841.

"Ad Port Natal, ad Ostia Omsamculo fluvii, in
vallecula inter Ontento et Omsamculo, alt. situs
a 100-400' (Drège.)"

South Africa

Panicum drosocarpum Stapf, Journ. de Bot. 19: 104.

1905.

§ Eu-Panicum

"Fobeguin 541"

"Guinée française: kouroussa"

= P. *lindleyanum* Nees fide Stapf

Panicum Drummondii Nees ex Steud. Syn. Fl. Glum.

1: 63. 1854.

"Drummond legit in N. Orleans" [574]

= P. *gymnocarpon* Ell. Man. U.S.

Panicum Drummondii Vasey, Contr. U. S. Nat. Herb.
2: 499. (1894) Not Nees 1854.

error in Ind. kew. for *Paspalum* which see
= *Paspalum langei* (Fourm.) Nash Man. U. S.

Panicum dubium Lam. Encycl. 4: 743. 1798.

"Ce panic croît naturellement à l'île-de-France dans les bois, où il a été recueilli par Commerson. (V.s.) Il croît aussi dans l'Inde, ce qu'indique l'herbier de Vaillant."

[= *P. brevifolium* L. fide Stapf, Fl. Trop. Afr. 9: 732. 1920.

Mauritius Isl. Ind. Ocean

Panicum dubium (Roem. & Schult.) Steud. Nom. Bot.
ed. 2. 2: 256. 1841. Not Lam. 1798.

Based on "*Echinochloa dubia* R. S."

Coromandel---India

Panicum dubium Sieber ex Steud. Nom. Bot. ed. 2.
2: 256. 1841, as syn. of *P. crus galli*.

Echinochloa

Panicum Duchassaingii Steud. Syn. Fl. Glum. 1: 93.
1854.

"Duchassaing legit in Guadeloupe."

W. I.

= *Trichachne insularis* (L.) Nees Man. W. I.

Panicum dumetorum A. Rich. ex Steud. Syn. Fl. Glum.
1: 49. 1854.

"(sec. spec. in Hrbo. Mougeot.)"

"Ins. Antillae"

= *Setaria setosa* (Swartz) Beauv. Man. W. I.

Panicum dumus Desv. Opusc. 88. 1831.

"Habitat in America calidiori."

? = *P. yadkinense* Ashe Man. U. S.

Panicum durum Griseb. Mem. Amer. Acad. n. ser. 8: 533.
1862.

Cuba, Wright. "(1539)"

= *Soutachne dura* (Griseb.) Hitchc.

Man. W. I.

Panicum Dusenii Hack. Repert. Sp. Nov. Fedde 8: 513.
1910.

"(*Eupanicum*)"

"Brasilia, Paraná, Roca Nova in ruderatis leg.
P. Dusen, 18. III. 1909 sub no. 7911."

Panicum Earlei Nash, Bull. Torrey Club. 26: 571. 1899.

"Type collected at Auburn, Lee Co., Alabama, May
7, 1898, by F. S. Earle and C. F. Baker, No. 1532."

= *P. curtifolium* Nash Man. U. S.

Panicum eatoni Nash, Bull. Torrey Club 25: 84. 1898.

"Seabrook, N. H."....collected by Alvah A. Eaton

= *P. spretum* Schult. Man. U. S.

Panicum eburneum Trin. Mém. Acad. St. Pétersb. VI.
Sci. Nat. 1: 268. 1834.

"V. sp. Nepal."

[India]

Panicum eccentricum Hitchc. & Chase ex Rojas, Revist.
Jard. Bot. Paraguay 2: 164. 1930, without descr.

"Rojas No. 2745. Campo altura San Salvador
Febrero 1917. Paraguay."

= *P. quadriglume* (Doell) Hitchc.

Panicum echinatum Willd. Enum. Fl. 1032. 1809.

"Habitat in America meridionali."

= *Echinochloa crusgalli* (L.) Beauv. in Manual U.S.

Note in Manual: "Wiegand takes up this name for *Echinochloa crus-pavonis*. The specimen in the Willdenow Herbarium named *P. echinatum* (Magdalena, Colombia, Humboldt) is *Pseudechinochloa polystachya* (H.B.K.) Stapf. The brief description does not apply to the specimen so named nor to *E. crus-pavonis*. Willdenow differentiates the species from *P. crusgalli* (with "glumis aristatis hispidis") by "glumis aristatus muricato-echinatus," whereas in *E. crus-pavonis* the glumes are less strongly hispid than in *E. crusgalli*.

Panicum echinatum Willd. err. det. Trin. Gram. Pan.
137. 1826. cited as syn. *Panicum crusgalli* L.

✓ *Racemis inferioribus compositis*:

"*Panicum echinatum* Willd."

"*Echinochloa echinata* R. et S. II p. 479."

V. spp. Cauc. Astrach. et co.

In Trin. Gram. Icon. 2: pl. 162. 1829 is: "*Panicum crus galli* var. *longisetum* Trin. based on "*Panicum echinatum* Tr. Diss. II. p. 137 [same as Gram. Pan. 137. 1826]---Figura ad specimen Astrachanense."

Panicum echinatum Sieber in Nees, Agrost. Bras. 258.
1829.

[nom. nud. not Willd.] "Parae (Sieber)" cited under *echinatum*.

Brazil

Panicum echinatum Willd. ex Doell in Mart. Fl. Bras.
22: 193. 1877, as syn. of *Panicum uncinatum* Raddi
"nom Jacquin"

= *Pseudechinochloa polystachya* (H.B.K.) Stapf.

Brazil

Panicum echinochloa Steud. Nom. Bot. ed. 2. 1: 316.
[1840] in syn. sphalm. = seq.

seq. l.o. is [*Panicum*] *Echinochloa*, Nees, Agrost. Bras. 128. = *Echinochloa hirta*."

Error in Ind. Kew 2: 413. 1894. Not in Steud. Nom. Bot. ed. 2. 1: 316. 1840. Not found under *Panicum*, *Echinochloa*, nor *Echinochloa* in Steud. Nom. Bot. 1. 1821, nor under these names in ed. 2.

Panicum echinochloa Dur. & Schinz, Consp. Fl. Afr.
5: 748. 1894.

Based on *Echinochloa divericata* Anderss.

Mozambique, Tette, East Africa

"may be species of *Brachiaria*"---Stapf

Panicum Echinolaena Nees, Agrost. Bras. 128. 1829.

"*P. Echinolaenam glabrum*, ad quod Humboldtii.
...Habitat in Brasilia meridionali (Sellow) (Vidi in Herb. Reg. Berol)."

= *Echinochloa inflexa* (Poir.) Chase

Panicum Echinolaena var. *ciliatum* Nees, Agrost. Bras.
128. 1829, nom. nud. No description

= *Echinochloa inflexa* (Poir.) Chase

Southern Brazil

Panicum Echinolaena var. *glabrum* Nees, Agrost. Bras.
128. 1829, nom. nud.; ex Doell in Mart. Fl. Bras.
2(2): 180. 1877.

= *Echinochloa inflexa* (Poir.) Chase
Southern Brazil

Panicum Echinolaena var. *pilosum* [incorrectly attributed to Nees by] Doell in Mart. Fl. Bras. 2(2): 180. 1877.

Doell refers to "Nees, Agrost. Bras. l.o." but not published there, probably error for *E. villosum* Nees p. 128.

Brazil

Panicum Echinolaena var. *tomentellum* Doell in Mart.
Fl. Bras. 2(2): 180. 1877.

Brazil (Ceará) (Gardner n. 1887)"

= *Echinochloa inflexa* (Poir.) Chase

Panicum Echinolaena var. *velutinum* Doell in Mart. Fl.
Bras. 2(2): 180. 1877.

Without definite locality

Brazil

= *Echinochloa inflexa* (Poir.) Chase

Panicum echinolaenam var. *villosum* Nees, Agrost. Bras.
128. 1829, without descr.

"in campis siccis ad Taubaté, nec non ad Sabara,
provinciarum S. Pauli et Minas."

Brazil

= *Echinochloa inflexa* (Poir.) Chase

Panicum echinulatum Mez, Notizbl. Bot. Gart. Berlin
7: 62. 1917.

"Paraguay, in ripis lapidosis fluminis Paraguay
prope L'Assomption (Balansa n. 34)."

T

Panicum echinulatum var. *boliviense* Henr. Med. Rijks
Herb. Leiden no. 40: 50. 1921.

"In einem Fotrero bei Santa-Cruz ...Jan. 1911 (no.
3004)." [Herzog. Bolivia]

Panicum Eklonii Nees, Fl. Afr. Austr. 43. 1841.

"In monte Katriviersberg alt. V. et VI. ultra
sylvaram terminos (Terra Caffrorum) legit Eklon;
in monte quodam inter flumina Katrivier et
Klipplaatsrivier alt. VI. (4500-5000') locis paludo-
sis, (Drège)."

S. Africa

Panicum equalorense Mez, Bot. Jahrb. Engler 56
(Beibl. 125): 3. 1921.

"Ecuador (Eggers n. 15064)."

= *P. polygonatum* Schrad.

Panicum effusum R. Br. Prodr. Fl. Nov. Holl. 191.
1810.

"(T.) Littora Novae Hollandiae intra tropicum."

Panicum effusum var. *convallium* (F. Muell.) Benth. Fl.
Austral. 7: 488. 1878.

Based on "*P. convallium* F. Muell."

Australia

Panicum effusum var. *hispidissimum* Domin, Bibl. Bot.
85: 322. 1915.

"Nord-Queensland: durre Karsthügel bei Mungana im
Chillagoo-Distrikt (Domin, II. 1910)."

Australia

Panicum effusum var. *subleptophyllum* Domin, Bibl. Bot.
85: 322. 1915.

"Süd-Queensland: Tambourine Mountains (Domin, III.
1910)."

Australia

Panicum Eggersii Haek. Oesterr. Bot. Zeitschr. 51: 292.
1901.

"Insula Antillarum St. Thomas ad Cowells Hill
(70 m) leg. Eggers (Fl. exs. Ind. oco. ed. Toepfer
nr. 295)."

= *Trichachne Eggersii* (Haek.) Henr. 1930

= *Digitaria Eggersii* (Haek.) Henr. 1950.

Panicum egregium Mez, Bot. Jahrb. Engler 56(Beibl. 125):
5. 1921.

"Insel Nossibé (Boivin)."

Africa

Basis of *Chaseochloa egregia* (Mez) A. Camus.

T

Panicum Eickii Mez, Bot. Jahrb. Engler 57: 185. 1921.

"Usambara (Eick n. 113)". Africa

T

Panicum elatius L.f. Suppl. Pl. 107. 1781.

"Habitat in Malabar." India

India

Panicum elatior[us] Kunth, Rev. Gram. 1: 38. 1829.
Not L. 1781.

Based on "*Panicum altissimum* Mey"

Essequibo [Brit. Guiana]
(Hof van Holland)

(*P. megiston* Schult)

= *P. mertensii* Roth
H. & C.

Panicum elatum Willd. ex Steud. Nom. Bot. ed. 2.
2: 256. 1841, nom. nud.

"South America, Humboldt"

= *P. hirsutum* Swartz Man. U. S.

Panicum elegans Wight & Arn. ex Steud. Nom. Bot. ed. 2.
2: 256. 1841.

Based on *Sphaerocarpon elegans*, Nees hrb.

India

See Nees ex Steud. Nom. Bot. ed. II. 2: 620. 1841;
Hook. Fl. Ind. 7: 246. 1896.

Fossil

Panicum elegans Elias, Bull. Univ. Kans. 33: 342. pl.
28. f. 2a, 2b, 2c, 4. 1932. Not Wight & Arn. 1841.

sec. 21, T. 14 S., R 39 W. Wallace Co. Kans.
"mortar beds" of Ogallala formation. Tertiary.

U.S.

Panicum elegantissimum Hook.f. Fl. Brit. Ind. 7: 52.
1896.

"Malay Peninsula; Perak, Ridley."

Panicum elegantulum Mez, Notizbl. Bot. Gart. Berlin
7: 59. 1917.

"Nouvo-Caledonia, in silvis prope Bourail (Balansa
n. 893), ad fluvii Dotio ripas (Balansa n. 3586)."

Panicum elegantulum Suksdorf, Werdenda 1: 16. 1927.
Not Mez 1917.

"Am Nordufer des Spokane Flusses bei Spokane Bridge
im östlichen Washington 14 Sept. 1916, Nr. 9069;
ferner im Garten gezüchtete von Nr. 9069 stammende
Pflanzen, Bingen, Washington, 8. Sept. 1924,
nr. 11792."

= *P. capillare* L. Man. U. S.

Panicum elephantipes Nees in Trin. Gram. Pan. 206.
1826; Nees, Agrost. Bras. 165. 1829.

Description in Trin. Gram. Pan. 206. 1826, very
inadequate; see Nees, Agrost. Bras. 165. 1829.

"V. sp. imperfectum (radix Jubae) Brasil. (N. ab.
Esenb.)."

Nees: "Archipelagi Paraënsis" [straits of Breves]

Para, Brazil

Panicum eliasi A. B. Leonard, Univ. Kansas Science
Bull. 38 pt. 2, pl. 1, f. 1-18, 1398. 1958.

"Types.--Holotype, catalogue no. 9975; 15 paratype
examples, catalogue no. 9976, from type locality.
Collected 30 June 1955 by A. B. Leonard and John C.
Frye, original number, A. B. Leonard, 752."

Panicum eligulatum N. E. Brown, Trans. Linn. Soc.
Bot. II. 6: 73. 1901.

"Summit of Mount Roraima...McConnell & Quelch 675."
aff. *Panicum loreum* Trin.

British Guiana [South America]
Valid in Grasses Brit. Guiana

Panicum elliottianum Schult. Mant. 2: 256. 1824.

Based on *P. gibbum* Ell.; name changed because of
P. gibbosum Brown

= *Sacciolepis striata* (L.) Nash. Man. U. S.

[South Carolina and Georgia]

Panicum elliottii Trin. ex Nees, Agrost. Bras. 170.
1829, as syn. of *P. proliferum* Lam. [misapplied to
P. dichotomiflorum]

cited sub *P. dichotomiflorum* Michx. Man. U. S.

Panicum Elliottii Spreng. ex Steud. Nom. Bot. ed. 2.
2: 256. 1841, as syn. of *P. pubescens*.
Not Trin. 1829.

Unidentified Names Man. U. S.

Panicum elongatum Salisb. Prodr. Stirp. 18. 1796.

Based on "*Panicum italicum* L."

= *Setaria italica*

Panicum elongatum Pursh, Fl. Amer. Sept. 1: 69. 1814.
Not Salisb., 1796.

"New Jersey to Virginia" [Type Delaware. Given in
Manual]

= *P. stipitatum* Nash Man. U. S.

Panicum elongatum Peir. in Lam. Encycl. Suppl.

4: 278. 1816. Not Salisb., 1796, nor Pursh, 1814.

"croît au Brésil (V. n. in herb. Desfont.)."

= *Setaria poiretiana* (Schult.) Kunth Man. U. S.

(A.S.H. Eur. Notes 1: 132. *Setaria*. With field
notebooks)

Brazil

P. poiretianum Schult. based on this.

Panicum elongatum Mez, Bot. Jahrb. Engler 34: 132.

1904. Not Salisb. 1796, Pursh 1814, nor Peir. 1816

"Congobiet (Demeuse n. 102)."

= *Rhynchelytrum nerviglume* (Franch) Chiov. fide
Stapf.

Africa

Panicum elongatum var. *ramosior* Mohr, Contr. U. S.
Nat. Herb. 6: 357. 1901.

"Alabama: Damp cultivated ground.
Mobile County, Pierce's Landing." [Mohr]

= *P. agrostoides* Spreng. Man. U. S.

Panicum elytroblepharum Steud. in Zoll. Syst. Verz.

Pfl. Ind. Archip. 54. 1854, name only; Miquel, Pl.

Ind. Bat. 3: 439. error in Ind. Lew. [*Digitaria*

elytroblephara Steud. in Zoll. Cat. p. 54 sub *Panicum*

nom. nud.--type is type of *Panicum eminens* Steud. =
Digitaria eminens (Steud.) Backer

East Indies

Panicum elytrochaetum Haek. Oesterr. Bot. Zeitschr.
47: 77. 1897.

"Inter flumina Rio dos Couros et Rio Ficarao, 18-1,
1895, Olaziou nr. 22454."

Brazil

= *Mesosetum elytrochaetum* (Haek.) Swallen

Panicum emergens Hochst. Flora 38: 196. 1855.

"(Hb. abyss. Buch. nr. 1180)" [Schimper Coll. in
1853]

Africa

Panicum emergens Doell in Mart. Fl. Bras. 2: 269.
1877. Not Hochst. 1855.

"prope S. Carlos provinciae S. Pauli (Riedel n. 1961"

Brazil

Panicum eminens Steud. Syn. Fl. Glum. 1: 43. 1854.

"Zollinger Hrbr. nr. 2783. Java."

Panicum Eminii Mez, Bot. Jahrb. Engler 34: 135. 1904.

"Centralafrikan. Seengebiet: Muansa Kafuro
(Stuhlmann n. 1815, 4663)."

German East Africa

Panicum endolasion Mez ex Peter, Repert. Sp. Nov.
Fedde Beih. 40: 173 & Anhang, 24. pl. 19. f. 1.
1930.
"Mez in Herbar. Berlin (1819)."
Deutsch-Öst Afr. Ngulu: Kalongwe westl. Nyahua...
Peter 34630 "specimina authentica"

Panicum engleri Mez ex Peter, Repert. Sp. Nov. Fedde
Beih. 40: 201. 1930, without descr.

Deutsch Ost Afr. Konde: Rungwe Regenwald...
Stolz 1218!
T U.S.

Panicum enneaneurum Griseb. Abh. Ges. Wiss. Göttingen
19: 261. 1874.

"Tucuman, pr. Siambon (Peru: Lechl. pl. peruv.
2430)" [Lorentz & Hieron.]
"Mixture"---A.C.
Argentina-South Amer.

Panicum ensifolium Baldw. ex Ell. Bot. S. C. & Ga.
1: 126. 1816.

"Grows in damp soils, flourishing through the winter
Georgia. Dr. Bal[d]win."

Man. U. S.

Panicum Ensini Trin. Gram. Pan. 230. 1826.

"America] bor[calis] (Trattinick, e collect.
Ensini)."

= *P. commutatum* Schult. Man. U. S.

Panicum epacridifolium Stapf, Kew Bull. Misc. Inf.
1919: 266. 1919.

"Madagascar. On rocks near Antsirabe, 2000 m.,
Ferrier de la Bathie. Central Madagascar, without
precise locality, Baron 4318."

Panicum epilifolium Nash, Bull. Torrey Club 26: 571.
1899.

"scrub hammock at Eustis, Lake Co., Florida, March
12-31, 1894, no. 45." G. V. Nash.

= *P. equilaterale* Scribn. Man. U. S.

Panicum equilaterale Scribn. U. S. Dept. Agr. Div.
Agrost. Bull. 11: 42. pl. 2. 1898.

"Scrubby hammock lands [Eustis], Florida (No. 1674,
George V. Nash, August, 1894)," the second specimen
cited, but type because plate is drawn from this."

Man. U. S.

Panicum equinum Salzm. ex Steud. Syn. Fl. Glum.
1: 67. 1854.

"Salzmänn in Bahia et Rengger in Paraguay."

= *P. purpurascens* Raddi

Panicum equisetum Nees ex Doell in Kart. Fl. Bras.
20: 206. 1877. As syn. *P. megistum* Schult.

"Nees ab Esenbeck in herb. Reg. Berolensis
schedula."

= *P. mertensii* Roth.

Panicum equitans Hochst. ex A. Rich. Tent. Fl. Abyss.
2: 365. 1851.

"in pl. Schimp. Abyss., sect. III, no. 1608."

.... "et in paludosis planities montanae dictae
Walcha, in provincia Sana," (Schimper)."

Africa

T in Types

= *Echinochloa colonum*

Panicum erectifolium Nash, Bull. Torrey Club 23: 148.
1896.

Based on *P. sphaerocarpon floridanum* Vasey...not
P. floridanum Trin.

Florida Man. U. S.

Panicum erectum Follacoi, Atti Ist. Bot. R. Univ.

Favia n. ser. 13: 228. pl. 5. 1908.

(See Bot. Centralbl. 29: 313. 1908. a weed in rice
fields, Italy; introd. from China with rice)

"In agris Oryza sativa cultis." "prope Papiam
(Italia)."

See Pan. (5 Echinoc.) phyllopogon Stapf. 1901.

Panicum erianthum Poir. in Lam. Encycl. Suppl. 4: 284.
1816.

"Cette plante croît a la Caroline, où elle a été
observée par M. Bosc. (V. s. in herb. Desf.)"

= *Anthraenantia villosa* Man. U. S.
A.S.H. 1: 122

Panicum eriochrysoideis Fritsch. Io. Ind. 1: 795, error
for *P. eriochrysoideis* Nees

Brazil

= *Mesosetum ferrugineum* (Trin.) Chase

Panicum eriochrysoideis Nees ex Trin. Gram. Pan. 160.
1826, as syn. of *P. ferrugineum* Trin.

"*Panicum eriochrysoideis* N. ab Es. in litt.
V. spp. Brasil. (Langsdorff)"

Nees (Agrost. Bras. 103. 1829) publishes this as
new species (with "*Panicum ferrugineum*, Tr. in litt."
as synonym) "Habitat in Brasilia meridionali.
(Sellow-Vidi in Herb. Reg. Berol.) In campis glar-
eosis prope St. Lucia, prov. Minar.---Langsdorff.
(Herb. Ac. Imp. Petrop. et Trin.)"

= *Mesosetum ferrugineum* (Trin.) Chase

Panicum eriogonum Schrad. Fl. Hort. Götting. fasc. 1;
ex Schult. Mant. 2: 253. 1824.

"Nova Hollandia"

= *Digitaria eriogona* Link 1827.

Panicum eriogonum Desv. Opusc. 89. 1831. Not Schrad.
1824.

"(P. pubescens minor Poir. Encyc. suppl. 4. p. 272)"

"[Habitat in America calidiari] error]"

Based on *P. pubescens* var. minor Poir.

desc. does not identify

= *Brachiaria* see Old World type

Panicum eriophorum Schult. Mant. 3 (Add. 1): 591. 1827.

Based on *P. lanuginosum* Bosc.

Ga.

= *P. scabriusculum* Ell. Man. U. S.

Panicum eriophorum Link ex Nees, Agrost. Bras. 148.

1829, as syn. of *Panicum hoffmannseggii* Nees

= *Ichnanthus Hoffmannseggii* (Roem. & Schult.) Doell

Brazil

Panicum errabundum Hitchc. Contr. U. S. Nat. Herb.

22: 494. f. 85. 1922.

"Type in the U. S. National Herbarium, no. 1038930,
collected in moist savanna, Parika, British Guiana,
Nov. 19, 1919, by A. S. Hitchcock (no. 16817)."

Panicum erubescens Willd. Enum. Pl. 1031. 1809.

"Habitat in insula St. Thomae Americae."

= *Pennisetum setosum* (Swartz) L. Rich. Man. U. S.

Panicum eruciforme J. E. Smith in Sibth. Fl. Graec.
1: 40. pl. 59. 1806.

"In arvis circa Junonis templum in insula Samo."
[Samos Is. Greece]

= *Brachiaria eruciformis* (J. E. Smith) Griseb.
Man. U. S.

Panicum eruciforme var. *brevifoliata* Coincy in Morot,
Journ. de Bot. 8: 208. 1894.

"près la gare de Bobadilla (Espagne), le 7 juin
1893."

= *Brachiaria*

Spain

Panicum eruciforme var. *mexicana* Vasey ined. as syn.

Panicum isachne var. *mexicana* Beal, Grasses N. Amer.
2: 114. 1896.

no specimen in U. S. Nat. Herb.

probably *Brachiaria eruciformis* (J. E. Smith)
Griseb.

Panicum erythrocarpon Ashe, Journ. Elisha Mitchell
Soc. 16: 90. 1900.

"The type material was collected by the writer on
the sand hills of New Hanover County, N. C., May
19, 1899."

= *P. ovale* Ell. Man. U. S.

Panicum erythrospermum Vahl ex Hornem. Enum. Pl. Hort.

Hafn. Suppl. 3: 7. 1809. Deser., no loc. "

Hort. Hafn. 1: 82. 1813.

"Hab.-----"

* "seminibus laevibus" points to *Setaria italica*.

Panicum erythrospermum Hornem. ex Kunth, Enum. Pl.

1: 153. 1833, as syn. of *Setaria italica* Kunth

Panicum esculentum A. Br. Ind. Sem. Hort. Berol. App.
3. 1861.

"É seminis a Th. Schottmüller, expeditionis
navalis Borussiae hortulano, e Japonia, ubi prope
Jeddo et Jokuhama colitur, missis provenit."

[grown from seed in Berlin garden]

[Jeddo former name of Tokyo]

Panicum esenbeckii Steud. Syn. Fl. Glum. 1: 90. 1854.

"P. laterale Nees" Agrost. Bras. "212", error for
213. Brasil, not Fresl, Peru, though Nees cites
"*Panicum laterale* Presl, Herb. Haenk."

Referred by Doell to *Olyra nana* Doell

Brazil

= *Olyra nana* Doell

Basis of { *Raddia nana* (Doell) Chase

{ *Raddiella nana* (Doell) Swallen

Panicum euchlamydeum Shinnars, Amer. Midl. Nat.

32: 170. 1944.

Sandy slope, PH 7.5, 12 miles southeast of Adams,
Adams Co., Wisconsin, L. H. Shinnars & C. G. Shaw
4415, June 28. 1942 (in Herb. University of Wiscon-
sin; duplicate in Gray Herb., U. S. Nat. Herb.,
Herb. University of Minnesota, and Herb. Milwaukee
Public Museum.)

"P. pseudopubescens of Deam, Grasses of Indiana,
p. 282. 1929."

Panicum euchroum Steud. Syn. Fl. Glum. 1: 98. 1854.

"Ind. or."

Panicum euryphyllum Peter, Abh. Ges. Wiss. Göttingen Math. Phys. Kl. N. F. 13⁴: 45. 1928, in key, in German.

See also: Peter, Repert. Sp. Nov. Feide Beih. 40: 170, 176 & Anhang, 27. Pl. 10. f. 1. 1930.
"Deutsch-Ost. Afr. Handel: Maramba → Hwele → Tanga
....Peter 20724."

Panicum exaratum Trin. Gram. Pan. 160. 1826.

"V. spp. Brasil. (Langsdorff)."

= *Nesosetum exaratum* (Trin.) Chase

Panicum exasperatum Nees ex Steud. Syn. Fl. Glum. 1: 62. 1854.

"Nees (mpt.)."

"Guinea"

Africa

Panicum excavatum Henr. Repert. Sp. Nov. Fedde 23: 179. 1926.

"Paraguay: Guarapi, in silvis, anno 1881, leg. Balansa no. 2947. Typus speciei in Herb. Lugd. Batav. sub no. 908, 92-2318."

Panicum excelsum Nees, Agrost. Bras. 180. 1829.

"Habitat in Brasilia meridionali. (Sellow.) Vidi in Herb. Reg. Berol."

T = *P. rivulare* Trin.

Panicum excelsum Spreng. ex Steud. Nom. Bot. ed. 2. 2: 256. 1841, as syn. *Pasp. barbigerum*. Not Nees 1829.

Brazil presumably

Panicum excurrens Trin. Gram. Icon. 1: 89. 1827.

"Specimen Nepalense"

[India]

Panicum exiguilorum Griseb. Cat. Fl. Cuba 234. 1866.

Based on "*P. minutiflorum* A. Rich." ex descr. non Hochst.

Cuba

W. I. Grasses

Panicum exiguum Mez, Bot. Jahrb. Engler 56(Beibl. 125): 3. 1921.

"Brasilien, Minas Gera's (Hosén n. 4571)."

T

Panicum exile Steud. Nom. Bot. ed. 2. 2: 256. 1841.

Based on "*Oplismenus tenuis* Presl."

= *Iohnanthus tenuis* (Presl) H. & C.

[Haenke ?]

Mexico, Panama

Panicum exile (Kipp.) Stapf ex Chevalier, Expl. Bot. Afr. Occ. Franç. 1: 726. 1920.

Presumably based on *Paspalum exile* Kippist

(Afzelius)

Sierra Leone, Africa

= *Digitaria exilis* (Kipp.) Stapf

Panicum expansum Trin. ex Steud. Nom. Bot. ed. 2.

2: 256. 1841, nom. nud. Not Fourn. 1886.

"Trin. Mpt. Mexico."

= *P. rugulosum* Trin.
H. & C.

Panicum expansum Fourn. in Hensl. Biol. Centr. Amer.

Bot. 1: 488. 1885, nom. nud.; Fourn. Mex. Fl.

2: 26. 1886.

"Huitamalco (Liebm. n. 426)."

= *P. cordovense* Fourn.
H. & C. *Panicum*

Panicum extensum Desv. Opusc. 84. 1831.

"(P. prostratum Delil. flor. Aeg. ill. 1. p. 51. excl. syn. Lank.)"

"Habitat in Aegyptia inferiori."

Panicum extensum Steud. Syn. Fl. Glum. 1: 72. 1854.

"Hrbr. Cuming. nr. 652 et ? 2409."

"Ins. Philip."

Panicum extensum Nees ex Steud. Syn. Fl. Glum. 1: 39. 1854, as syn. of *P. dilatatum* Steud.

Described as *Paspalum sanguinale* (L.) Lam. var. *extensum* Hook.f. Fl. Brit. Ind. 7: 15. 1896. "*Pan. extensum* Nees & Arn. in Wight Cat. n. 2340 (which is *Pan. dilatatum* Steud. l.c. 39)"

= *Digitaria corymbosum* (Roxb.) Merr. & D. setigera Roth ? see letter, Bor, June 9, 1953.

India

Panicum falcatum J. F. Gmel. Syst. Nat. 163. 1791.

Not L. 1753.

Based on "*P. latifolium* Aubl. pl. guiana

French Guiana

Panicum falciferum Trin. Gram. Pan. 127. 1826; Gram.

Icon. 2: 147. 1829.

"V. sp. ad Acora Afric. 1. (Sabine)."

= *Brachiaris falcifera* (Trin.) Stapf

Panicum fallax Spreng. Nachr. Bot. Gart. Halle 1: 30. 1801.

"Aegypten"

Panicum fallax Kunth, Rev. Gram. 1: 35. 1829.

Not Spreng. 1801.

"Brasilia"

Panicum falsum Steud. Syn. Fl. Glum. 1: 67. 1854.

"Ins. Cuba."

= *Trichachne insularis* (L.) Nees

Man. Gr. W. I.

Panicum fasciculare Schrad. ex Kunth, Enum. Fl. 1: 80. 1833, as syn. of *P. schradleri* Kunth; Trin. Mém. Acad. St. Pétersb. VI. Sci. Nat. 1: 199. 1834.

"*Panicum bifasciculatum* Trin. *P. Schradleri* Kunth
.... *Digitaria villosa*"
"V. cc." cited.

Digitaria

Panicum fasciculatum Swartz, Prodr. Veg. Ind. Occ.

22. 1788.

"Jamaica"

Man. U. S.

In Swartz, Fl. Ind. Occ. 1: 145. 1797, descr. slightly changed from that in Swartz, 1788, Prodr. Ind. Occ. 22, but Prodr. 22 is cited.

Man. West Indies

Panicum fasciculatum Lam. Encycl. 4: 731. (err. typ. 741) 1798. Not Swartz 1788.

"....dans l'herbier du Muséum, est vraisemblablement originaire de la Jamaïque."

Panicum fasciculatum Hort. ex Trin. Gram. Pan. 76. 1826, as syn. of *P. bifasciculatum* Trin.

Digitaria

Panicum fasciculatum Swartz misappl. by Griseb. Abh. Ges. Wiss. Göttingen 7: 263. 1857.

"= *P. maximum* Jacquin fide Griseb. Fl. Brit. W. Ind. 549. 1864.

Panicum fasciculatum var. *Carthaginense* (Swartz) Doell. in Mart. Fl. Bras. 2^o: 205. 1877.

Based on *P. carthaginense* Sw.

= *P. fasciculatum* Sw. Man. W. I.

Chartagena [Colombia]

Panicum fasciculatum dissitiflorum Vasey ex Scribn. & Merr., U. S. Dept. Agr. Div. Agrost. Circ. 32: 2. 1901, as syn. of *P. arizonicum*. Not *P. dissitiflorum* Steud. 1854, as syn. only.

"Fringle 465. Santa Cruz, Ariz."

= *P. arizonicum* Scribn. & Merr. Man. U. S.

Panicum fasciculatum var. *flavesceus* (Swartz) Doell. in Mart. Fl. Bras. 2^o: 205. 1877.

Based on *Panicum flavesceus* Swartz

= *P. fasciculatum* Sw.
H. & C. *Panicum*, Man. W. I.

Panicum fasciculatum var. *fusum* (Swartz) Doell. in Mart. Fl. Bras. 2^o: 205. 1877.

Based on *Pan. fusum* Sw.

= *P. fasciculatum* Sw. Man. U. S.

Panicum fasciculatum var. *genuinum* Doell. in Mart. Fl. Bras. 2^o: 204. 1877.

Based on *P. fasciculatum* Swartz

= *P. fasciculatum*

Panicum fasciculatum var. *major* (Vasey) Beal, Grasses N. Amer. 2: 117. 1896.

Based on "*P. fusum* var. *major* Vasey."

= *P. arizonicum* Scribn. & Merr.

Chihuahua, Mexico. Palmer lb. 1885

Man. U. S.

Panicum fasciculatum var. *reticulatum* (Torr.) Beal, Grasses N. Amer. 2: 117. 1896.

Based on *P. reticulatum* Torr.

Red River, Texas

Man. U. S.

Panicum fasciculatum var. *strictum* Doell in Hart. Fl.
Bras. 26: 205. 1877.

Mexico

[differs from var. *carthaginense* in culms strictly erect.]

....Humboldt, coll. in Mexico

= *P. fasciculatum* Sw?

Panicum fasciculiflorum Steud. Nom. Bot. ed. 2.
2: 256. 1841.

Based on "*P. fasciculatum* Lam. (non Sw.)"

Jamaica

? *Oplismenus*

Panicum fasciculiforme Mez, Bot. Jahrb. Engler 34: 141.
1904.

"Comoren (V. D. Deeken, Schmidt n. 142)."

Africa

Panicum fastigiatum Poir. in Lam. Encycl. Suppl.
4: 277. 1816.

Based on *P. fasciculatum* Swartz

= *P. fasciculatum* Swartz in Hitchc. Man. W. I.

Jamaica, W. I.

Panicum fatmense Steud. & Hochst. ex Steud. Nom. Bot.
ed. 2, 2: 256. 1841, nom. nud.; Syn. Fl. Olum.
1: 100 1854, as syn. of *Helopus acrotrichus* Steud.

= *Eriochloa prosera* in Stapf

Africa

Panicum fatuum Fig. & DeNot. Mem. Accad. Sci. Torino II
14: 346. 1854. (Separate 1853)

"In Nubia superiore ad flumen caeruleum"

[Africa]

Panicum fauriei Hitchc. Mem. Bishop Mus. 8: 182. f. 71.
1922.

"Type in the U. S. National Herbarium, no. 950341,
collected at Halawa, Island of Hawaii, June, 1909,
by Abbé Faurie (no. 1318)."

Panicum fenestratum Hochst. Flora 24 (Intell. 1): 19.
1841, nom. nud. ex A. Rich. Tent. Fl. Abyss. 2: 361.
1851.

"in pl. Schimp. Abyss., sect. 1, no. 85."

...."in locis incultis prope Adoua....(Schimper)."

= *Digitaria fenestrata* (Hochst.) Rendle

Africa

Panicum ferrugineum Trin. Gram. Pan. 159. 1826.

"Brasil (Langsdorff)"

Basis of *Mesosetum ferrugineum* (Trin.) Chase

Panicum ferrugineum (Nees) Kunth, Rév. Gram. 1: 39.
1829. Not Trin. 1826.

Based on "*Trichachne ferruginea* Nees ab Esenb."

Monte Video Sellow
Uruguay

T

= *D. phaeothrix* (Trin.) Parodi

Panicum ferventicola Schmolli, Madroño 5: 92. 1939.

"Wyoming. Yellowstone National Park; growing in
fine gravel in warm soil close to a boiling spring,
the plants bathed in hot vapor, forming dense pros-
trate mats, five miles north of Norris Geyser Basin,
Aug. 10, 1908, Agnes Chase, Amer. Gr. no. 137, U.S.
(type, G; isotypes, U. C. 184265, F. 414079)."

= *P. thermale* Boland.

Man. U. S.

Panicum ferventicola var. *papillosum* Schmolli, Madroño
5: 94. 1939.

"Alberta. Banff, on a declivity wet with water
from hot spring, July 21, 1914, A. S. Hitchcock,
Amer. Gr. no. 220, U.S. (G, type; F. 427157 isotype)"

= *P. thermale* Bol. Man. U. S.

Panicum ferventicola var. *sericeum* Schmolli, Madroño
5: 93. 1939.

"Wyoming. Yellowstone National Park: in wet ground
about hot springs, Mammoth Hot Springs, July 21,
1889, A. & E. Nelson 6037 (R M 20108 type, G)...."

= *Panicum thermale* Bol. Man. U. S.

Panicum festuciforme Hochst. ex Hook. f. Fl. Brit. Ind.
332. 1896, herbarium name under *Centotheca lappacea*
Desv.

"Hochst. Fl. Ind. Gr. Hohenack, n. 363--*Panicum*,
Wall. Cat. n. 8708." cited.
List

= *Centotheca latifolia*

Panicum festucoides Poir. in Lam. Encycl. Suppl.
4: 283. 1816.

"Cette plante croît dans les Indes orientales.
(V. s. in herb. Desv.)"

Desvaux [Opusc. 98. 1831] gives this name and ref-
erence but with "Desv." as author, as basis of
"*Tridonia festucoides*---Crescit in America boreali"

? = *Tridens flavus* (L.) Hitchc. Man. U. S.

Panicum fibrosum Hack. Oesterr. Bot. Zeitschr. 51: 332.
1901.

"Sampson, bei Canton (White Cloud Hills)"

type in U.S.

= *Digitaria setifolia* Stapf fide Hack ipse

China

Panicum fiebrigii Hack. Repert. Sp. Nov. Fedde
8: 46. 1910.
(= *Digitaria*)

Paraguay: *Paraguaria septentrionalis*, a. 1909, leg.
Fiebrig no. 5371, 5375 in Herb. Hassler.

= *Digitaria fiebrigii* (Hack.) A. Camus

Panicum figarei Tod. Ind. Sem. Hort. Panorm. 33. 1866.

"Ex Aegypto semina benevole misit Cl. Figari"

Africa

Panicum figarianum Chiov. Bull. Soc. Bot. Ital.
1917: 60. 1917.

Abissinia: ...presso Djeladjeranne....(Schimper
1840, ex herb. Figari).

[Africa]

Panicum filamentosum Pers. Syn. Fl. 1: 83. 1805, as
syn. of *P. capillaceum* Lam.

P. capillaceum = *P. trichoides* Sw.
H. & C.

Panicum filicaule Stapf in Frain, Fl. Trop. Afr.
9: 675. 1920.

"Upper Guinea. French Guinea: Fouta Jallon, between
Memon and Trebeleyia, Chevalier, 8622 bis."

Africa

Panicum filiculme Hack. ex Schinz, Bull. Herb. Boiss.
3: 377. 1895.

"Natal: inter Pinetown et Umbilo (Rehm. 8049)."

"aff. *P. leptocaulum* Trin."

Africa

Panicum filiculme Ashe, Journ. Elisha Mitchell Soc.
15: 59. 1898. Not Hack. 1895.

"Dry soil, middle North Carolina to Georgia in the
Piedmont plateau region ---North Carolina: Ashe;
Chapel Hill, 1898. Georgia: Small; Stone Mt.,
Aug. 1895."

= *P. meridionale* Ashe Man. U. S.

Panicum filiferum Garcke ex Sagorski & Schneid. Fl.

Centralkarp. index 37. 1891. error for *P. filiforme*

Garcke, this based on *Digitaria filiformis* (L.)

Koel. based on *Panicum filiforme* L.

N. Amer. Kalm

= *Digitaria filiformis* (L.) Koel.

Panicum filiforme L. Sp. Pl. 57. 1753.

"In America septentrionale. Kalm"

= *Digitaria filiformis* (L.) Koel. Man. U. S.

Panicum filiforme L. misappl. by Jacq. Obs. Bot.
3. 18. pl. 70. 1764-1771. Not L. 1753

Panicum filiforme L. misappl. by Poir. Voy. Barb.
2: 93. 1789. Not L. 1753.

Africa

Panicum filiforme (Koel.) Garcke, Fl. Deutschl. ed. 2.
360. 1851. Not L. 1753.

Based on "*Digitaria filiformis* Koel."

"N. Amer."

Panicum filipes Scribn. in Heller, Contr. Herb. Frankl.
Marsh. Coll. 1: 13. 1895. Feb. 6.

"Growing in rich shaded ground in the upper part of
the 'arroyo' at Corpus Christi". Texas Coll. A.A.
Heller 1809.

Man. U. S.

Panicum filiram[eu]m Ashe, Journ. Elisha Mitchell
Soc. 16: 88. 1900.

"Sandy woods, eastern North Carolina. Type material
collected in New Hanover County, N. C., in June
1899." [Ashe, Coll.]

= *P. aciculare* Desv. Man. U. S.

Panicum fimbriatum Willd. ex Spreng. Syst. Veg. 1: 316.
1825, as syn. of *P. viscidum* Ell. [*P. scoparium*
Lam.] "Carolin. austr."

A specimen so named in the Willdenow Herbarium is
P. albomaculatum Scribn. from Mexico, collected by
Humboldt.

Under Unidentified Names in Man. U. S.

See A.S.H. Bur. Notes 2: 89 (with his field books)

Panicum fimbriatum (Link) Kunth, Rev. Gram. 1: 33.
1829.

Based on "*Digitaria fimbriata* Link."

Brazil

= *Digitaria sanguinalis* (L.) Scop. Man. U. S.

Panicum fimbriatum (Link) Presl, Rel. Haenk. 1: 298.
1830. [see Kunth 1829]

Based on *Digitaria fimbriata* Link. Brazil
but misapplied to specimen "Acapulco, Mex. et ad
Monte-Rey, Californiae" collections by Haenke
= *Digitaria*

Panicum fimbriatum var. *setigerum* (Roth) Fourn. Mex.
Fl. 2: 18. 1886.

"*Digitaria setigera* Roth." misapplied
Fourn. sp. Unidentified Names Man. U. S.

Panicum firmandum Steud. Syn. Fl. Glum. 1: 418. 1855.

"M. A. Curtis misit
"Carolina sptr."

= *Panicum polyanthes* Schult. Man. U. S.

Panicum firmiculme Mez, Notizbl. Bot. Gart. Berlin
7: 65. 1917.

"Ceylon (Thwaites n. 895 ex p.)."

Panicum firmifolium Trin. ex Nees, Agrost. Bras. 220.
1829, as syn. of *P. cyanescens* Nees "Trin. Herb."

Brazil

Panicum firmulum Hitchc. & Chase, Contr. U. S. Nat.
Herb. 15: 27. f. 9. 1910.

U. S. National Herbarium no. 592755, ----Elsordo.
Zapata County, Texas, by David Griffiths (no. 6446):
Man. U. S.

Panicum firmum Kunth, Rev. Gram. 1: 37. 1829.

Based on *Milium pungens* Torr.
New York

= *Oryzopsis pungens* (Torr.) Hitchc. Man. U. S.

Panicum firmum Areschoug, Svensk. Freg. Eugenie's Mesa
Bot. III: 116. 1910. Not Kunth, 1829.

Ecuador: circa Guayaquil, N. J. Andersson, collector
= *P. elephantipes*
Andes Gr.

Panicum fischeri Bor, Kew Bull. 257. 1956.

Ind. Or.: Madras State; Nilgiris, Kullar, 450 m.,
Aug. 1886, J. S. Gamble 17814; ibidem, Oct. 1889,
750 m. J. S. Gamble 21388 (Typus in Herb. Kew.).

"the rachilla is produced beyond the insertion of the
upper floret, --- is strap-shaped, membranous and ends
in a small point. It was present in each of ten
spikelets, 5 taken from each plant.

Panicum fistulosum Hochst. ex Steud. Syn. Fl. Glum.
1: 71. 1854.

"Surinam" Hrbr. Pappler nr. 1434."
= *P. elephantipes* Nees
H. & C.

Panicum flabellatum Steud. Syn. Fl. Glum. 1: 53. 1854.

Cites: "*Agrostis flabellata* Salzm." name only.
"Bahia" Brazil-South Amer.
= *Setaria*

Panicum flabellatum Fourn. Bull. Soc. Bot. France II.
27: 293. 1880. Not Steud. 1854.

"Omotèpe" [Nicaragua Lévy]

Central America

= *P. hirticaule* Presl in Centr. Amer. Grasses

Panicum flaccidum (R. Br.) Steud. Nom. Bot. ed. 2.
2: 256. 1841.

Based on *Orthopogon flaccidum* R. Br.

= *Oplismenus*

Port Jackson - Hunters River
Australia

Panicum flacciflorum Stapf in Frain, Fl. Trop. Afr.
9: 654. 1920.

"Mozambique Distr. German East Africa: Unyamwezi;
Mikinda (4° S. Lat.), 3800 ft., Grant!"

Africa

Panicum flaccourtii A. Camus, Bull. Soc. Bot. France
72: 449. 1925.

"Madagascar centr.: Mont Tsaratanana, (Perrier
de la Bâthie, no. 16163)."

Panicum flavescens Swartz, Prodr. Veg. Ind. Occ. 23.
1788.

"Jamaica"

= *P. fasciculatum* Sw. Man. U. S.

Panicum flavescens Moench, Meth. Fl. 206. 1794.
Not Swartz 1788.

"post messem copiose in agris"

Setaria

Narburg [Austria Hungary]

Panicum flavescens Sieber ex Presl, Abh. Böh. Ges.
Wiss. 3: 550. 1845.

[Presl, Bot. Bemerk. 120 -- separate form of above
is not in Washington]

Guayaquil (Regno Quit.) Ecuador

"est *Eriochloa polystachya* H.B.K.", fide Sieb. Fl.
Mart. n. 384.

Panicum flavidum Retz. Obs. Bot. 4: 15. 1786.

"E Zeylona misit honor. König."

Ceylon

Panicum flavidum var. *jubiflorum* (Trin.) Domin, Bibl.
Bot. 85: 300. 1915.

Based on *P. jubiflorum* Trin.

Australia

Panicum flavidum var. *crarium* Domin, Bibl. Bot.
85: 300. 1915.

"Queensland: auf den Felsen am Cape Grafton bei
Yarraba (Domin, I. 1910)."

Australia

Panicum flavidum var. *tenuior* Benth. Fl. Austral.
7: 474. 1878.

"Queensland, N. S. Wales."

Australia

Panicum flavo-marginatum Mez, Bot. Jahrb. Engler
56(Beibl. 125): 2. 1921.

"Paraguay (Balansa n. 10)."

T is *Virgata* group

Panicum flavovirens Nash, Bull. Torrey Club 26: 572.
1899.

"Type collected by the writer in Lake Co., Florida,
June 16-30, 1895, no. 2061."

Man. U. S.

Panicum flavum Nees ex Trin. Gram. Fan. 162. 1826,
as syn. of *P. glaucum* L.

India

Panicum flavum Nees, Agrost. Bras. 238. 1829.

"In graminosis provinciae Piauiensis, tum in campis
ad Joazeiro provinciae Pernambucensis et Bahiensis.
.... (Vidi in Herb. cl. Schreberi)"

= *Setaria*

Panicum flexile (Gattinger) Scribn. in Kearney, Bull.
Torrey Club 20: 476. 1893.

Based on *P. capillare* var. *flexile* Gattinger
Tenn.
Man. U. S.

Panicum flexirameum Steud. Nom. Bot. ed. 2. 2: 254.
1841.

P. capense Spreng. referred to *P. flexirameum*
nom. nud.

Panicum flexuosum Retz. Obs. Bot. 3: 9. 1783.

"in Agris Oryzaceis passim obvenerint habui ab
amicis. König."

India

Panicum flexuosum Raf. Journ. de Bot. Desv. 4: 273.
1814. Not Retz. 1783.

"Dans le nouveau Jersey"

Unidentified Names in Man. U. S.

Panicum flexuosum Willd. ex Schult. Mant. 3(Add. 1):
591. 1827, as syn. *P. capense*. Not Retz. 1783.

"Herb. Willd."

Panicum flexuosum Muhl. ex Scribn. & Merr. U. S. Dept.
Agr. Div. Agrost. Circ. 27: 3. 1900. Not *P.*
flexuosum Retz. 1783, nom. nud.

"Name only for specimen in Muhlenberg Herb. (See
"(174)" Hitchcock, Barton 14: 39. 1932.)"--
Manual

= *P. mattamuskeetense* Ashe Man. U. S.

Panicum floribundum L. Rich. ex Lam. Encycl. 4: 742.
1798, as syn. of *P. cayennense*

= *P. cayennense* Lam.
H. & C.

Panicum floribundum Willd. ex Spreng. Syst. Veg.
1: 306. 1825, not L. Rich. 1798; as syn. of
Setaria floribunda Spreng.

Ind. Or.

Panicum floridanum Trin. Ném. Acad. St. Pétersb. VI. Sci. Nat. 1: 248. 1834. Not *Paspalum floridanum* Michx.

"V. spp. Florid. Alabam."

= *Paspalum bifidum* Man. U. S.

Panicum floridanum Chapm. Fl. South. U. S. ed. 3. 585. 1897. Not Trin. 1834.

Presumably based on *P. sphaerocarpon* var. *floridanum* Vasey

= *P. erectifolium* Nash Man. U. S.

Panicum ? *floridum* "Retz. Willd. ex Beauv. Ess. Agrost. 169. 1812. Evidently an error for *P. flavidum* Retz. included in Willdenow's *Species Plantarum*

Panicum fluitans Retz. Obs. Bot. 3: 8. 1783.

"Misit Claris. Koenig."

India

Panicum fluitans Brickell ex Muhl. Desor. Gram. 126. 1817, as syn. of *P. aquaticum* Muhl.

= *Sacciolepis striata* (L.) Nash Man. U. S.

Panicum fluminense Hack. Oesterr. Bot. Zeitschr. 51: 457. 1901.

"Brasilia: Rio de Janeiro, Glazion nr. 14397."

T

Panicillata group

Panicum fluviicola Steud. Syn. Fl. Glum. 1: 89. 1854.

"Ad fluvium Gabon legit Jardin in Guinea"

valid in Stapf

Africa

Panicum foliaceum Steud. Nom. Bot. ed. 2. 2: 256. 1841, error

"*foliaceum* Steud. *loliaceum*" p. 259. *P. foliaceum* Steud. listed sub *P. loliaceum* Lam. 1791 is from Philippines, Commers.

P. loliaceum Lam. 1791 is from Philippines, Commers. "aff. *P. hirtello*" i.e. *Oplismenus hirtellus* (L.) Beauv.

Panicum foliolosum Wall. List n. 8680. 1849, nom. nud.

[Specimen in Delessert is 8680 basis of *Ichnanthus foliolosus* Munro; Hook.f.]

Burma, India

Panicum foliosum R. Br. Prodr. Fl. Nov. Holl. 191. 1810.

(T.) "Littora Novae Hollandiae intra tropicum."

Australia

Panicum foliosum var. *petiveri* (Trin.) Benth. Fl. Austral. 7: 481. 1878.

Based on "*P. petiveri* Trin."

India or.

Panicum fonticolum Swallen, Mem. N. Y. Bot. Gard. 9: 260. 1957.

Type: on waterfall, in spray, Culebra Creek, alt. 1500-1600 m, Cerro Duida, Rio Cunucuma, Amazonas, Venezuela, November 21. 1950. Bassett Maquire, R.S. Cowan & John J. Wurdack 29636; U. S. National Herbarium no. 2,040,215.

② ?

Panicum Forbesianum Nees in Steud. Syn. Fl. Glum.

1: 98. 1854. "Nees mss."

"Royle herbr. nr. 31. Nepal."

Basis of *Setaria forbesiana* (Nees) Hook.f.

India

Panicum forbesii Hitchc. Mem. Bishop Mus. 8: 199.

f. 88. 1922.

"Type in the U. S. National Herbarium, no. 1038972, collected on the banks of Kawaikoi and 'Aiakoali streams, in the Waimea drainage basin, Kauai, Hawaiian islands, July 3 to Aug. 18, 1917, by C. N. Forbes (no. 1052)."

Panicum formosana (Rendle) Makino & Nemoto, Fl. Jap. 1471. 1925.

Based on *Digitaria formosana* Rendle

= " " " "

Formosa: Apes' Hill, Takow (Henry 1941) Mus. Brit. Herb. Kew

Panicum formosana var. *hirsuta* (Honda) Makino & Nemoto, Fl. Jap. 1472. 1925.

Based on *Syntherisma formosana* var. *hirsuta* Honda

= *Digitaria formosana* var. *hirsuta* (Honda) Henr.

Formosa: Bakyu (Hayata 1919); Fukibi (Hayata 1919)

Panicum Forskålilii C. Chr. Dansk Bot. Arkiv 48: 12. 1922.

M. name for *Phalaris velutina* Forsk.

Egypt; Arabia

Panicum fragile Kunth, Rév. Gram. 1: 36. 1829.

Change of name of *P. divergens* Muhl. --no description.

Based on *P. divergens* Muhl.

= *Leptoloma cognatum* Man. U. S.

South Carolina

Panicum Francavillanum Fourn. ex Hemsl. Biol. Centr. Amer. Bot. 3: 489. 1885, nom. nud.

Based on "Fourn. Mex. Pl., Gram. p. 25. "unpublished" Fourn. Mex. Pl. 2: 25. 1886. "Tacubaya Schaffn. n. 301)."

= *P. dichotomiflorum* Michx. H. & C. Pan.

Panicum Francoi Steud. Syn. Fl. Glum. 1: 44. 1854.

"Franco legit in Oaxaca."

"Oaxaca" Mexico

= *Oplismenis burmani* (Retz) Beauv.

Panicum frapperi A. Camus, Bull. Soc. Bot. France 99: 143. 1952.

La Reunion, Frappier, nos. 197, 198, 199, 200. herb. Museum Paris.

Pseudolasia A. Camus

Panicum fraudulentum Steud. Syn. Fl. Glum. 1: 419. 1855.

"Boivin legit in Ins. Bourbon."

Mascarenes, Indian Ocean

Panicum Frederici Rendle, Cat. Afr. Fl. Welw. 2: 180. 1899.

"Fungo Andongo ... No. 7410...7422...7432...2850, 2872, 2874. [coll. Welwitsch]

Builla...In damp pastures...No. 2671."

Angola Africa

Panicum frederici var. *minor* Rendle, Cat. Afr. Fl. Welw. 2: 181. 1899.

No loc. cited

Angola Africa

Panicum friesii Hack. ex R. E. Fries, Nov. Act. Soc. Sci. Upsal. IV. 1: 170. 1905.

"Prov. Jujuy: prope Huancar ad Salinas grandes in fissuris rupium 3500 m. s. m. (20 Nov. 1901; Fr. 803)

South Amer. Argentine Republic

= *Trichachne* ined.

Panicum frondescens G. Meyer, Prim. Fl. Esseq. 56. 1818

"In graminosis umbrosis insulae Arouabisch"

Meyer, Esseq. T
H. & C. *Panicum*

Grasses Ecuador, Peru, & Bol.

[British Guiana]

Panicum frondescens Meyer, Schult. Mant. II p. 236. Trin. Gram. Icon. 2: pl. 218. 1829.

error in determination, not *P. frondescens* Meyer

"*Panicum palustre* Trin. Diss. II p. 181" cited under above name. Plate 218 agrees with description of *P. palustre* Trin.

"Figura ad specimen Brasiliense"

Panicum frumentaceum Salisb. Prodr. Stirp. 18. 1796.

Based on *Holcus sorghum* L. this basis of *Sorghum vulgare* Pers.

Man. U. S.

India

Panicum frumentaceum Roxb. Hort. Beng. 7. 1814, without descr.; Fl. Ind. ed. Carey 1: 307. 1820. Not Salisb. 1796.

"only found in a state of cultivation"

Basis of *Echinochloa frumentacea* Link and of *crusgalli* var. *frumentacea* (Roxb.) W. F. Wight.

Man. U. S.

Panicum frumentaceum Franch. & Sav. var. *compactum* Skvortzow, Lingnan Sci. Journ. 6: 205. 1928.

"North Manchuria, China"

Panicum frumentaceum Franch. & Sav. var. *elongatum* Skvortzow, Lingnan Sci. Journ. 6: 205. 1928.

"North Manchuria, China."

Panicum frutescens Mez, Bot. Jahrb. Engler 57: 186. 1921.

"Arabien (Ellenbeck n. 18); Somaliland (Brookman)"

Panicum fruticosum Salzm. ex Doell in Mart. Fl. Bras.

284 207. 1877, as syn. of *P. latifolium* L. (mis-applied.)

Based on "*Panicum fruticosum* Salzm. Herb. Bahiense n. 695." Mentioned by Steud. Syn. Fl. Glum. 1: 74. 1854 as syn. of *P. praegrans* Steud. A different species from Oaxaca, Mex., *L. sorghoidea* (Desv.) H. & C. ? T. fragmentary.

= *Lasiacis ligulata* H. & C.

Panicum fugax Omel. Syst. Nat. 1: 162. 1791.

"Koenig Naturf. 23. p. 209." cited. *Semi-nudu*

Panicum fulgens Stapf in Prain, Fl. Trop. Afr. 9: 668. 1920.

"Upper Guinea...MacGregor 166!

Nile Land....Dummer, 593!....Fyffe 159! Maitland 48, 4B!

Lower Guinea. Lecomte, C. 23!....Gillet 478! 659!

Africa

Panicum fulgens var. *pubescens* Robyns, Mem. Inst. Colon.

Belge (Sep. Sci. Nat. & Med.) 1: 41. 1932.

"District du Haut-Ubangi et Uele: Entre Niangara et Wamba...juin 1931, Lebrun 3198." first cited

Belgian Congo

Panicum fulgidum Hughes, Kew Bull. Misc. Inf. 1923:

323. 1923.

Based on *P. bicolor* R. Br.non Moench.

Portum Jackson, Hunter's River vel Coal River
Australia

Panicum fultum Hack. Repert. Sp. Nov. Pedde 6: 342.

1909.

"Uruguay: Montevideo...ad fl. Rio de la Plata (Arechavaleta) Paraguay:...pr. Caragatay, ... Hassler no. 3124."

T
South Amer.

"(aff. *P. demisso* Trin.)"

Panicum funaense Vanderyst, Bull. Agr. Congo Belge

10: 248. 1919.

"région agricole du Bas-kasai: Wombali (dans les Marais), octobre 1913 (no 2, 496); bords de la Funa (no 6436)." [Vanderyst, Coll.]

Congo Africa

Panicum Funckianum Steud. Syn. Fl. Glum. 1: 77. 1854.

"Funck hrbr. nr. 112. Guana-guana Columbiæ."

T = *P. olyroides*

Panicum funstoni Scribn. & Merr. U. S. Dept. Agr. Div.

Agrost. Circ. 35: 4. 1901.

"Type specimen collected on the bank of Kaweah River at Three Rivers, Tulare County, Cal., No. 1286, Coville & Funston July 26, 1891."

= *P. lindheimeri* Nash Man. U. S.

Panicum furcellatum S. Moore, Trans. Linn. Soc. Bot. II

4: 505. pl. 34. f. 14-22. 1895.

"Hab. Crescit ad Santa Cruz...Deo. (N. 763)" [Moore, Coll. Matto Grosso Exped. 1891-92]

Brazil

= *Paspalum*

Panicum furtivum Swallen, Contr. U. S. Nat. Herb.

29: 421. 1950.

Type in the U. S. National Herbarium, no. 1935043, collected in thickets, between Quetzal and Barillas, Sierra de los Cochumatanas, altitude 1,600-2,000 meters, Department of Huehuetenango, Guatemala, July 18, 1942, by Julian A. Steyermark (49123).

Panicum furvum Swallen, Contr. U. S. Nat. Herb.

29: 416. 1950.

Type in the U. S. National Herbarium, No. 1935086, collected between Nenton and Las Palmas, via Yalis-jao, Rincon Chiquite, Chiquial, Guaxacana, in Sierra de los Cochumatanas, Department of Huehuetenango, Guatemala, altitude 800-1,200 meters, August 30, 1942, by Julian A. Steyermark (No. 51627).

Panicum fuscatum Presl ex Nees, Agrost. Bras. 152.

1829, as syn. of *P. fasciculatum*

= *P. fasciculatum* Sw.

Panicum fuscescens Willd. ex Nees, Agrost. Bras. 241.

1829, as syn. of *P. purpurascens* H.B.K.

[same published as syn. in Steud. Nom. Bot. ed. 2. 2: 256. 1841]

[South America, Humboldt]

= *Setaria geniculata* Man. U. S.

Panicum fuscoflorum Steud. Syn. Fl. Glum. 1: 93. 1854.

"Leprieur legit in Guyana."

Panicum fuscinode Steud. Syn. Fl. Glum. 1: 418. 1855.

"Boivin legit in Ins. Comaro."

Africa

Panicum fusco-rubens Lam. Tabl. Encycl. 1: 171. 1791.

"Ex Ins[ulis] Carabæis"

= *P. fasciculatum* Swartz West Indies Grasses

Panicum fuscoviolaceum Peter, Repert. Sp. Nov. Pedde

Beih. 40: 169, 175 & Anhang, 25. pl. 22. f. 2. 1930.

"Deutsch Ost. Afr. Ujiji: Mohaji → Bagaga in Mombowald... (Peter 37305).--Uha: Bagaga → Kassulo... (Peter 37393)"

Africa

Panicum fusco-viride Steud. Syn. Fl. Glum. 1: 80. 1854.

"Ex hrbo. *Urville* sine addito loco natali."

Panicum fuscum Swartz, Prodr. Veg. Ind. Occ. 23. 1788.

[erroneously given in Ind. Kewensis as Rupr.]

"Jamaica"

= *P. fasciculatum* Swartz Man. W. I.

Panicum fuscum Sieb. ex Presl, Abh. Böhm. Ges. Wiss.

3: 550. 1845.

"Sieb. fl. mart. n. 29--est *P. glutinosum* Sw."

Jamaica

Lasiacis

Panicum fuscum Sieber ex Griseb. Fl. Brit. W. Ind.

552. 1864.

"*P. fuscum* Sieb. Mart. 29" as syn. of *P. martinicense*.

Lasiacis

Panicum fuscum Presl ex Doell in Mart. Fl. Bras.

284 130. 1877; not here published; given as syn. of *violaceum* Link

= *Digitaria*

Panicum fuscum var. *fasciculatum* (Swartz) Griseb. Fl.

Brit. W. Ind. 547. 1864.

Based on *P. fasciculatum* Swartz

= *P. fasciculatum* Swartz

Man. U. S.; Man. W. I.

Jamaica

Panicum fuscum var. *major* Vasey, U. S. Dept. Agr. Div.

Bot. Bull. 8: 26. 1889.

"Mexico [southwestern Chihuahua, Palmer 1 b in 1885]"

= *P. arizonicum* Scribn. & Merr. Man. U. S.

Panicum fuscum reticulatum (Torr.) Scribn. & Merr. U. S.

Dept. Agr. Div. Agrost. Circ. 32: 4. 1901.

Based on *P. reticulatum* Torr.

= *P. fasciculatum* var. *reticulatum* (Torr.) Beal, Man. U. S.

La. Red River

Panicum fusiforme Hitchc. Contr. U. S. Nat. Herb.

12: 222. 1909.

Based on *Panicum neuranthum* var. *ramosum* Griseb. 1866, not *P. ramosum* L. 1767.

Cuba Wright 3454

Panicum gabunense Hack. in Buettn. Verh. Bot. Ver.

Brand. 31: 70. 1889.

"Gabun: Sibange, in alveo sicco. October 1884. (No. 555)."

T Buttner 555. West Africa

Panicum Galli Thunb. Prodr. Fl. Cap. 18. 1794.

"Promontorio Bonae Spei Africae,....collegit Carol. Pet. Thunberg."

Cape Good Hope. Africa

"*Panicum crus galli* Linn." Thunb. Fl. Cap. 105 1823

= *Echinochloa*

Panicum Gardneri Thwaites, Enum. Fl. Zeyl. 359. 1864.

"Hab. Forests of the Central Province."

Ceylon

Panicum gattingeri Nash in Small, Fl. Southeast. U. S.

92, 1327. 1903.

Based on *P. capillare* var. *campestre* Gattinger

Tenn.

Man. U. S.

Panicum gaudichaudii Kunth, Rev. Gram. 1: Suppl. IX.

1830, error in spelling.

Based on "*Digitaria stricta* Gaud." cited.

= *Digitaria gaudichaudii*

Rota Isl. Marímen Isl.

Panicum Gaudichaudii Kunth, Rev. Gram. 2: 385. pl. 106.

1830.

"*Digitaria stricta* Gaudichaud Freycinet p. 409."-- "crescit in Insulis Mariae-Anna."

Basis of *Digitaria gaudichaudii* (Kunth) Hemsl.

Rota Isl. [Ledrone Isl.]

Panicum Oavanianum Steud. ex Lechl. Berb. Amer. Centr.
56. 1857, nom. nud.; ex Doell in Mart. Fl. Bras.
2²: 137. 1877, as syn. of *P. leucophaeum* H.B.K.
"Lechler, pl. Peruv. n. 2399"
T = *Trichachne insularis* (L.) Nees

Panicum Gayanum Kunth, Rév. Gram. 1: 239. pl. 31. 1830.
"Crescit in Senegalia."

Africa

= *Digitaria gayana* Stapf ex Cheval. Sudanis, 163.

Panicum geminatum Forsk. Fl. Aegypt. Arab. 18. 1775.

"Rosettas in pratis ad littora Nili."

Africa

= *P. fluitans* Koenig, Dryander, Trans. L. Soc.
2: 217. 1794---A.S.H.

Panicum geminatum Forsk. misappl. by Hochst. Flora
24 (Intell. 1): 19. 1841. Not Forsk. 1775.

Panicum gemmeum C. E. Hubbard, Kew Bull. 1949: 361.
1949.

NIGERIA: Ono Province; Akure Division, Idanre,
Carter's Peak, c. 480 m., locally common in a drying-
up seepage place on granite rock, Jan. 1, 1948,
J.E.M. Brenan & R. W. J. Keay 8658.

Africa

Panicum geniculatum Poir. in Lam. Encycl. 4: 727 [err.
in type 737]. 1798.

"J'ai observé cette plante dans l'herbier du citoyen
Jussieu, où elle se trouve sans aucune indication de
pays. Je l'ai vue depuis dans un herbier fait aux
Antilles, & particulièrement à la Guadeloupe."

= *Setaria geniculata* (Lam.) Beauv. Man. U. S.

Lesser Antilles

Panicum geniculatum Willd. Enum. Pl. 1: 1031. 1809.
Not Lam.

"*Panicum geniculatum* Hornem. Cat. hort. haf. p. 28.
[name only, Vahl given as author]"

"Antilles"

Panicum geniculatum Muhl. Cat. Pl. 9. 1813. Name
only Muhl. An. Phil. Soc. Trans. 4: 235. Not Lam.
1798. 1799.

P. dichotomiflorum Michx. given as synonym.
U. S.

= *P. dichotomiflorum* Michx. Man. U. S.

Panicum geniculatum (Thunb.) Thunb. Fl. Cap. 1: 103.
1823. Not Lam. 1798.

Based on "*Cenchrus geniculatus* Thunb. Prodr. p. 24"

Cape Good Hope, Africa (Thunberg)

= *Pennisetum* fide Leske

Panicum geniculatum Forsk. ex Spreng. Syst. Veg.
1: 309. 1825, as syn. of "*P. brizoides*"

Panicum geniculatum Nees & Schauer, Linnaea 19: 687.
1847.

"*Pennisetum geniculatum* Jacq. eclog. gram. t. 27
Aschenb. exs. n. 116."

[based on *Panicum geniculatum* Poir. in Lam. 1798.]

Panicum genuflexum Stapf in Frain, Fl. Trop. Afr.
9: 689. 1920.

"Mozambique Distr. Zanzibar: Kokotoni, on dry soil,
Hildebrandt, 1087! 1186! 1187! German East Africa:
Usambara; Muca, Holst, 3120!"

Africa

Panicum geometra Chiov. Nuov. Giorn. Bot. Ital. n. ser.
26: 64. 1919.

"Catanga, Ditunguru (Lac Moero) ... (Bovone n. 14).
[S. E. Congo State, Africa]"

Panicum Georgianum Ashe, Journ. Elisha Mitchell Soc.
15: 36. 1898.

"Georgia: Small; Darden [Darien] Junction, McIntosh
Co. June 27, 1895."

= *P. consanguineum* Kunth Man. U. S.

Panicum georgioun Spreng. Syst. Veg. 1: 308. 1825.

Based on *P. molle* Michx.

"Georgia"

= *Eriochloa michauxii* (Poir.) Hitchc. Man. U.S.

Panicum Gerdesii Hack. Oesterr. Bot. Zeitschr. 51: 333.
Sept. 1901.

(*Digitaria*)

"Brasilia, provincia S. Paulo, in campis prope
Manoel de Botocatu, leg. Gerdes."

= *Digitaria gerdesii* (Hack.) Parodi

Panicum germanicum Mill. Gard. Dict. ed. 8. *Panicum*
No. 1. 1768.

Europe

= *Setaria italica* (L.) Beauv. Willd. Sp. Pl. 1: 336.
1797. Same as Mill., 1768.

Panicum Ghiesbreghtii Fourn. in Hensl. Biol. Centr.
Amer. Bot. 3: 489. 1885, nom. nud.

Based on "Fourn. Mex. Pl. Enum. Gram. 29" unpublish-
ed; Fourn. Mex. Pl. 2: 29. 1886.

"Absque loco (*Ghiesbreghtii*)" Mexico

Man. U. S.

Panicum ghiesbreghtii var. *glaberrimum* Fourn. Mex. Pl.
2: 29. 1886.

"nodis breviter pilosis" only description

"Inter S. Vicente et Corozal (Karn.)"

= *P. ghiesbreghtii*

Mexico

Panicum gibbosum R. Br. Prodr. Fl. Nov. Holl. 193. 1810

"(T.) Littora Novae Hollandiae intra tropicum."

= *Digitaria gibbosa* (R. Br.) Beauv.

Panicum gibbum Ell. Bot. S. C. & Ga. 1: 116. 1816.

"Grows in damp and wet soils" No habitat given but
presumably South Carolina.

= *Sacciolepis striata* (L.) Nash Man. U. S.

Panicum gibbum Steud. Syn. Pl. Glum. 1: 87. 1854, as
syn. of *P. radicans* Retz. Not Ell., 1816.

"Steud. in litt. Hrbr. Cuming nr. 493.
P. acroscens Trin. Ic. VIII. t. 88. Ind. Or. Ins.
Philip. Guiana."

Panicum giganteum Scheele, Linnaea 22: 340. 1849.

"Im trockenen felsigen Flusbett des Cibolo zwischen
San Antonio und Neubraunfels: Lindheimer. August."

Texas

= *P. virgatum* L. Man. U. S.

Panicum giganteum Kuntze, Rev. Gen. Pl. 3²: 360. 1898.
Not Scheele, 1849.

"Bolivia: Rio Juntas 1600 m." Kuntze

South America

Heurard says this = *asp. iridifolium* which
= *Axonopus* ?

Panicum giganteum Mez, Bot. Jahrb. Engler 34: 143. 1904
Not Scheele in 1849.

"Sensibarküstengebiet: Usaramo (Stuhlmann n. 6533,
6712, 6754), Witu (Thomas n. 123)."

Africa

Panicum giganteum (Franch.) Krause, Beih. Bot. Cen-
tralbl. 29: 142. 1912. Not Scheele, 1849.

Based on *P. viride* β var. *gigantea* Franch.

Nippon, circa Yokoska
(Savatier n. 1445)

Panicum Gilesii Benth. Fl. Austral. 7: 477. 1878.

"Central Australia. Charlotte Waters, Giles."

Panicum Gilesii var. *hispidissimum* Domin, Bibl. Bot.
85: 304. f. 67. 1915.

"Queensland: Mount Walker bei Hughenden (Domin, II.
1910)."

Australia

Panicum glaberrimum Steud. Syn. Pl. Glum. 1: 94. 1854.

"Cultum ex H. Berol. sem. 1840. sub. *Ichmanthus*
glaber. Link. Am. sprt."

= *P. virgatum* L. Man. U. S.

Panicum glaberrimum Ell. ex Scribn. & Merr. U. S. Dept.
Agr. Div. Agrost. Circ. 29: 3. 1901, as syn. of
Chaetochloa imberbis Scribn. Not *P. glaberrimum*
Steud. 1854.

= *Setaria geniculata* (Lam.) Beauv. Man. U. S.

Panicum glabrescens Steud. Syn. Pl. Glum. 1: 71. 1854.

"Leprieur legit in Senegal"

Africa

"Imperfectly known" in Stapf

Panicum glabrifolium Nash, Bull. Torrey Club 24: 196.
1897.

"Collected by the writer in the 'flatwoods' at Tampa,
Florida, on August 20, 1895, no. 2415a."

Man. U. S.

Panicum glabrinode Hack. Ann. Cons. Jard. Genève
17: 284. 1914.

"Argentina, Misiones, Santa Ana, Bañados. Stuckert
n. 22501 ex Lillo n. 12340 (14. I. 1913)."
in Types

"valde aff. *P. numidiano* Lam."

Panicum glabripes Doell in Mart. Fl. Bras. 2^o: 216.
Mar. 1877.

"Habitat prope Montevideo (Sello; in herb. Reg. Berolinensis a ol. Kunth. ad *Panicum milioides* Neesii relatum)."

Uruguay

Panicum glaberrimum Ashe, Journ. Elisha Mitchell Soc.
15: 62. 1898.

"The type material was collected by me (Ashe) June 1898, at Manteo, Dare Co., N. C."

= *P. ensifolium* Baldw. Man. U. S.

Panicum glabrum (Schrad.) Gaudin, Agrost. Helv. 1: 22.
1811.

(In Index Kewensis "Ell." is erroneously given as author of *P. glabrum*. *P. gibbum* Ell. in Steudel)

Based on *Syntherisma glabrum* Schrad.

= *Digitaria ischaemum* (Schreb.) Muhl. Man. U. S.
Germany

Panicum glabrum var. *lasiocarpa* Boenningsh. Prod. Fl.
Monas. 18. 1824.

"frequens prope Dorsten!"

Prussia

Panicum glabrum var. *mississippiense* Gattinger, Tenn.
Fl. 95. 1887, name only, Nashville. Scribn. Tenn.
Agr. Exp. Sta. Bull. 7: 39. 1894. Knoxville, Tenn.

= *Digitaria ischaemum* var. *mississippiense*
(Gattinger) Fernald Man. U. S.

Panicum glaucum L. Sp. Pl. 56. 1753.

"Habitat in Indiis."

India

= *Pennisetum glaucum* L. Man. U. S.

Panicum gladiatum Wawra, Oesterr. Bot. Zeitschr.
12: 170. 1862 (Max. Reise Bras. Bot. 178. pl. 31.
1866).

"Brasilia; culta in c. r. hort. Schönbr."

Vienna

Panicum glanduliferum Schum. in Abh. Naturw. Ver.
Bremen 9: 401. 1887.

[not in Aschers. & Graeb.]

Germany

Panicum glandulosum Nees ex Trin. Gram. Pan. 174. 1826
as syn. of *Pan. nemorosum* Sw. [erroneous!] Nees
Agrost. Bras. 129. 1829.

"Habitat in sylvis ad Rio Xipote et ad Rio
Jequetinhonha flumina (Martius)" first cited.

Nees cites "*Echinolaena polystachya* H. & K." and
"*Panicum uncinatum* Raddi as synonyms."

Brazil

= *Pseudechinolaena polystachya* (H.B.K.) Stapf.

Panicum glareae P. Muell. Linnaea 25: 445. 1852.

"ad occidentem rivuli Crystal-brook sitae, nec inter
amnes Rocky creek et Rocky river."

Nova Hollandia australi

Australia

Panicum glaucescens Beauv. Ess. Agrost. 169. 1812, as
syn. of *Arundinaria glaucescens* Beauv.

Panicum glaucescens H. B. K. Nov. Gen. & Sp. 1: 104.
1815.

"Crescis locis planis, propatulis Novae Andalusiae
juxta Bordonas et in excoelsis, opacatis Andium
prope Pasto: inter 30 et 1500 hexap."

Bordonas specimen

= *Isachne*

Venezuela

Panicum glaucescens Nees, Agrost. Bras. 100. 1829.
Not H.B.K. 1815.

"Habitat in Brasiliae australioris sabulosis.
(Sellow.--Vidi in Herb. Reg. Berol.)"

Panicum glaucescens Salzm. ex Doell in Mart. Fl. Bras.
2^o: 157. 1877. Not H.B.K. 1815.

"Salzmann in herb. Bahiensi"

Cited as syn. of *Panicum imberbe* var. *latifolium*
Doell.

Brazil

= *Setaria*

Panicum glaucescens Willd. ex Doell in Mart. Fl. Bras.
2^o: 275. 1877, as syn. of *Isachne disperma* Döll.
Not H.B.K. 1815.

"Willd. herb. n. 18761."

Panicum glaucescens Lam. Encycl. 4: 749" Jacks. Ind.
Kew. 2: 413. 1894, as syn. of "*Arundinaria glauces-*
cens."
error for *P. arborescens* 'Illustr. no. 920. 1797'.

Panicum glaucidulum Peter, Repert. Sp. Nov. Pedde
Beih. 40: 202 & Anhang 52. pl. 27. f. 3b. 1930.

"Deutsch Ost Afr., Uass: Beréu Oéle....(Peter
46823)"

Tanganyika

Panicum glaucifolium Hitchc. Proc. Biol. Soc.
Washington 43: 90. 1930.

"Type in the U. S. National Herbarium, no. 1,445,576
collected near water at Zinder, Colonie du Niger,
alt. 360 meters, Nov. 13, 1927, by O. Hagerup
(no. 616)."

Africa

Panicum glaucocladum C. E. Hubb. Kew Bull. Misc. Inf.
1933: 501. 1933.

"Sierra Leone: near Toma, Bonthe Island, common
along sandy roads in light shade of oil palms, Nov.
1931, Deighton 2282."

aff. *P. membranaceo* Robyns

Panicum glaucum Linn. ex Willd. misappl. by Rupr. ex
Galeotti, Bull. Acad. Sci. Brux. 9: 241. 1842.

Name only.

Mexico

= *Setaria*

Panicum glaucum Steud. ex Doell in Mart. Fl. Bras.
2^o: 157. 1877, as syn. *Panicum imberbe* var. *glauco-*
caesium Doell.

"*Panicum glaucum* Steudel in herb." "Argentina---
Lorentz---" "prope Montevideo (Deloche in herb.
Buchinger)"

= *Setaria*

Panicum glaucum brasiliense Trin. Herb. ex Nees, Agrost.
Bras. 239. 1829, as syn. of *P. imberbe* Poir.

"N. Amer. and Brazil"

= *Setaria geniculata* (Lam.) Beauv.

Panicum glaucum var. *elongatum* Pers. Syn. Fl. 1: 81.
1805.

"ex America."

= *Setaria lutescens* (Weigel) Hubb.

Panicum glaucum var. *elongatum* Mutel, Fl. Frang.
4: 19. 1837. See Pers. 1: 81. 1805.

"Kunth gr. 2. t. 118." cited.

[France]

Setaria

Panicum glaucum var. *flavescens* Ell. Bot. S. C. & Ga.
1: 113. 1816.

"everywhere excepting in inundated lands" Presum-
ably South Carolina

= *Setaria lutescens* (Weigel) P. T. Hubb.

Man. U. S.

Panicum glaucum var. *laevigatum* LeConte ex Torr. in
Eaton, Man. Bot. Ed. 2. 339. 1818.

Northern & Middle States U. S.

= *Setaria lutescens* (Weig.) Hubb. Man. U. S.

Panicum glaucum var. *prostratum* Bréb. ex Mutel, Fl.
Frang. 4: 19. 1837.

[France]

Setaria

Panicum glaucum f. *pumilum* Aschers. & Graeb. ex Junge,
Jahrb. Hamb. Wiss. Anat. 22 (Beih. 3): 61. 1905,
without descr.

"Schleswig-Holsteins" Germany

Setaria

Panicum glaucum var. *purpurascens* Ell. Bot. S. C. & Ga.
1: 113. 1816.

"in dry sandy pastures; on *Paris* Island, common.
Found also on Charleston Neck."

= *Setaria geniculata* (Lam.) Beauv. Man. U.S.

South Carolina

Panicum Glaziovii Hack. Oesterr. Bot. Zeitschr.
51: 373. 1901.

"Brasilia, prov. Rio de Janeiro, Glaziou 14386 et
17398." U.S. Hb.

Panicum globoides Domin, Repert. Sp. Nov. Pedde
10: 119. 1911.

"Queensland: Springsure, Coll. Wuth; Peak Downs,
coll. Burkitt."

"*Panicum flavido* affine."

Australia

Panicum globosulum Mez, Bot. Jahrb. Engler 57: 188.
1921.

"Westafrika, Lagos (McGregor n. 166)"

T

Panicum globulare (Presl) Steud. Nom. Bot. ed. 2.
2: 257. 1841.

Based on *Setaria globularis* Presl

Philippine Islands

Panicum globuliferum Steud. Syn. Fl. Glum. 1: 51. 1854.

"Deloche" lectum in Montevideo, Uruguay
T U.S.

= *Setaria globulifera* (Steud.) Griseb.

Panicum glomeratum Moench, Meth. Fl. 207. 1794.

"Plantas hortenses"

"*Panicum italicum* Linn." cited as syn.

= *Setaria italica* (L.) Beauv.

Panicum glomeratum (L.) Salisb. Prodr. Stirp. 18. 1796.

Based on "*P. conglomeratum* Linn."

India

Panicum glomeratum Trin. Gram. Pan. 170. 1826, as syn.
of *Panicum indicum* L. Error for *P. conglomeratum*
L. Mant. Fl. 2: 324. 1771.

P. indicum L. = *Sacciolepis indica* (L.) Chase

Panicum glomeratum Buckl. Prel. Rep. Geol. Agr. Surv.
Tex. App. 3. 1866. Not Moench 1794.

Herb. Acad. Nat. Sci. Phila.

Western Texas

T photo and spikelets

= *Panicum geminatum* Forsk. Man. U. S.

Panicum glomeratum Hack. ex Schinz, Verh. Bot. Ver.

Brand. 30: 141. 1888. Not Moench 1794 nor
Buckl. 1866.

"Standort: ! Cubub bei Aus, Gross-Namaland (Schinz);
Hereroland (Lüderitz); Corocafuss? (Höpfner No. 79
in Herb. Hackel)."

Coll. Schinz

T Africa

Panicum glumaepatum Steud. Syn. Fl. Glum. 1: 41.
1854.

Ins. Philipp.

Hrbr. Cuming nr. 550.

Panicum glumare Trin. Gram. Pan. 143. 1826.

"V. sp. e nov. Zealand. (Lindley)"

"nov. Zealand."

Panicum glutinosabrum Fernald, Rhodora 49: 122. pl.
1059. 1947.

"Nansemond County, Virginia: sphagnum and peaty bog
by Norfolk and Western Railway, about 1/2 mile west of
Kilby, Sept. 8 and 12, 1946, Fernald, Long & Clement,
no. 15,186 (Type in Herb. Gray; isotype in Herb.
Phil. Acad.)."

= *P. huachucae* var. *fasciculatum* (Torr.) Hubb.

Man. U. S.

Panicum glutinosum Swartz, Prodr. Veg. Ind. Occ. 24.
1788.

"Jamaica"

Man. W. I.

Panicum glutinosum Lam. Tabl. Encycl. 1: 174. 1791.
Not Swartz 1788.

"Ex Amer. merid. Insula Franciae"

South America

probably *Lasiacis sorghoidea*

Panicum glutinosum Presl ex Griseb. Fl. Brit. W. Ind.
552. 1864, not Swartz 1788, as syn. of *P. martin-*
cense Griseb.

Not published by Presl who gives Swartz as author.
(Bel. Haenke 307) must be taken as based on
P. glutinosum Sw.

= *P. glutinosum* Sw.
H. & C.

Panicum glycerioides Chiov. Nuov. Giorn. Bot. Ital.
n. ser. 29: 110. 1923, as syn. *Brachyaria glyce-*
rioides Chiov. *dic*

Congo, Africa

Panicum Gmelini [Honck.] Syst. Verz. Aller. Gew.
Teutschl. 164. 1782.

Panicum gobariense Vanderyst, Bull. Agr. Congo Belge
10: 247. 1919, as syn. of *Panicum parvifolium* Lam.

Africa

Panicum Goirani Rouy, Fl. France 14: 12. 1913.

Based on *Panicum crusgalli* var. *pumilum* Goir.

= *Echinochloa*

Var River--S. E. France

Panicum Golae Chiov. Ann. di Bot. 13: 43. 1914.

"Catanga, Kayoyo nel sottobosco, 20. XII. 1911.
(Bovone n. 87)."

[Africa tropica meridionalis]

Prox. F. brizantho Hochst.

Panicum gonatodes Steud. Syn. Fl. Glum. 1: 95. 1854.

Sect. *Isachne*

"Urville legit in N. Zealand."

Panicum gongyloides Jacq. Elog. Gram. 30. pl. 21.
1814-1820.

"*Panicum altissimum*. Broussonet Elench's plantarum
horti monspeliensis 1804."

University garden in 1807 from seed from bot. gard.
Montpellier under name "*Panicum altissimum* H.P."
"Das Vaterland ist mir unbekannt."

"Plate 21 seems to be *Pan. bulbosum*" A.S.H.

= *P. bulbosum* H.B.K. Man. U. S.
H. & C.

Panicum gonyrrhizum Steud. Syn. Fl. Glum. 1: 44. 1854.

"Hrbr. Goering Sect. II. nr. 199. Java"

Basis of *Orthopogon gonyrrhizum* Steud.

= *Oplismenus*

Panicum Gorinii Chiov. Agr. Col. 20: 107. 1926, as
syn. of *Urochloa gorinii* Chiov. q.v.

Africa

Panicum gossypinum Hook. & Arn. Bot. Beechey's Voy.
100. 1832.

[Habitat: Sandwich Islands]

= *P. pellitum* Hook. & Arn.

Hawaii

Panicum gossypinum A. Rich. Tent. Fl. Abyss. 2: 366.
1851. Not Hook. & Arn. 1832.

"Crescit in latere Euronoto, et medio montis
Selleuda prope Adoua, ... (Schimper)."

Basis of *Brachyaria serrata* var. *gossypina* (A. Rich.)
Stapf

Abyssinia

Panicum Gouini Fourn. in Hems. Biol. Contr. Amer. Bot.
3: 489. 1885, nom. nud.

Based on "Fourn. Mex. Fl. Enum. Gram. p. 28"
unpublished.

Fourn. Mex. Fl. 2: 28. 1886. "*Vera Cruz* (Gouin
n. 4, julio)" Mexico
Man. U. S.

Panicum Gouini var. *pumilum* Fourn. in Hems. Biol.
Contr. Amer. Bot. 3: 489. 1885, nom. nud.

Based on "Fourn. Mex. Fl. Enum. Gram. p. 28" un-
published; Fourn. Mex. Fl. 2: 28. 1886.

"(Viril. n. 1300)" first spec. cited.

"*Vera Cruz*" Mexico

= *P. gouinii* Fourn. Man. U. S.

Panicum goyazense Mez, Bot. Jahrb. Engler 56(Beibl.
-125): 4. 1921.

"Brasilien, Goyaz (Gardner n. 4067)."

Panicum gracile R. Br. Prodr. Fl. Nov. Holl. 190. 1810.

"(T.) Littora Novae Hollandiae intra tropicum."

Basis of *Paspalidium gracile* (R. Br.) Hughes

Australia

Panicum gracile Willd. ex Spreng. Syst. Veg. 1: 320.
1825. Not R. Br. 1810. As syn. of *P. micranthum*
Humb. [= H.B.K.]

Panicum gracile Nees ex Spreng. Syst. 4: Cur. Post.
33. 1827. Not R. Br. 1810.

Based on "Sieber, agrost. n. 72."

Panicum gracile (Guss.) Nyman, Syll. Suppl. 70. 1865.
Not R. Br. 1810.

Based on "*Digitaria gracilis* Guss."

Italy

Panicum gracile Leconte in Fourn. Mex. Fl. 2: 21. 1886,
as syn. Not R. Br. 1810 et al.

as syn. of *P. nitidum* var. *gracile* Fourn. "in udis
prope Orizaba, Sept - (Botteri 99)"

= *P. olivaceum* H. & C.

Panicum gracilentum Poir. in Lam. Encycl. Suppl.
4: 276. 1816.

"Cette plante a été cultivée au Jardin des Plantes.
Son lieu natal n'est pas connu. (V. s. in herb.
Desfont)."

= *Festuca obtusa* Bieler

Man. U. S.

Panicum gracilescens Desv. ex Poir. in Lam. Encycl.
Suppl. 4: 279. 1816.

"Cette plante croit à la Caroline. (V. s. in herb.
Desv.)" U. S.

Unidentified names Man. U. S.

Panicum gracilicaule Rendle, Cat. Afr. Fl. Welw.
2 $\frac{1}{2}$: 179. 1899.

"Fungo Andongo.--Nos 2857, 2862c [no information].

Huilla.--Wooded meadows near Humpata, ...no. 2687."
[Welwitsch, Coll.]

Africa

Panicum gracilicaule Nash in Small, Fl. Southeast.
U. S. 98. 1903. Not Rendle 1899.

"In sandy soil along brooks, Sand Mountain, Alabama:
On p. 1327 Harbison no. 2415 is cited as type."

= *P. concinnius* Hitchc. & Chase Man. U. S.

Panicum graciliflorum Rendle, Cat. Afr. Fl. Welw.
2: 181. 1899.

"Golungo Alto.Rather rare in sunny sandy places
between Cambondo and Trombete....No. 2959."
[Welwitsch, coll.]

Angola, Africa

Panicum gracilipes Haek. Verh. Zool. Bot. Ges. Wien
65: 71. 1915.

"Rio Grande do Sul: in silvis prope Fachinal dos
Bois, municipio Venancio Ayres, Mart. 1910.
leg. C. Jürgens."

T Brazil T

Panicum gracilipes var. *pubiflorum* Haek. Verh. Zool.
Bot. Ges. Wien 65: 71. 1915.

"In dumetis ad Fazenda Leitão municipio Rio Pardo;
leg. C. Jürgens."

T Brazil

Panicum gracilissimum Swallen, Mem. N.Y. Bot. Gard.
9: 259. 1957.

Type: frequent in moist pockets on crystalline laja,
1-1.5 km. east of Hotel Amazonas, Puerto Ayacucho,
alt. 100-200 m, Great Rapids of the Orinoco, Terr.
Amazonas, Venezuela, November 7. 1953, Bassett
Maguire, John J. Wurdack & George S. Bunting 36043;
U.S. National Herbarium no. 2,182,149.

[in *Panicum granuliferum*-*micranthum* complex.]

Panicum gracillimum Scribn. Bull. Torrey Club
23: 146. 1896.

"described from no. 1192 Nash, collected on high
pine land in the vicinity of Eustis, Lake county,
Florida, July 1894."

= *Digitaria gracillima* (Scribn.) Fernald

Man. U. S.

Panicum gracillimum Schum. Bot. Jahrb. Engler 24: 331.
1898. Not Scribn. 1896.

"Congogebeit: Angola, in der Nähe von Dondo (Mechow
n. 25)."

[Africa]

Panicum gracillimum Mez, Bot. Jahrb. Engler 34: 131.
1904. Not Scribn. 1896.

"Kamerungebiet (Mann)."

Afr. trop.

Panicum grande Hitchc. & Chase, Contr. U. S. Nat. Herb.
17: 529. f. 143. 1915.

"Type in U. S. National Herbarium, nos. 693329,
693330, 693331 (parts of the same individual), col-
lected in the water of a swamp along the margin of
Gatun Lake, Canal Zone, Panama, December 15, 1911,
by A. S. Hitchcock (no. 9178)."

Panicum grande Peter, Abh. Ges. Wiss. Göttingen Math.
Phys. Kl. N. F. 13 $\frac{1}{2}$: 110. 1928, nom. nud. Not
Hitchc. & Chase 1915.

In: Bot. Jahrb. Engler 68: 140. 1937, Peter refers
this to *Panicum ingens* Peter.

Panicum grandiflorum Trin. ex Nees, Agrost. Bras. 143.
1829.

Based on "*Panicum grandiflorum*, Herb. Trinii" as
syn. of *P. zizanioides* H.B.K.

= *P. zizanioides* H.B.K.
H. & C.

Panicum grandiflorum (Hochst.) Baron, Rev. Madagascar
8: 836. 1906. Not Trin. as syn. only.

Based on
Tricholaena grandiflora Hochst.

= *Rhynchoselytrum roseum* (Nees) Stapf & Hubb.
in Stapf

Africa

Panicum graniflorum Stapf in Prain, Fl. Trop. Afr.
9: 681. 1920.

"Mozambique Distr. Portuguese East Africa: Kongome
mouth of the Zambesi, Kirk (Jan. 1861)!"

Panicum grandifolium Doell in Mart. Fl. Bras.
2 $\frac{1}{2}$: 195. 1877.

"*Panicum oryzoides* Sw. misapplied by Nees....non
Swartz....non Arduino;" cited by Doell sub *P. grandifolium*
Doell, but this species not based on that.
"---in sylvis ad Itahypé fluvium et Camacorum vicum
S. Pedro d'Alcantara provinciae Bahiensis (Martius)."

Brazil

Panicum granulare Lam. Tabl. Encycl. 1: 170. 1791.

"Ex ins. Franciae. Commers."

T = *P. flavidum*

Mauritius

Panicum granulare Lam. misappl. by Bojer, Mart.
Maurit. 364. 1837.

Panicum granuliferum H.B.K. Nov. Gen. et Sp.
1: 105. 1815.

"Crescit in ripa fluminis Apure, Atabapo et Tuamini
(Prov. Novae Guayanae)"

T

(A.S.H. 1: 74--Bur. Notes with his fieldbooks)

Venezuela

Panicum granuliferum var. *longifolium* Kuntze, Rev.
Gen. Fl. 3 $\frac{1}{2}$: 361. 1898.

"Bolivia: Tiefland Velasco. Matogrosso."

Panicum gravius Hitchc. & Chase, Rhodora 8: 205.
Nov. 1906.

"Chase 3620-----on the old Commons farm, between
Centreville & Mt. Cuba, Del. July 30, 1906"

T

= *P. barbulatum* Mx. Man. U. S.

Panicum griffithii "Arn. in Herb. Wight," Hook. Fl.
Brit. Ind. 7: 15. 1896; as syn. of *Paspalum san-*
guinale var. 6. *griffithii* Hook.

Basis of *Digitaria griffithii* (Arn.) Henr.

India

Panicum griffonii Franch. Bull. Soc. Hist. Nat. Autun
8: 342. 1893.

"Hab.---Gabon (Griffon du Bellay)---Congo belge,
champs de manioc, à Lutetia (Fr. Mens., n. 284)."

Africa

Panicum Grisebachianum Mez, Bot. Jahrb. Engler 56
(Beibl. 125): 3. 1921.

"*Panicum amplexifolium* Griseb. (non alior.) Cat. Cub.
---Cuba. Wright n. 3863."

There is no *P. amplexifolium* Griseb.,--error for
"amplexicaule"--This is not in Griseb. Cat. Cub.,
but in Griseb. Fl. Brit. W. I. p. 553.

Wright 3863 is a mixture of *Hymenachne domoifolia*
(Baddi) Chase (H. auriculata (Willd.) Chase) and
Panicum laxum and *P. condensum*. See Hitchcock,
Grasses of Cuba 256. 1909; also see card for *Pani-*
cum amplexifolium Mez, as syn., for further elucida-
tion.

[In Brussels Herbarium is Pittier-Tonduz 3624, named
in Hackel script "*Panicum amplexifolium* Rudge" and
---over---

Panicum Grisebachii Nash, Bull. Torrey Club 35: 301.
June 1908.

Britton & Shafer no. 758, March 28, 1903. in Herb.
N. Y. Bot. Garden.

Madruza, Cuba

Lasiacis grisebachii (Nash) Hitchc.

Panicum grossarium L. Syst. Nat. ed. 10. 2: 871. 1759.
Also Aencn. Acad. 5: 392. 1759.

[specimen from Jamaica, Browne]

= *P. reptans* L. Man. W. I.

Panicum grossarium Koen. Naturforscher 23: 205. 1788.
Not L. 1759.

"in Indien in Gebuschen und schattigten Waldern
wachst."

India

Panicum grossarium [L. misappl. by] Roxb. Hort. Beng.
82. 1814; Fl. Ind. ed. Carey 1: 300. 1820.

Panicum grossarium Roxb. misappl. by Griffith, Not. Fl.
Asiat. 3: 36. 1851; Icon. Fl. Asiat. pl. 139. f. 113
1847. f. 113 is cross-section of a spikelet.
Not L. 1759.

[in Griffith p. 36. "P. Careyazum N. ab Es. Kunth
Agr. 1-897" is cited as syn.; description of *P.*
grossarium Roxb. "in oryzatis Bengal: September
1835."

Panicum grossularium Thunb. Fl. Jap. 48 [error in
Ind. Kew. 414. 1894 for *grossarium* L.]

Panicum grossum Salisb. Prodr. Stirp. 18. 1796.

Based on "*P. crus-galli* Linn."

= *Echinochloa crus-galli* (L.) Beauv.

"Eur. Virginiae cultis"

Panicum grumosum Nees, Agrost. Bras. 182. 1829.

"Habitat in Monte Video et in confinibus Regni Paraguayan (Sellow.) Vidi in Herb. Reg. Berol."

[o]

Panicum guadalupense Spreng. ex Steud. Nom. Bot. ed. 2.

2: 257. 1841, nom. nud.

"Trin. mpt. Guadel." Steud. Syn. Fl. Glum. 1: 61. 1854. Ins. Guadeloupe. = *P. purpurascens* Raddi, Man. Grasses W. I. 247. 1936.

In Krug & Urban herb. is a specimen of *P. diffusum* Bertero, S. Domingo marked "*Panicum guadalupense*" in Sprengel's hand."

Panicum guadalupense Steud. Syn. Fl. Glum. 1: 61. 1854

"Ins. Guadeloupe"

Lesser Antilles

= *P. purpurascens* Raddi
Grasses W. I.

Panicum guaraniticum Speg. Anal. Soc. Cient. Argent.

16: 129. 1813.

"Hab. Vulgata ad dumeta in plateis inter sylvas subvirgineas provinciarum Argentiniae "Misiones" et "Chaco" Febr. et Maj. 1883."

Argentina

Panicum guatemalense Swallen, Journ. Washington Acad.

Sci. 23: 460. 1933.

Type in the U. S. Nat. Herb. no. 1,538,064 collected in mountains near Santa Maria, just South of Quezaltenango, Guatemala, March 25, 1932, by Paul Weatherwax (no. 1689)

aff. *Panicum arundinaria* Trin.

Panicum guayaquilense Steud. Syn. Fl. Glum. 1: 85.

1854.

"Jameson Hrbr. nr. 560. Guayaquil"

Ecuador

= *P. trichanthum* Andes Gr.

Panicum guianense Hitchc. Contr. U. S. Nat. Herb.

22: 487. f. 83. 1922.

"Type in the U. S. National Herbarium, no. 1038517, collected along river bank, in or near the water, Rockstone, British Guiana, January 1, 1920, by A. S. Hitchcock (no. 17313)."

Panicum guineense Desv. ex Poir. Encycl. Suppl.

4: 279. 1816, as syn. of *P. ovalifolium* Poir.

French Guiana

Panicum Gussonii Richt. Fl. Eur. 1: 26. 1890.

Based on "*Digitaria gracilis* Guss."

Italy

Panicum gymnocarpon Ell. Bot. S. C. & Gs. 1: 117. 1816.

"Collected near Savannah, by Dr. Baldwin."

Ga. Man. U. S.

Panicum gynerioides (Griseb.) Pilger, Notizbl. Bot.

Gart. Berlin 11: 243. 1931.

Based on *Coleataenia gynerioides* Griseb.

Prov. Entrerios pr. Concepcion del Uruguay

Panicum Hackellii (Arech.) Arech. Anal. Mus. Nao.

Montevideo 1: 555. pl. 5. 1897.

Based on *Anthraenantia hackellii* Arech.

"Recoigida por el Sr. Figueira, Juan, ayudante del Museo, en la orilla occidental del Uruguay cercanias de Concordia."

T = *Digitaria phaeotrix* var. *hackellii* (Arech.) Henr.

Uruguay

Panicum hackellii Pilger, Bot. Jahrb. Engler 30: 118.

1901. Not Arech., 1897.

"Gabus: Sibange Farm; in der Niedergrassteppe grosse Strecken filzartig überziehend (Soyaux n. 425--April 1882)."

Basis of *Digitaria hackellii* (Pilg.) Stapf

Trop. Africa

Panicum haemacarpum Ashe, Journ. Elisha Mitchell Soc.

15: 55. 1898.

"District of Columbia: Kearney in 1897" [type]

= *P. villosissimum* Nash Man. U. S.

Panicum haematodes Presl, Fl. Sic. 1: 43. 1826.

Sicily

Panicum Haenkeanum Presl, Rel. Haenk. 1: 304. 1830.

"Hab. in Mexico"

A.S.H. Eur. Notes 1: 173. (Kept with his field-books)

Panicum hagenbeckianum Kuntze, Rev. Gen. Fl.

36: 361. 1898.

"Aus dem Gran Chaco (bolivianisch-argentinisches Tiefland) von Hagenbeck dem Berliner bot. Museum mitgeteilt."

Basis of *Axonopus hagenbeckii* (Kuntze) Parodi

Panicum hallii Vasey, Bull. Torrey Club 11: 61. 1884.

"This is number 816 of E. Hall's [Austin] Texas collection, distributed as *P. giganteum* Scheele."

Man. U. S.

Panicum halophilum Nash in Lloyd & Tracy, Bull. Torrey

Club 28: 86. 1901.

Based on "*P. repens* L. var. *confertum* Vasey, Not *P. confertum* Desv. 1816."

Tracy 4566, Petit Bois Isl. Miss. cited.

= *P. gouini* Fourn. Man. U. S.
H. & C.

Panicum hamadense Mez, Notizbl. Bot. Gart. Berlin

7: 66. 1917.

"Abyssinia, in alta planitie Hamado (Schimper herb. propr. n. 1088)."

Africa

Panicum hamatum Desv. Opusc. 83. 1831.

"Crescit in Brasillio."

Panicum hamiltonii Kunth, Rev. Gram. 1: Suppl. IX.

1830.

[Erroneously given in Kew as Kth. Rev. Gram. 1: 33. 1829.]

Based on "*Digitaria setosa* Hamilt."

= *Digitaria horizontalis*

Antilles

Panicum Hanningtonii Stapf in Frain, Fl. Trop. Afr.

9: 676. 1920.

"Nile Land. Uganda or British East Africa: 2-7° South Lat., without precise locality, Hannington!"

Panicum haplocaulos Pilger, Bot. Jahrb. Engler

33: 49. 1902.

Central-Afrika: Ohasal-Quellengebiet; im Lande der Djur, grosse Seriba-Ghattas (Schweinfurth n. 2003)

Panicum haplocladum Stapf, Kew Bull. Misc. Inf.

1908: 59. 1908.

"Hildebrandt, 1954-2022." [first spec. cited.]

"British East Africa. Near Mombasa."

Basis of *Echinochloa haploclada* (Stapf.) Stapf.

Panicum Hartungi Heer, Fl. Tert. Helv. 1: 66. pl. 25.

f. 1. 1854.

fossil Europe

Panicum Hasskarlii Steud. ex Zoll. Syst. Verz. Ind.

Arch. Pflanz. 54. 1854.

Based on "*P. auritum* Hassk.) H. 758. Tjikoya"

Java

Panicum havaiense Reichenb., Sitzungsab. Akad. Wiss.

Math. Naturw. (Wien) 76: 723. 1878.

"Oahu: auf dem Lihue nahe dem Gipfel: Nr. 2215. Maui; auf dem Haliakala an trockenen Abhängen nr. 1868." Hawaiian Islands (Dr. Wawra)

Panicum Havardii Vasey, Bull. Torrey Club 14: 95. 1887.

Based on *P. virgatum* var. *maeranthum* Vasey

Guadalupe Mts., Texas

(Dr. Havard) Man. U. S.

Panicum Hayatae A. Camus, Not. Syst. Lecomte 4: 46.

1923.

"Annam: Dalat [Hayata, no. 94.]

Asia

Panicum hayatae (Honda) Makino & Nemoto, Fl. Jap.

1472. 1925. Not A. Camus 1923 Annam.

Based on *Syntherisma hayatae* Honda

= *Digitaria*

Formosa: ins. Mattanto
(B. Hayata ann. 1919)

Panicum hayatae var. *magna* (Honda) Makino & Nemoto, Fl.

Jap. 1472. 1925.

Based on *Syntherisma hayatae* var. *magna* Honda

Formosa, circa Shochikaku
(Hayata, 1911)

Panicum hebotes Trin. Mém. Acad. St. Pétersb. VI. Sci. Nat. 1: 301. 1834.

(See A.S.H. 2: 115.---Dur. Notes with his fieldbooks.
"V. spp. Bras." T

Panicum hebotes var. *genuinum* Doell in Mart. Fl. Bras. 2(2): 252. 1877.

Based on *Panicum hebotes* Trin.

Brazil

Panicum hebotes var. *glabratum* Doell in Mart. Fl. Bras. 2²: 252. 1877.

"habitat in paludosis prope Cacholira prov. Minarum (Lund), nec non a cl. Gardner (n. 711) in Brasilia lecta."

Panicum Helleri Nash, Bull. Torrey Club. 26: 572. 1899.

"Collected at Kerrville, Kerr Co., Texas by A. A. Heller, May 14-21, 1894, no. 1759."

Man. U. S.

T

Panicum helobium Mez ex Ekman, Ark. for Bot. 11: 23.

pl. 1. f. 6. 1912, without descr.: Henrard, Med. Rijks Herb. Leiden 40: 52. 1921.

Ekman cites "Mez in Herb. Regnell"
Henrard cites "Mez apud Ekman"

"Loreto, in campis, per quos iter ad Sta Ana municipium fit, locis humidis, 30. 1. 00, n. 650."
Ekman
Misiones-Argentina

Panicum helodes Hauman, Fac. Filos y Letras Buenos Aires Publ. Inst. Invest. Geogr. no. 10. 27: 1925.

Panicum Helopus Trin. in Spreng. Neue Ent. 2: 84. 1821;
Trin. Gram. Icon. 2: 183. 1829.

Inss. Mascarenicis

Panicum helopus var. *glabra* Trimen, Syst. Cat. Ceylon Fl. 104. 1885, nom. nud.

Ceylon

Panicum helopus var. *glabrior* Benth. Fl. Austral. 7: 476. 1878.

"N. Australia. Lower Victoria River, P. Mueller."

Panicum helvolum L.f. Suppl. Fl. 107. 1781.

"Habitat in India orientali"

East Indies

Panicum hemignostum Steud. Syn. Fl. Glum. 1: 77. 1854.

"Paraguay."

Panicum hemitomum Schult. Mant. 2: 227. 1824.

Based on *P. walteri* Muhl. 1817. Not Pursh 1814.

Probably Georgia Man. U. S.

Panicum Henryi (Rendle) Makino & Nemoto, Fl. Jap. 1472. 1925.

Based on *Digitaria Henryi* Rendle

Formosa: Apes' Hill, Takow (Henry 1031)

Panicum Hensii Schum. Bot. Jahrb. Engler 24: 332. 1898.

"Congogebeit: auf feuchtem Boden bei Lulongo am Ufer des Flusses (Hens n. 101)."

[Africa]

Panicum hermaphroditum Steud. Syn. Fl. Glum. 1: 67. 1854.

"Hrbr. Cuming nr. 554."

"Ins. Philippines"

Panicum l'Herminieri Mez, Bot. Jahrb. Engler 56 (Beibl. 125): 6. 1921.

"Guadeloupe (L'Herminier)."

T = *Ichnanthus pallens* (Sw.) Munro

Panicum heteranthum Link, Hort. Berol. 1: 212. 1827.

"Hab. in Brasilia"

Pseudechinolaena polystachya

Panicum heteranthum Nees & Mey. in Nees, Nov. Act.

Acad. Caes. Leop. Carol. 19: Suppl. 1: 42. 1841;
174. 1843. Not Link, 1827.

[China. Meyen, Coll.]

Panicum heteranthum var. *paohyrachis* Hack. Philippine Journ. Sci. Bot. 3: 167. 1908.

"Lumbacan, Merrill 5276 Oct. 1906."
"Palmas, Merrill 5355 Oct. 1906."

Philippines

Basis of *Digitaria heterantha* var. *paohyrachis* (Hack.) Merr.

Panicum heterochlamys Peter, Repert. Sp. Nov. Fedde Beih. 40: 168, 173 & Anhang, 23. pl. 8. f. 2. 1930.

"Deutsch Ost Afr.: [East] Usambara...Amani → Kwamkoro....(Peter 20024)."

Panicum heterocraspedum Peter, Abh. Ges. Wiss. Göttingen Math. Phys. Kl. N. F. 13²: 45, 1928, in key, in German.

See also: Peter, Repert. Sp. Nov. Fedde Beih. 40: 170, 176 & Anhang, 28. pl. 9. f. 1. 1930.

Deutsch-Ost Afr. West Usambara: Abhänge üb Mazumbai ...Peter 16455.

Panicum heteroneuron Mez, Repert. Nov. Sp. Fedde 17: 83. 1921.

"Australien, Neu-Süd-Wales (Hourigan)."

Panicum heterophyllum Muhl. Trans. Amer. Phil. Soc. 3: 160. 1793, nom. nud.

Listed only in "Index Florae Lancastriensis, auctore Henrico Muhlenberg, D.D."

= *P. microcarpon* Muhl. Man. U. S.

Panicum heterophyllum Spreng. Neue Entd. 3: 13. 1822.

"Hab. in India orientali."

Panicum heterophyllum Swartz in Wikström: Adnot. Bot.

6. 1829, as syn. sub *P. Kalmii*. Not Spreng. 1822.

= *P. sphaerocarpon* Ell. H. & C.

Panicum heterophyllum Bosc ex Nees, Agrost. Bras. 227. 1829. Not Spreng. 1822.

Based on "*P. heterophyllum* Bosc herb. Willd."

North Amer.

= *P. columbianum* Man. U. S.

Panicum heterophyllum var. *thinium* (Hitcho. & Chase) Hubb. Rhodora 14: 172. 1912.

Based on "*Panicum unciphyllum* var. *thinium* Hitcho. & Chase"

"Tom's River, N. J. (Chase 3577)"

= *P. columbianum* var. *thinium* H. & C.

Panicum heterostachyum Hack. Oesterr. Bot. Zeitschr. 51: 430. 1901.

"Abyssinia, loco non indicato, leg. Steudner, anno 1861."

Africa

Panicum heupueo St. John, Pacific Science 13: 156. f. 1. 1959.

"Niuhau, Kii between basalt rocks, on rocky knoll, 100 ft. alt., April 2, 1949. H. St. John 23,666 (BISH)."

Specimens examined: Kii, same data, St. John 23665, 23670.

"----most closely related species is *P. Fauriei* Hitcho."

Panicum heynei Roth ex Roem. & Schult. Syst. Veg.

2: 458. 1817; Roth, Nov. Plant. Sp. Ind. Orient. 49. 1821.

"Roth nov. plant. Spec. Mss... In India orientali. Heyne."

= *Panicum maximum* Jacq. fide Bor, Kew Bull. 1954: 546.

Panicum hians Ell. Bot. S. C. & Ga. 1: 118. 1816.

"very abundant near Michaux's old farm, 10 miles from Charleston."

South Carolina

Man. U. S.

Panicum hians Spruce ex Griseb. Fl. Brit. W. Ind. 548. 1864, as syn. of *P. stenodes*. Not Ell. 1816.

= *P. stenodes* Griseb.

Panicum hians var. *pallescentum* Doell in Mart. Fl. Bras. 2²: 240. 1877.

Brazil

Panicum hians var. *purpurascens* Scribn. Proc. Acad. Phila. 1891: 296. 1891.

"Wet hollows in prairies of Flor de Maria, State of Mexico. September 4." "(3449)" Pringle
type of *P. eupreum* Hitcho. & Chase

Panicum Hildebrandtii Hack. ex Dur. & Schinz, Consp. Fl. Afr. 5: 750. 1894, nom. nud.

"Nossibe, Hildebr. 3350"

= *Echinochloa*

[Hackel did not write the grass part but gave notes and advice]

Panicum hillebrandianum Hitcho. Mem. Bishop Mus. 8: 197. 1922.

Based on *Panicum monticola* Hillebr. Not *P. monticola* Hook.f.

Mt. Eke, Maui, Hawaiian Is.

Panicum hillebrandianum var. *gracilius* Skottsbo. Acta Hort. Göthob. Bot. Trädgård 15: 296. f. 118-124. 1944.

"Kauai: Alakai, Lehua makaoe, wet place in bog c. 1200 m, fl. 13/8" (2884 L. M. Cranwell and C. Skottsberg, collectors)

Hawaiian Isls.

Panicum hillmanii Chase, Journ. Washington Acad. Sci. 14: 345. 1924.

"Type in the U. S. National Herbarium no. 1,037,542 collected on "plain, Amarillo, Texas, August 11, 1918" by A. S. Hitchcock (no. 15206)."

Man. U. S.

Panicum hintoni Swallen, Contr. U. S. Nat. Herb. 29: 419. 1950.

Type in the U. S. Nat. Herb. No. 1867697, collected at Bejuos, Temascaltepec, State of Mexico, Mexico, altitude 610 meters, November 8, 1932, by George B. Hinton (No. 2527).

Panicum hippothrix Schum. ex Engl. Abh. Preuss. Akad. Wiss. (Berlin) 22. 1894; Engl. Pflanzenw. Ost.-Afr. 5C: 103. 1895.

"Ghasal--Quellengebiet. (Mewa--Holst. n. 3117)."

Africa

Panicum hirstii Swallen, Rhodora 63: 236. 1961.

"Type in the U.S. National Herbarium No. 2,306,491 collected in Leipzig Ave. Pond, Germania, Atlantic Co. New Jersey, June 7, 1959, by Frank Hirst (no. 47). Additional: N.J. small woodland pond, pine barrens in Galloway Township, S.E. of Egg Harbor City (type locality) Aug. 11, 1959, Bayard Long 85320. Georgia: Margin of pine barren pond, Sumter Co., Aug. 23, 1900, Roland M. Harper 458; Cypress swamp, 1 mile north of Leary, Calhoun Co., May 31, 1947, Robert H. Thorne 4313.

Panicum hirsutissimum Steud. Syn. Fl. Glum. 1: 72. 1854.

Based on "P. maximum et hirsutissimum Nees, Fl. Afr. 36."

In Nees (l.c.) "C. *Hirsutissimum*" sub P. maximum Jacq.

"Afr. austr."

Panicum hirsutulum Rendle, Cat. Afr. Fl. Welw. 2V: 176. 1899.

"Pungo Andongo...Very rare by springs in high rocky places of the praesidium near Quilombo... No. 2824...In wooded places by the banks of the river Luxillo between Pungo Andongo and Cambambe... No. 7421." [Welwitsch]

Africa

= P. Griffonii Franch. in Stapf

Panicum hirsutum Swartz, Fl. Ind. Occ. 1: 173. 1797.

"Habitat in Jamaicae et Hispaniolae graminosis." [Swartz]

Man. U. S.

Man. W. I.

Panicum hirsutum Lam. Encycl. 4: 741. 1798. Not Swartz 1797.

"Cette plante croît à Cayenne, d'où elle a été envoyée par le citoyen Leblond pour l'herbier du Muséum."

French Guiana

= P. millegrana, Panicum H. & C.

Panicum hirsutum Koen. ex Roxb. Hort. Beng. 7. 1814, without descr.; Fl. Ind. ed. Carey 1: 303. 1820. Not Swartz 1797.

"Is found on the borders of cultivated land, on pasture ground &c" India

Panicum hirsutum Moon, Cat. 8. 1824, nom. semi-nud. Not Swartz 1797.

Latin & English names, Singhalese name and character, situation and soil. No description

Cult. Ceylon

Panicum hirsutum (Beauv.) Raspail, Ann. Sci. Nat. I. 5: 299. 1825. Not Swartz 1797.

Based on *Streptostachys* [hirsuta] Beauv.

S. America

= P. asperifolium (Desv.) Hitchc.

Panicum hirsutum Willd. ex Spreng. Syst. Veg. 1: 317. 1825. Not Swartz 1797; as syn. of P. dasytrichum Spreng.

"W. herb."

= P. rudgei Roem & Schult.

Panicum hirsutum Heyne ex Wall. List n. 87348 1828, nom. nud.

India

Panicum hirsutum Vahl ex Griseb. Fl. Brit. W. Ind. 548. 1864, as syn. of P. diffusum. Not Swartz, 1797.

"P. hirsutum V. (non Sw.)"

Doubtful species---H. & C.

Panicum hirtellum L. Syst. Nat. ed. 10. 2: 870. 1759.

[no place given] "Brown jam. 133" habitat in India"---Sp. Fl. ed. 2. 83. 1763.

Jamaica

Basis of *Oplismenus hirtellus* (L.) Beauv.

Man. Jr. W. I.

Panicum hirtellum L. misappl. by Burm. f. Fl. Ind. 24. pl. 12. 1768; Thunb. Fl. Jap. 46. 1784.

India

Panicum hirtellum L. misappl. by All. Fl. Pedem. 2: 240. 1785.

Italy

Panicum hirtellum Walt. Fl. Carol. 72. 1788. Not L. 1759.

South Carolina

= *Echinochloa walteri* (Pursh) Heller Man. U. S.

Panicum hirtellum Bartr. Travels 430. 1791. Not L. nor Burm f.

Between Manchac and Baton Rouge, on the banks of the Mississippi River in Louisiana.

"= *Echinochloa* sp."--Merrill
Bartram's note suggests E. walteri.

Panicum hirticalycinum Bosc. ex Roem. & Schult. Syst. Veg. 2: 468. 1817, as syn. of *Anthraenantia villosa*; Bosc. ex Steud. Nom. Bot. ed. 2. 2: 257. 1841, as syn. of P. erianthum.

= *Anthraenantia villosa* (Michx.) Beauv. Man. U. S.

In Hb. Haun [Copenhagen] is a specimen of Anth. villosa (very poor, spikelets mostly fallen) labeled "Hb. Vahl"

"Panicum hirticalyx"
[Bosc] Carolina

Panicum hirticalycinum Bosc ex Spreng. Syst. Veg. 1: 315. 1825, as syn. of P. erianthum Poir.

= *Anthraenantia villosa* Man. U. S.

Panicum hirticaule Presl, Rel. Haenk. 1: 308. 1830.

"ad Acapulco, Mexico." [Haenke] Man. U. S.

Panicum hirticaule var. *glabrescens* Walp. Ann. Bot. 6: 952. 1861.

"In ins. Chatham."

Galapagos Isls.

Panicum hirticaule var. *majus* Walp. Ann. Bot. 6: 952. 1861.

"In insula Infatigable."

Galapagos Isl.

Panicum hirticaule var. *minus* Walp. Ann. Bot. 6: 952. 1861.

"Hab. in insula Chatham et Charles."

Galapagos Isl.

Panicum hirticaule Desv. Opusc. 88. 1831. [90]
Not Presl 1836.

"Crescit in Brasillio."

[unknown]

Panicum hirticaule Presl misapplied by Doell in Mart. Fl. Bras. 2C: 219. 1877; as syn. of *P. cayennense* Lam. Error for *hirticaule* Brazil

Panicum hirtifolium Ridley, Mat. Fl. Mal. Penins. 3: 141. 1907.

"Selangor: Semangkok Pass (Ridley 12046)."

Malay Peninsula

Panicum hirtivaginum Hitchc. Contr. U. S. Nat. Herb. 12: 223. 1909.

"Wright 758 U. S. National Herbarium no. 559958."

"Cuba"

T

= P. ghiesbreghtii Fourn.

Man. U. S.

Man. W. I.

Panicum hirtum Lam. Encycl. 4: 741. 1798.

"Cette plante croît à Cayenne, d'où elle a été envoyée par Jos. Martin, pour l'herbier du Muséum."

French Guiana

Panicum hirtum Roth, Nov. Fl. Ind. Orient. 46. 1821. Not Lam. 1798.

"Hoc nomine inscriptum erat in Collectione plantarum Indiae orientalis ab honoratiss. Heyne accepta."

= *Urochloa panicoides* Beauv. fide Bor, Kew Bull. 1954: 547.

East Indies

Panicum hirtum Nees, Agrost. Bras. 212. 1829.

Error in Ind. Kew. 2: 414. 1894. Under P. trachyspermum Nees refers to a specimen in Herb. Willd. labeled P. hirtum, the true *Panicum hirtum* Lam. not there.

Panicum hirtum Willd. herb. ex Kunth, Enum. Fl. 1: 112. 1833. Not Lam. 1798. as syn. of *Panicum trachyspermum*.

Panicum hispidifolium Swallen, Contr. U. S. Nat. Herb. 29: 424. 1950. nom. nov.

Based on *Panicum hispidum* Swallen. Not Forst. 1786. Honduras

Panicum hispidissimum Peter, Repert. Sp. Nov. Fedde Beih. 40: 192 & Anhang, 39. pl. 12. f. 1. 1930.

"Deutsch Ost Afr. ...[st] Usambara; Kijango → Mashewa, im Kilemele - See,Peter 13141 (Spec. authentica)"

Tanganyika

Panicum hispidissimum var. *gracilius** Peter, Repert. Sp. Nov. Fedde Beih. 40: 192 & Anhang, 40. 1930. [*spelled gracile p. 40]

Deutsch Ost Afr.: W[est] Usambara: am Pangani-Fl. bei Korogwe (Peter 3853e, 3858b)

Tanganyika

Panicum hispidulum Retz. Obs. Bot. 5: 18. 1789.

"Ex India Orientali misit honor. König."

Basis of *Echinochloa hispidula* (Retz) Keng. 1940.

Panicum hispidum G. Forst. Fl. Ins. Austr. Prodr. 7. 1786.

Nova Caledonia

Panicum hispidum Muhl. Desor. Gram. 107. 1817.

Not G. Forst., 1786.

Name only, Muhl. Cat. Fl. 9. 1813.

"Habitat in Carolina, Delaware, et Nov. Ebor." [New York]

= *Echinochloa walteri* Man. U. S.

Panicum hispidum Swallen, Contr. U. S. Nat. Herb. 29: 269. 1949. Not Forst 1786.

Type in the U. S. National Herbarium, No. 1869144, collected at Guinope, Department of El Paraiso Honduras, altitude 1,981 meters, January 1, 1944, by Juvenal Valerio Rodríguez (No. 1981).

P. hispidifolium Swallen based on this.

Panicum Hochstetteri Steud. Syn. Fl. Glum. 1: 90. 1854.

"*P. patens*. Hochst. Hrbr. un. it. Abyss. nr. 115."

"Abyssinia" [Schimper] Africa

Panicum hochstetteri var. *glaberrimum* Chiov. Ann. Ist. Bot. Roma 8: 308. 1908.

"Amasem: Altipiano di Asmara (Tellini n. 350). Sarab: Gaza-Gobu... (P. n. 129)."

[Colonia Eritrea. Africa]

Panicum hochstetteri var. *gracilis* Chiov. Ann. di Bot. 5: 61. 1906.

Riva n. 1519 (1641)

Villaggio di Burgi (Hamara) Somalia

Africa

Panicum hochstetteri var. *trichanthum* (A. Rich.) Chiov. Ann. Ist. Bot. Roma 8: 308. 1908.

Based on [*P. trichanthum* A. Rich.]

Ambaetcha (Quartin Dillon); Mt. Selleuda (Schimper Abyss. sect. 1. no. 115).

Abyssinia

Panicum hochstetterianum A. Rich. Tent. Fl. Abyss. 2: 369. 1851.

"Hochst., in pl. Schimp. Abyss., sect. 1, no. 61."

"Crescit in arvis et pratis prope Adoua ... (Schimper)."

T spikelets glabrous

= *P. helopus* Trin. fide Stapf.

Africa

Panicum hodjelense Mez, Notizbl. Bot. Gart. Berlin 7: 67. 1917.

"Arabia felix, ad Regna prope Hodjela (Schweinfurth ed. Barbey n. 950)."

Panicum Hoffmannseggii Roem. & Schult. Syst. Veg. 2: 450. 1817.

"*P. villosum* Com. de Hoffmannsegge." cited as syn. [Brazil?]

Roem. & Schult. say: "Multum affine villosa, sed comparato specimine nostro a munificentia ill. Com. de Hoffmannsegge nobiscum communicato cum descriptione Lamarckii, tamem diversum."

Basis of *Ichnanthus hoffmannseggii* (Roem. & Schult.) Döll

Panicum holciforme (H.B.K.) Steud. Nom. Bot. ed. 2. 2: 257. 1841.

Based on *Oplismenus holciformis* H.B.K. [Humb. & Bonpl.]

= *Echinochloa holciformis* (H.B.K.) Chase

Cinsapucaro, Mexico

Panicum holcoides Jacq. Elog. Gram. pl. 22. 1814 of. Roxb. 1820 [Acc. to inf. on date cards this would be 1820, though Hubbard says 1814]

"See letter from Hubbard (in types *Pennisetum holcoides*); says Jacq. and Roxb. had different grasses."

Cites "*P. holcoides*. Roxburgh in litteris, 1802." "*P. holcoides* Donn Hortus cantabrigiensis. Edit. 7. pag. 22."

India. Asia

Panicum holcoides Roxb. Hort. Beng. 7. 1814, without descr.; Fl. Ind., 1: 288. 1820. Not Jacq. 1814 or 1820.

Note by A.C.: "Seem to be same thing. See Jacq. who cites Roxb. ined. but erroneously. See note by Hubbard on type *Panicum holcoides* Roxb." "for sp. so-called see *P. pedicellatum*"

"grows...on cultivated lands, but chiefly up amongst the mountains." India

Asia

= *Pennisetum* acc. Leeke

Panicum holcoides Hort. ex Trin. Gram. Pan. 163. 1826, not Roxb. 1820, as syn. of *Panicum glaucum* L.

Panicum holochrysum Trin. Mém. Acad. St. Pétersb. VI. Sci. Nat. 1: 195. 1834.

Subdivision I. Cabrera

= "*Paspalum radiatum* Trin. in Cat. dupl. mus. Acad. Petrop." (Cited in above)

"v. spp. Bras." "*Paspalum radiatum* Trin. in Cat. dupl. mus. Acad. Petrop." cited as syn.

South Amer.

= *Axonopus* aff. *aureus*, rachis narrow

See A.S.H.: 691 2: 99 Refer to his Eur. Notes with his 4: 3 fieldbooks.

Panicum hololeucum Mez, Notizbl. Bot. Gart. Berlin 7: 72. 1917.

"*Brasilia*, loco non indicato (Glaizou n. 2011)."

T = *P. cyanescens* Nees

Panicum holosericeum R. Br. Prodr. Fl. Nov. Holl. 190. 1810.

"(T) *Littora Novae Hollandiae intra tropicum*." Australia

Panicum Holtzii Peter, Repert. Sp. Nov. Fedde Beih. 40: 173. 1930.

Deutsch-Ost. Afr. Usaramo: Daressalam! German East Afr.

Panicum holubii Stapf in Thiseit.-Dyer, Fl. Cap. 7: 394. 1899.

Kalahari Region...without precise locality, Holub! Also on the upper Zambesi (Holub)."

Basis of *Echinochloa holubii* (Stapf) Stapf.

Africa

Panicum Homblesi Robyns, Mém. Inst. Colon, Belge Soc. Sci. Nat. & Med. 1: 35 (repr.). pl. 2. f. G-M. 1932

"District du Haut-Katanga: Elisabethville, ... février 1912, Homblé 134 (type)."

Belgian Congo

Panicum homonymum Steud. Syn. Fl. Glum. 1: 48. 1854.

"Hrbr. Boyle nr. 47. *P. Chamaeraphis* Nees mpt. non Trin. Nepal India

Panicum hondurensis Swallen, Contr. U. S. Nat. Herb. 29: 270. 1949.

Type in the U. S. National Herbarium, No. 1869140, collected at San Lorenzo, Department of Valle, Honduras, altitude 20 meters, September 10, 1945, by Juvenal Valerio Rodríguez (No. 3323).

Panicum hookeri Parl. Atti Riun. Sci. Ital. 8: 586. 1847.

[delle isole del Capo Verde]

Cape Verde, Africa

Panicum Hookerianum Balansa, Bull. Soc. Bot. France 19: 326. 1872.

"Cultures indigènes (Baudouin, Fancher)."

Nouvelle-Calédonie

New Caledonia

Panicum hordeaceum (R. Br.) Raspail, Ann. Sci. Nat. I. 5: 299. 1825.

Based on "*Chamaeraphis* [hordeacea] R. Br."

[type species of *Chamaeraphis* R. Br.]

Australia

Panicum hordeiforme (L.) Thunb. Fl. Japon. 46. 1784.

"*Alopecurus hordeiformis* Linn." cited by Thunb. but species described from Nagasaki, Japan.

India Asia

= *Pennisetum* fide Leeke

Panicum hordeoides Lam. Tabl. Encycl. 1: 170. 1791.

"E Siera-Leona."

Africa

= *Pennisetum* fide Leske

Panicum horizontale (Willd.) G. Meyer, Prim. Fl. Esseq. 54. 1818.

Based on *Digitaria horizontalis* Willd.

Santo Domingo

= *Digitaria horizontalis* Man. W. I.

Panicum horizontale var. *glabriusculum* Nees, Fl. Afr. Austr. 1: 24. 1841.

"in hortis Caffrorum ad Port Natal alt. 500'." Drège

Africa

= *Digitaria*

Panicum horizontale var. *subcompositum* Nees, Fl. Afr. Austr. 1: 24. 1841.

in hortis Caffrorum ad Port Natal infra 200' alt. (Drège)

South Africa

Panicum horridum Salzm. ex Steud. Syn. Fl. Glum. 1: 47. 1854, as syn. of *P. Crus-galli* L.

"Hrbr. Bahia" Brazil. [Salzmann]

= *Echinochloa*

Panicum horticolum Steud. Syn. Fl. Glum. 1: 95. 1854.

"Isachne prostrata Hort. Berol. Patria?"

Panicum Hostii Bieb. Fl. Taur. Cauc. 3: 57. 1819.

Based on "*P. stagninum* Host."

Basis of *Echinochloa orusgalli* var. *hostii* Richt. Caucasus

Panicum Huachucae Ashe, Journ. Elisha Mitchell Soc. 15: 51. 1898.

Lemmon, Huachuca mountains, Arizona 1882. Man. U. S.

Panicum huachucae var. *fasciculatum* (Torr.) Hubbard, Rhodora 14: 171. 1912.

Based on *P. dichotomum* L. var. *fasciculatum* Torr. Man. U. S. New Jersey

Panicum huachucae var. *silvicola* Hitchc. & Chase in Robinson, Rhodora 10: 64. 1908.

"Type, District of Columbia, Chase no. 2400, in National Herbarium."

= *P. huachucae* var. *fasciculatum* (Torr.) Hubbard. Man. U. S.

Panicum huillense Rendle, Cat. Afr. Fl. Welw. 2: 174. 1899.

[Angola]

"Huilla.-- Poor damp pastures in the Humpata district....No. 2699." [Welwitsch]

Africa

Panicum humbertii A. Camus, Bull. Soc. Bot. France 72: 620. 1925. [Not Robyns 1932]

"Madagascar: massif de Manongarivo,(Ferrier de la Bèthie, no. 11088)."

Panicum Humbertii Robyns, Mem. Inst. Col. Belge Soc. Sci. Nat. & Med. 1: 61 (repr.) pl. 5. f. G.M. 1932. Not A. Camus 1925.

"District des Lacs Albert et Édouard: Vallée de la Semliki à l'est de Beni....juillet 1929, Humbert 8759 (type)

Belgian Congo

Panicum humboldtianum (Flügge) Kuntze, Rev. Gen. Fl. 33: 361. 1898.

Based on "*Paspalum humboldtianum* Fluegge)."

Equador. Humb. & Bonpl.

Panicum humidicolum Rendle, Cat. Afr. Fl. Welw. 2: 169. 1889.

"Huilla.--In rather damp wooded meadows near the river Monino...No. 2678." [Welwitsch]

Angola, Africa

= *Brachiaria dictyoneura* (Fig. & DeNot.) Stapf

Panicum humidum Buch.-Hamilt. ex Wall. List n. 8721. 1849, nom. nud.; ex Hook.f. Fl. Brit. Ind. 7: 53. 1896.

India Assam; Goalpara, Hamilton

Panicum humidum var. *perakense* Hook.f. Fl. Brit. Ind. 7: 54. 1896.

"Perak, King's Collector (n. 2546)."

Malay Peninsula

Panicum humifusum (Pers.) Kunth, Rev. Gram. 1: 33. 1829.

Based on *Digitaria humifusa* Pers.

France

= *Digitaria ischaemum* (Schreb.) Schreb. Man. U. S.

Panicum humile Trin. Gram. Pan. 167. 1826, as syn. of *P. verticillatum* L., with description, as syn. of *Panicum verticillatum* L.

"Ex Anglia miss. (Lindley)."

England

Panicum humile Thunb. ex Trin. Gram. Pan. 164. 1826, as syn. sub *Panicum viride* L.

= *Setaria viridis* (L.) Beauv.

"(e semin. ab ipso miss.) "montibus Altaicis."

Siberia Asia

Panicum humile Nees ex Steud. Syn. Fl. Glum. 1: 84. 1854. Not Thunb. ex Trin. 1826.

"Ceylon"

Basis of *Panicum austro-asiaticum* Ohwi, Act. Phytotax & Geobot. 11: 45. 1942.

Ceylon

Panicum humile Nees ex Aitch. Cat. Punjab. Fl. 159. 1869, nom. nud. Not Thunb. ex Trin. 1826.

India

Panicum hybridum Trin. ex Steud. Nom. Bot. ed. 2. 2: 257. 1841, nom. nud.

Guadalupe W. I.

Panicum hydaspium Edgew. Journ. Linn. Soc. Bot. 6: 207. 1862.

"Rechnab Bar." [Flor. Malloca]

Based on *P. humile* Aitch.? Not Trin.

Multan, Punjab-India

Panicum hydrophilum Schult. Mant. 2: 237. 1824.

Based on *P. aquaticum* Muhl.

= *Sacciolepis striata* (L.) Nash Man. U. S.

Panicum hydrophilum Trin. ex Nees, Agrost. Bras. 208. 1829 (not Schult. 1824); as syn. of *P. dubium* Lam. [Trin. refers this name to *P. potamium* Trin.]

= *P. polygonatum* Schrad.

Panicum hydrophilum Salzm. ex Steud. Nom. Bot. ed. 2. 2: 257. 1841, nom. nud. Not Schult. 1824.

[Brazil--Bahia] Salzmann

Panicum hydrophilum Salzm. ex Steud. Syn. Fl. Glum. 1: 71. 1854.

"Bahia" Brazil

= *P. aquaticum* Poir. H. & C. 474

Panicum hygrocharis Steud. Syn. Fl. Glum. 1: 72. 1854.

"*P. paludosum* Hochst. Hrbr. un. it. nr. 1786." [Schimper] cited.

"Abyssin" Africa

Panicum hylaeicum Mez, Notizbl. Bot. Gart. Berlin 7: 75. 1917.

"Brasilia sept., Dept. Para prope Santarem (Spruce Panic. n. 261)."

Panicum Hymenachne (Poir.) Desv. Opusc. 82. 1831.

Based on *Agrostis monostachya* Poir.

Agrostis monostachya in herb. in Florence

= *Hymenachne amplexicaulis* Man. W. I.

Panicum hymenochilum Nees, Fl. Afr. Austr. 46. 1841.

"In graminosis inter Omsanculo et Omcomas alt. 500' (Drège) So. Africa

Panicum hymenochilum var. *glandulosum* Nees, Fl. Afr. Austr. 47. 1841.

"in graminosis ad Ombas infra 400' (Drège)

So. Africa

Panicum Hystrix Steud. Syn. Fl. Glum. 1: 95. 1854.

"Jardin legit in Ins. Los."

French Guinea. Africa

Panicum lanthum Stapf in Prain, Fl. Trop. Afr. 9: 663. 1920.

"Lower Guinea: Angola: Huilla, in damp pastures, Welwitsch, 2671; Mozambique Distr. Rhodesia: M'rawa, near water, Appleton, 61"

Africa

Panicum ibitense A. Camus, Bull. Soc. Bot. France 72: 371. 1925.

"Madagascar centr.: cime du Mont Ibity, ... (Perrier de la Bathie, no. 10.771)."

Panicum ichnanthoides Fourn. in Hemsl. Biol. Centr.

Amer. Bot. 3: 490. 1885, nom. nud.; Fourn. Mex. Fl. 2: 30. 1886.

"Orizaba (F. Mill. n. 2082 in herb. Petrop.)"

Specimen in herb. Petrop. is 2002. [See A.S.H. note-book 1: 192]

Mexico

H. & C. Trop. N. Am. Pan. 488. 1915.

Panicum Iohnanthum Nees, Agrost. Bras. 149. 1829.

Based on "*Iohnanthus panicoides* Pal. de Beauv."

" = " Beauv.

"croit dans l'Amerique meridionale," from Desfontaines

Panicum ichnodes Griseb. Fl. Brit. W. Ind. 551. 1864.

"Hab. Trinidad! Cr[eiger] heights of s. Anne."

A.S.H.--Eur. Notes. See his field books.

= *Iohnanthus ichnodes* (Griseb.) Hitchc. & Chase

Man. W. I.

Panicum ignoratum Kunth, Rev. Gram. 2: 217. pl. 20. 1830.

"Crescit in Carolina." [based on Michaux's collection, i.e. *Phalaris villosa* Michx.]

= *Anthraenantia villosa* (Michx.) Beauv. Man. U. S.

Panicum ihosyense Camus, Bull. Soc. Bot. France 81: 53. 1934.

"Madagascar C.: environs d'Ihosy; juin 1933 (Perrier de la Bathie, no. 19271)."

Panicum ikopense A. Camus Bull. Soc. Bot. France 99: 63-64. 1952.

Madagascar:

Ouest: Firingalava, rochers humides, chutes de l'Ikopa, Ikalominty (Perrier 593, type.)

Panicum illinoiense Desv. Opusc. 91. 1831.

= *P. fasciculatum* Sw.

Man. U. S.

"Habitat in America boreali"

Panicum imbecille (R. Br.) Trin. Gram. Icon. 2: pl. 191. 1829.

Based on "*Orthopogon imbecillis* Br."

= *Oplismenus imbecillis* (R. Br.) Roem. & Schult.

Port Jackson -- Hunters River vel Coal River

[Australia]

Panicum imbelles Spreng. Syst. Veg. 1: 321. 1825.

"Patria ? (*P. parviflorum* Lam. W. herb.)"

1825, not R. Br. 1810.

Panicum imberbe Poir. in Lam. Encycl. Suppl. 4: 272. 1816.

"In America septentrionali & Brasilia [no collector]"

= *Setaria geniculata* Man. U. S.

N. Amer. and Brazil

Panicum imberbe Schlecht, Linnaea 31: 431. 1861-62
Poir. 1816 is meant!

"In America septentrionali et Brasilia."

[Schlechtendal is discussing "*Setaria imberbe* Poir." and puts it in *Panicum*. It was descr. by Poir. as *Panicum* and put in *Setaria* by Roem. & Schult.]

= *Setaria*

Panicum imberbe var. *dasyurum* Doell in Mart. Fl. Bras. 2^o: 157. 1877.

Based on *Panicum dasyurum* Nees

"prov. Minarum (Regnell, Claussen n. 1016) et in ditione Paraensi (Hoffmannsegg, Herb. Willd. n. 18812)."

= *Setaria*

Brazil

Panicum imberbe var. *glauco-caesium* Doell in Mart. Fl. Bras. 2^o: 157. 1877.

"prope Montevideo (Deloche in herb. Buchinger)."

= *Setaria*

Uruguay

Panicum imberbe var. *gracilis* (H.B.K.) Kneuk. Allg. Bot. Zeitschr. 8: 13. 1902.

Based on *Setaria gracilis* H.B.K.

Setaria

inter Fusagasuga et Pandi, Novogranatensi

Colombia

Panicum imberbe var. *latifolium* Doell in Mart. Fl. Bras. 2^o: 157. 1877.

"in prov. Piahy (Gardiner n. 3516), ad Caldas prov. Minarum (Regnell III, n. 1372), prope Curvellos (Lund), prope Bahia (Salzmann) et ad Rio de Janeiro (Graziou n. 4337)."

= *Setaria*

Brazil

Panicum imberbe var. *purpurascens* (H.B.K.) Doell in Mart. Fl. Bras. 2^o: 157. 1877.

"*Panicum purpurascens* H.B.K. Nov. Gen. et sp. I: 110. (herb. Willd. n. 18803);" cited as basis.

In H.B.K. Nov. Gen. & Sp. 1: 110. 1816. the name is *Setaria purpurascens* H.B.K.

Ecuador

Panicum imbricatum Hillebr. Fl. Hawaiian Isl. 501. 1888.

"Swampy summit of Mt. Eoka, Maui."

[Hillebrand]

Hawaiian Isls.

A.S.H. Gr. Hawaii

Panicum imbricatum f. *minus* Skottsb. Acta Hort. Gothob. 15: 290. 1944.

"Kauai: Waialeale with the former, fl. 23/8 (3066 b). [Cranwell, Selling & Skottsberg -- 1938 coll.]

Hawaiian Isls.

Panicum imbricatum var. *molokaiense* Skottsb. Acta Hort. Gothob. 15: 290. f. 52-66, 104. 1944.

"Molokai: Pepeopae bog, s. 1200 M, fl. 6--717 (2524) [Cranwell, Selling & Skottsberg. 1938]; sterile spms (3816, L. M. Cranwell)..."

Hawaiian Isls.

Panicum imbricatum var. *oreoboloides* Whitney, Ocas. Papers Bishop Mus. 13⁴⁶: 173. f. 2. 1937.

"Hawaiian Islands: Kauai, Wahiawa Swamp, Aug. 1909, C. N. Forbes 184 (type in Bishop Museum)."

Panicum immersum (Nees) Trin. Mém. Acad. St. Pétersb. VI. Sci. Nat. 1: 197. 1834.

Based on *Paspalum immersum* Nees

Prov. Minarum. Brazil. S. Amer.

= *Axonopus chrysoblepharis*

Panicum imperfectum Roxb. ex Kunth, Enum. Fl. 1: 61. 1833, as syn. of *Paspalum compactum* Roth.

"*Panicum imperfectum* Roxb. io. 800" in Brit. Mus. Herb., published as *Panicum corymbosum*, is *Digitaria* sp.--see card in Types. A.S.H. notes 1930.

Ind. Or. (Hayne)

Panicum implicatum Scribn. in Britt. & Brown, Illustr. Fl. 3: 498. f. 267a. 1898.

Also published in U. S. Dept. Agr. Div. Agrost. Bull. 11: 43. f. 2. July 20, 1898.

Low marshy ground, Cape Elizabeth, Maine. Collected by F. Lamson-Scribner, July 26, 1895.

Man. U. S.

Panicum impressum Nees, Agrost. Bras. 247. 1829.

"Habitat in sylvis ad Villam de Rio de Contas provinciae Bahiensis." [Martius]

T = *Setaria tenax*

Brazil

Panicum inaequale F. Muell. Phyt. Austr. Fragm.

8: 189. 1874.

Ad flumen Dawsoni, F. M.; ad amnem Herberti, Bowman.

Australia

Panicum inaequale Fourn. in Hemsl. Biol. Centr. Amer.

Bot. 3: 490., not Muell. 1874, nom. nud.;

Mex. Fl. 2: 17. 1886.

"*Paspalum inaequalis* Link?" [queried, therefor not Type] [Link gives Manila (Chamisso), Fournier gives Vera Cruz, Julio (Gouin n. 38).] (not *Digitaria*)

= *Digitaria* see Type

Panicum inaequale Pilger, Bot. Jahrb. Engler 30: 133. 1901. Not Muell., 1874 nor Fourn. 1886.

"Mattogrosso: Zerstreut auf sumpfiger Wiese an der Piava (n. 499-April 1899)." Coll. Hermann Meyer

§ *Otachyrium*

Brazil

Panicum inaequilatum Stapf & Hubb. Kew Bull. Misc. Inf. 1927: 267. 1927.

"Tropical Africa. S. Rhodesia: Umali, 1560 m., on hillsides in shade of bush and undergrowth, Feb. 1926, Herb. Dept. Agric. S. Rhod. 3375."

aff. *P. aequinervis* Nees

Panicum inaequivalve (Raddi) Kuntze, Rev. Gen. Pl.
3: 361. 1898.

Based on "(Paspalum in [aequivalve] Raddi)."

= *Paspalum inaequivalve* Raddi

Rio de Janeiro Raddi

Panicum ineanum Schumacher, Beskr. Guin. Fl. 80. 1827.

"Guinea, Africa." [Thomson and other Danish botanists--from title]

Panicum incertum Bosc. ex Steud. Nom. Bot. ed. 2.
2: 258. 1841, as syn. of *P. colonum* L.

Europe

= *Echinochloa colonum*

Panicum incisum Munro ex C. B. Clarke, Journ. Linn.
Soc. Bot. 25: 84. pl. 33. 1889.

"(in Griffith Kew, n. 6505)." C. B. Clarke, Coll.

"Nambre Forest,..." [Naga Hills, n. 40799]

Assam - British India

Panicum incoemptum Fig. & De Not. Mem. Acad. Torino
II. 14: 344. 1854. (Separate 1853) Not P.
incoemptum Trin. 1826.

"In Nubia superiore ad flumen caeruleum."
[Blue Nile]

Africa

Panicum incoemptum var. *pubescens* Buse in Miquel, Fl.
Jungb. 375. 1854.

"Habitat in Sumatrae provincia Angkola superiore
prope Tobing, et insulam Javae. Jungb"

Panicum incoemptum Trin. Gram. Pan. 200. 1826.

"V. spp. Manill. (Chamisso)."

Philippine Islands

Panicum inconstans Trin. in Nees, Agrost. Bras. 132.
1829. "Trin. in Litt."

"Habitat in fruticetis umbrosis regionis Serra da
Lapa dictae... (a Langsdorff. Herb. Acad. Imper.
Petropol. et Trin.)"

Brazil

Panicum inconstans var. *dumetorum* Trin. Mem. Acad. St.
Petersb. VI. Sci. Nat. 1: 323. 1834.

"(Trin. in gr. XXVII. tab. 320)."

Brazil

Panicum inconstans var. *montana* Trin. Gram. Icon.
3: pl. 321. 1832.

"in summo monte da Sillada pr. Camapuan Brasiliae
lectum."

[basis of *Ichnanthus montanus* (Trin.) Mez.

Panicum incrassatum Hochst. Flora 38: 197. 1855.

(Hb. abyss. Buch. nr. 1211.) [Schimper Coll. in
1853]

Basis of *Setaria incrassata* (Hochst.) Hack. 1930.

Africa

Panicum incumbens Swallen, Contr. U. S. Nat. Herb.
29: 417. 1950.

Type in the Chicago Natural History Museum, No.
1039524, collected in cloud forest on top of Cerro
Tixixi, 3-5 miles north of Jocotan, altitude 500-
1500 meters, Department of Chiquimula, Guatemala,
November 10, 1939, by Julian A. Steyermark
(No. 31573).

Panicum incurvum L. ex Munro, Journ. Linn. Soc. Bot.

6: 39. 1862. "a hairy-glumed state of the preceding
[P. Indicum] Not Peter 1930!

Specimen also marked *Panicum Johannae*.

= *Sacciolepis*--type not seen by A.S.H.

Panicum incurvum (Stapf) Peter, Repert. Sp. Nov. Fedde
Beih. 40: 202, 203. 1930. Not L. 1862!

Based on *Sacciolepis incurva* Stapf

Mozambique Ukinga; Nadoheni...Stolz 2484

Africa

Panicum indicum Mill. Gard. Diet. ed. 8. n. 3. 1768.

Based on "*Panicum Indicum*...C. B. P. 27."

= *Pennisetum glaucum* (L.) R. Br.
[misapplied to *Setaria* by R. Br.]

Panicum indicum L. Mant. Pl. 2: 184. 1771. Not
Mill., 1768.

Based on *Aira indica* L.

= *Sacciolepis indica* (L.) Chase Man. U. S.

East Indies

(Trin.)
Panicum indicum var. *angustum* Hook.f. Fl. Brit. Ind.
7: 42. 1896.

"This, the *P. angustum* Trin., is a starved form."

India

Sacciolepis angusta (Trin.) Stapf

Nepal

Panicum indicum var. *brachiatum* Hook.f. Handbk. Fl.
Ceylon 5: 148. 1900.

"Peradeniya (Thwaites)."

= *Sacciolepis*

Ceylon

Panicum indicum var. *contractum* Miquel, Bot. Mag.
Tokyo 11: 54. 1897, descr. in Japanese.

Japan

Panicum indicum var. *elatum* Hook.f. Fl. Brit. Ind.
7: 42. 1896.

"Khasia hills, in wet places."

India

Panicum indicum var. *gracile* Hook.f. Fl. Brit. Ind.
7: 42. 1896.

"Nepal, Kumaon, Sikkim & o."

Panicum indicum var. *nudicaule* Camus, Not. Syst.
Lecomte 2: 252. 1912.

"Chine: Yunnan-sen, nos. 4183, 5629 [Ducloux]."

Panicum indicum var. *oryzorum* Makino, Bot. Mag.
Tokyo 27: 28. 1913.

"Japan"

Panicum indicum var. *pilosum* Hook.f. Fl. Brit. Ind.
7: 42. 1896.

"Khasia hills."

India

= *Sacciolepis*

Panicum indicum var. *purpureum* Camus, Not. Syst.
Lecomte 2: 252. 1912.

"Chine: Yunnan-sen, no. 4184 [Ducloux]."

Panicum indicum var. *turgidum* Hook.f. Fl. Brit. Ind.
7: 42. 1896.

"*Panicum*, Wall. Cat. n. 8697, 8698. In wet places."
List

India

Panicum indicum var. *vilfodes* (Trin.) Kuntze, Rev.
Gen. Pl. 3: 361. 1898.

Based on *Panicum vilfodes* Trin.

= *Sacciolepis vilvodes* (Trin.) Chase

Brasil. (Fischer type Trin. Herb.

Panicum indicum var. *villosum* Hook.f. Fl. Brit. Ind.
7: 42. 1896.

"*Panicum*, no. 39. Herb. Ind. Or. Hook. f. & T.--
Khasia hills, alt. 5-6000 ft."

India

= *Sacciolepis*

Panicum indutum Steud. Syn. Fl. Glum. 1: 68. 1854.

"Jardin legit ad fluv. Gabon Guineae."

Africa

Panicum ineptum Hitchc. & Chase, Contr. U. S. Nat. Herb.
17: 509. f. 98. 1915.

"Type in the herbarium of Krug & Urban in the Berlin
Botanical Museum, the ticket reading '817 *Panicum*
----S. Domingo, Bertero, Hb. Spr.'"

= *P. venezuelae* Hack.

W. I.

Panicum infestum Anderss. in Peters, Reise Mossamb.
Bot. 546. 1864.

"Standort: Auf feuchten sandigen Feldern der Que-
rimba-Küste, 1-1 Stunde vom Meere, im Monat Mai
eingesammelt." [Peters in 1842-1848] from title.

Querimba Isl. Africa

Panicum infidum Steud. Syn. Fl. Glum. 1: 63. 1854.

"*P. distachyum* Zolling. hrbr. nr. 238."

"Ind. or " [Java]

= *Brachiaria*

Panicum inflatum Scribn. & Smith, U. S. Dept. Agr.
Div. Agrost. Circ. 16: 5. 1899.

"Type No. 4622, S. M. Tracy, collected at Biloxi
Miss., October 1898"

= *P. sphaerocarpon* var. *inflatum* (Scribn. & Smith)
Hitchc. & Chase

Man. U. S.

Panicum ingens Peter, Repert. Sp. Nov. Fedde Beih. 40:
192 & Anhang, 40. pl. 24. f. 2. 1930.

"Deutsch Ost Afr. Ngulu: Goweke westl. → Igalula
im Wasser....(Peter 34926."

Panicum inops Peter, Repert. Sp. Nov. Fedde Beih. 40:
189, 201 & Anhang, 51. pl. 26. f. 2. 1930.

Deutsch Ost Afr., Urundi bei Niakassu ... (Peter
46335)
Tanganyika

Panicum insculptum Steud. Syn. Fl. Glum. 1: 49. 1854.

"Jardin legit in Guinea."
= *Urochloa lata* (Schum.) C. E. Hubb.
Africa

Panicum insigne Steud. Nom. Bot. ed. 2. 2: 258. 1841,
nom. nud.; Steud. Syn. Fl. Glum. 1: 92. 1854.

"*Tricholaena grandiflora* Hochst. (hrb. abyss. nr.
205." in Nomenclator; "*Tricholaena grandiflora*
Hochst hrbr. un. it. nr. 1053" in Syn. Fl.
= *Rhynchelytrum roseum* (Nees) Stapf & Hubb.
Africa

Panicum insulare (L.) G. Meyer, Prim. Fl. Esseq. 60.
1818.

Andropogon insulare L.

Trichachne insularis (L.) Nees Man. U.S.
Jamaica " W.I.

Panicum insulare var. *bilineatum* Kuntze, Rev. Gen.
Fl. 3: 362. 1898.

No loc. given
= *Trichachne*
probably

Panicum insulare var. *discipubescens* Kuntze, Rev.
Gen. Fl. 3: 362. 1898.

No loc. given
= *Trichachne* probably

Panicum insulare var. *lachnanthum* (Torr.) Kuntze, Rev.
Gen. Fl. 3: 361, 362. 1898.

Based on *P. lachnanthum* Torr.
= *Trichachne californica* (Benth.) Chase
Burro Mts. New Mexico Man. U. S.

Panicum insulare var. *leucophaeum* (H.B.K.) Kuntze,
Rev. Gen. Fl. 3: 361, 362. 1898.

Based on *P. leucophaeum* H.B.K.
= *Trichachne insularis* (L.) Nees
Novae Andalusiae (prope...Caripense)-Venezuela
Humboldt & Bonpland

Panicum insulare var. *lineoglabrum* Kuntze, Rev. Gen.
Fl. 3: 362. 1898.

No loc. given
= *Trichachne*
probably

Panicum insulare var. *penicilligerum* (Speg.) Hack. ex
Stuck. Anal. Mus. Nac. Buenos Aires 11: 70. 1904.

Based on *Leptocoryphium penicilligerum* Speg.
= *Trichachne penicilligera* (Speg.) Parodi
prov. "Misiones" Argentina

Panicum insulare var. *sacchariflorum* (Raddi) Hack. ex
Stuck. Anal. Mus. Nac. Buenos Aires 11: 71. 1904.

Based on *Acicarpa sacchariflora* Raddi
Basis of *Trichachne sacchariflora* (Raddi) Nees
Brazil

Panicum insulare var. *tenerrimum* (Kunth) Hack. ex Stuck.
Anal. Mus. Nac. Buenos Aires 11: 71. 1904.

Based on *P. tenerrimum* Kunth
= *Trichachne*
Campo Grande, prov. Piauiensi Brazil

Panicum insulare var. *typicum* Stuck. Anal. Mus. Nac.
Buenos Aires 11: 70. 1904.

= *Trichachne insularis* (L.) Nees
Brazil

Panicum insularum Steud. Syn. Fl. Glum. 1: 61. 1854
Not *insulare* Meyer 1818.

Ins. Antillas minores."
= *P. reptans* L. Man. W. I.
H. & C.

Panicum insulicola Steud. Syn. Fl. Glum. 1: 78. 1854.

"Ins. Java, Ceylon"

Panicum intercedens Domin, Journ. Linn. Soc. Bot.
41: 271. 1912.

"N. W. Australia: inter fl. Ashburton et De Gray,
collegit Dr. E. Clement."

Panicum intermedium Vahl ex Hornem. Hort. Hafn.
1: 82. 1813.

"V. Mnscpt."
"Hab.----- @ D. intr. 1804.
"spica terete: racemulis confertis, involucrellis
bifloris bisetis ramulo duplo longioribus, rachis
tereti villosa. V[ahl] mnspt." [Entire description]

Panicum intermedium Roth, Nov. Fl. Ind. Orient. 47.
1821. Not Vahl 1813.

"Sub nomine *Peniseti* Brown dedit Cel. Heyne ex
India orientali."
East Indies

Panicum intermedium Griffith, Not. Fl. Asiat. 3: 29.
1831.
pl. 139. f. 217. 1851. Not Vahl, nor Roth 1821.

"(fig. is diagram of position of parts of flower) Ac.
...."Bengal, Goalnugur: Septr. 28th, 1835."
= *Panicum brumonianum* Wall. & Griff.
this type^{sp.} of *Pseudoraphis* Griff.

India

Panicum intermedium Salzm. ex Steud. Syn. Fl. Glum.
1: 51. 1854, as syn. of *P. amphibolum* Steud.
Not Vahl 1813.

"*P. intermedium* Salzm. hrbr. Bahia."
T = *Setaria tenax*

Panicum interruptum Willd. Sp. Fl. 1: 341. 1797.

"Indiae stagnis."
Type in Willd. herb. Berlin. A.S.H. 2: 89.
spikelets in Nat. Herb.
= *Sacciolepis interrupta* (Willd.) Stapf.

India

Panicum inundatum Kunth, Rev. Gram. 1: 34. 1829.

Based on *P. uliginosum* Roth
Ind. Or. (Heyne)

Panicum inversum Swallen, Mem. N.Y. Bot. Gard.
9: 262. 1957.

Type: Common on summit, Cerro Guanay, alt. 1800 m,
Caño Guaviarito, Rio Manapiare, Rio Ventuari,
Amazonas, Venezuela, Feb. 2, 1951. Bassett Maguire,
Kathleen D. Phelps, Charles B. Hitchcock & Gerald
Budowski 31722; U.S. National Herbarium no. 2,078,751
related to *Panicum loreum* Trin.

Panicum involucreatum Roxb. Hort. Beng. 7. 1814, nom.
nud.; Fl. Ind. ed. Carey, 1: 287. 1820.

"A native of mountains chiefly, where it grows wild!"
India
= *Pennisetum* fide Leeke

Panicum involutum Torr. Fl. North. & Mid. U. S. 144.
1823.

"near Deerfield, Massachusetts, Cooley"
= *P. depauperatum* Muhl. Man. U. S.

Panicum Iowense Ashe, N. C. Agr. Exp. Sta. Bull.
175: 115. 1900.

"Dry prairies, eastern Iowa to Kansas."
? *P. praecoxius* H. & C.
Among Unidentified Names in Man. U. S.

Panicum irregulare Swallen, Journ. Washington Acad.
Sci. 30: 216. 1940.

"Type in the U. S. National Herbarium, no. 1644874,
collected on stony river bank in the vicinity of
El General, Province of San Jose, Costa Rica, alti-
tude 760 meters, February 1939, by Alexander F.
Skutch (no. 4115)."
Costa Rica
aff. *P. frondescens* Meyer

Panicum isachnoides var. *kilohanae* Skottsberg, Act. Hort.
Goth. 2: 210. 1926.

"Kauai: Waimea, Alakai bog near Kilohana, ...
(n. 945)." [Skottsberg, coll.]
Hawaiian Is. T

Panicum Isachne Roth in Roem. & Schult. Syst. Veg.
2: 458. 1817; Roth. Plant. Sp. India Orient. 54.
1821.

Cited: "Roth nov. plant. Spec. Ms." by Roem. &
Schult.
"In India orient. Heyne."
= *Brachiaria eruciformis* (J. E. Smith) Griseb.

Panicum isachne var. *Mexicana* Beal, Grasses N. Amer.
2: 114. 1896.

"*P. eruciforme* var. *mexicana* Vasey ined.," published
as synonym by Beal.
"Specimen seen was cultivated from seed obtained in
Mexico [questioned by A.C.] by U. S. Dept. Agricul.
1887."
= *Brachiaria eruciformis*

Panicum isachnoides Munro, Journ. Bot. 7: 178. 1869,
nom. nud.; ex Hillebr. Fl. Hawaiian Isl. 501. 1888.

"Swampy summit of Mt. Eeka, Maui."
Hawaiian Is.

Panicum isachnoides Vanderyst, Bull. Agr. Congo
Belge 10: 245. 1919. Not Munro 1888.

"Haut-Kwilu: Katshaka, décembre 1913."
Congo. Africa

Panicum ischaemoides Retz. Obs. Bot. 4: 17. 1786.

"---Malabaricae---König"

India

Panicum ischaemoides Koen. Ex Trin. Gram. Pan. 97.
1826, as syn. of *Paspalum obtusifolium*. Not Retz.
1786.

"*Panicum ischaemoides* Koen. in hbio Banks"
[Brit. Mus.]

Axonopus ?

Panicum ischaemoides Herb. Heyne, ex Wall. List. n.
8679. 1849, nom. nud. Not Retz. 1786.

India

Panicum ischaemum Schreb. ex Schweigger, Spec. Fl.
Erlang. 1: 16. 1804.

[Germany-Bavaria]

= *Digitaria ischaemum* (Schreb.) Schreb.

Panicum ischaemum var. *gracile* (Guss.) Fiori, Nuov.
Fl. Anal. Ital. 1: 80. 1923.

Based on *Panicum gracile* (Guss.) Nyman; this based
on *Digitaria gracilis* Guss.

Europe

= *Digitaria*

Panicum ischaemum var. *typicum* Fiori, Nuov. Fl. Anal.
Ital. 1: 80. 1923.

= *Digitaria ischaemum* (Schreb.) Schreb.

Europe

Panicum ischnocaulon Steud. Syn. Fl. Glum.
1: 45. 1854.

"Culta in H. Berol."

Panicum isocalycium G. Mey. Prim. Fl. Esseq. 59. 1818.

"In arenosis umbrosis continentes."

= *Homolepis isocalycia* (Meyer) Chase

[British Guiana]

Panicum isolepis Mez, Bot. Jahrb. Engler 57: 185. 1921.

"Westafrika, Kongostaat (Hens. n. & 66)."

Panicum issongense Pilger, Notizbl. Bot. Gart. Berlin
15: 706. 1942.

"Deutsch-Ostafrika: Issongo, Bez. Mahenge ca. 1000
m ü. M.; vereinzelt auf Felsen in Savanne mit Fels-
und Baumgruppen (H. J. Schlieben n. 2130--April
1932)."

Panicum italicum L. Sp. Fl. 56. 1753.

"Habitat in Indiis."

India. Asia

= *Setaria italica* (L.) Beauv. Man. U.S.

Panicum italicum Ucria, Hort. Reg. Panorm. 54. 1789.

Panicum italicum var. *astrum* Koern. Syst. Uebers. Cereal.

19. 1873, nom. semi-nud.; Koern. & Wern. Handb.

Getreidebau 1: 272, 277. 1885.

"Sie wird in Ungarn gebaut."

Hungary

= *Setaria*

Panicum italicum var. *aurantiacum* Koern. Syst. Uebers.

Cereal. 19. 1873, nom. semi-nud.; Koern. & Wern.

Handb. Getreidebau. 1: 272, 275. 1885.

Gart. Preuss. Landwirtschaftl. Acad. Poppelsdorf
bei Bonn.

"Als *Panicum eriogonum* auf der Wiener Ausstellung
1873 aus Algier."

Cult.

Africa

= *Setaria*

Panicum italicum var. *brevisetum* Doell, Rhein. Fl.

128. 1843.

"Rheingebiet"

Germany

= *Setaria*

Panicum italicum var. *californicum* Koern. Syst. Uebers.

Cereal. 19. 1873, nom. nud.; Koern. & Wern. Handb.

Getreidebau. 1: 272, 273. 1885.

[In Koern. Syst. Uebers. etc. under Abteilung II.
Moharia. In Koern. & Wern. Handb. etc. under
Abteilung I. Maximum]

"Aus einer Handelsgartnerei erhalten" Cult.

[From garden of a market gardener or florist]

= *Setaria*

Panicum italicum var. *erythrospermum* Koern. Syst.

Uebers. Cereal. 19. 1873, nom. nud.; Koern. & Wern.

Handb. Getreidebau. 1: 272, 274. 1885.

"Aus bot. gard. [Gart. Preuss. Landwirtschaftl.
Acad. Poppelsdorf bei Bonn]

Prussia. Cult.

= *Setaria*

Panicum italicum var. *germanicum* Koel. Desor. Gram.

17. 1802.

"(in Germ. circa Ienam, in Suevia, Siles. Baruth,
passim in Gallia)."

Europe

= *Setaria italica* (L.) Beauv.

Panicum italicum var. *germanicum* Doell. in Mart. Fl.

Bras. 2^o: 165. 1877. [= Koel. Desor. Gram. 17.
1802]

Cites: "*Panicum germanicum* Willd. Sp. Pl. 1: 336.
n. 7." Willd. cites "Roth, Germ. 1: 27.; 2: 71.
Hoffm. germ. 21."

Europe

= *Setaria italica* (L.) Beauv.

Panicum italicum var. *gigas* Koern. in Koern. & Wern.

Handb. Getreidebau. 1: 272, 275. 1885.

"Sie befand sich auf der Wiener Ausstellung 1873....
auch von Deininger in Ungarisch-Altenburg..."

Austria-Hungary

= *Setaria*

Panicum italicum var. *inermis* Doell in Mart. Fl. Bras.

2^o: 165. 1877.

"Setae breves vel nullae.--*Panicula crassa*."

"*Panicum brevisetum* Doell, Flora des Grossherz.
Baden. p. 233" cited as syn.

Brazil

= *Setaria*

Panicum italicum var. *intermedia* Koern. Syst. Uebers.

Cereal. 19. 1873, nom. semi-nud.; Koern. & Wern.

Handb. Getreidebau. 1: 278. 1885, incidental

mention under *Panicum italicum* var. *viride* L.

[Koern.]

Cult.

= *Setaria*

Panicum italicum var. *lobatum* Koern. in Koern. & Wern.

Handb. Getreidebau. 1: 272, 273. 1885.

"Aus Ungarisch-Altenburg von Deininger erhalten."

Hungary

= *Setaria*

Panicum italicum var. *longisetum* Doell, Rhein. Fl.

128. 1843.

Rheingebiet [from title]

Germany

= *Setaria*

Panicum italicum var. *macrochaeta* (Jacq.) Doell in

Mart. Fl. Bras. 2^o: 165. 1877.

Based on "*Pennisetum macrochaeton* Jacq."

"*Panicum* ex Ceylon----univ. garten. received seed
in 1816."

= *Setaria* fide Leeke

Panicum italicum var. *macrochaetum* (Doell) Koern. in

Koern. & Wern. Handb. Getreidebau 1: 272, 273. 1885.

Based on *Panicum italicum* var. *macrochaetum* Döll....
pro parte.

= *Setaria*

Panicum italicum maximum Alefeld, Landw. Fl. 315.

1866.

Europe

= *Setaria*

Panicum italicum var. *medium* Koern. Syst. Uebers.

Cereal. 18. 1873, nom. nud.

Gart. Preuss. Landwirtschaftl. Acad. Poppelsdorf
bei Bonn.

[Koern. & Wern. Handb. Getreidebau, 1: 278. 1885
says "ist hier weggelassen"
[let go]
escaped]

= *Setaria*

Panicum italicum var. *metzgeri* Koern. in Koern. & Wern.

Handb. Getreidebau. 1: 272, 276. 1885.

"von Deininger aus Ungarisch-Altenburg".....

Hungary

= *Setaria*

Panicum italicum mitis Alefeld, Landw. Fl. 316. 1866.

Europe

= *Setaria*

Panicum italicum moharia Alefeld, Landw. Fl. 315. 1866.

Europe

= *Setaria*

Panicum italicum var. *nigrum* Koern. Syst. Uebers.
Cereal. 19. 1873, nom. nud.; Koern. & Wern.
Handb. Getreidebau. 1: 272, 274. 1885.

"Ungarisch-Altenburg erhalten."

Hungary

= *Setaria*

Panicum italicum *pabularis* Alefeld, Landw. Fl. 315.
1866.

Europe

= *Setaria*

Panicum italicum *praecox* Alefeld, Landw. Fl. 315.
1866.

Europe

= *Setaria*

Panicum italicum var. *rubrum* Koern. in Koern. & Wern.
Handb. Getreidebau. 1: 272, 274. 1885.

"Aus bot. gart." cult.

Europe

= *Setaria*

Panicum italicum *violaceum* Alefeld, Landw. Fl. 316.
1866.

Europe

= *Setaria*

Panicum italicum var. *viride* (L.) Koern. in Koern. &
Wern. Handb. Getreid. 277. 1885.

Based on *Panicum viride* L.

Europe

= *Setaria viridis* (L.) Beauv.

Panicum Itieri (Delile) Steud. Syn. Fl. Glum. 1: 51.
1854.

Based on *Setaria Itieri* Delile

"Itier. Aegyptus."

= *Setaria italica* (L.) Beauv. fide Tackholm p. 462.
Not in Stapf Trop. Afr.

Panicum jabonillo Hieron. Bol. Acad. Cienc. Córdoba 4:
483. 1882, nom. nud.

"Catamarca, La Rioja," "terrenos salados al pie de
las sierras."

Argentina

[T. Hieron. & Niederlein 277 in Urvilleana group]

Panicum Jacobinae Steud. Syn. Fl. Glum. 1: 55. 1854.

T "Leprieur Ins. Jacobinae [Blanchet]

"Jacobine "Am. austr."

= *Echinochloa inflexa* (Poir.) Chase

Brazil

Panicum Jahnii Steud. Syn. Fl. Glum. 1: 54. 1854.

Based on "P. brevifolium Jahn" 1824. Not L. 1753.

India

Panicum jamaicense (Kunth) Steud. Nom. Bot. ed. 2.
2: 257. 1841.

Based on "Oplismenus jamaicensis Kunth"

Jamaica - (J. Macfadyen)

= *Echinochloa crus-galli* W. I. Man.

Panicum januarium Mez, Bot. Jahrb. Engler 56(Beibl.
125): 4. 1921.

"*Panicum auriculatum* var. *fasciculatum* Doell" cited.
[error for *fasciculosum*]

Doell's type of var. is *Gaudichaud* 288, Rio Janeiro,
one of those cited by Mez. Mez also cites coll.
which Doell cites for *auriculatum* the species.

= *Hymenachne condensata* (Bertol.) Chase

Panicum japonicum Kunth, Rev. Gram. 1: 205. 1829.

Error for *P. javanicum*

Panicum japonicum Steud. Flora 29: 18. 1846.

Not *P. japonicum* Kunth but that is an error.

"die japanischen Gräser....der Goringschen
Sammlung."

Japan

Panicum Jardini Steud. Syn. Fl. Glum. 1: 95. 1854.

"Jardin legit in Guinea." syn. *Cyrtococcum*
chaetophorum Dandy;

= *C. setigerum* (Beauv.) Stapf.

Africa

Panicum javanicum Poir. Encycl. Suppl. 4: 274. 1816.

"Cette plante croît à l'île de Java. (V. s. in herb.
Desfont.)"

= *Panicum panicoides* (Beauv.) Hitchc., this based on
Urochloa panicoides Beauv.

Ile-de-France (Jussieu)

Panicum javanicum Poir. ex Thwaites, Enum. Fl. Zeyl.

358. 1864, without descr.

"*Urochloa panicoides* Beauv." cited.

= *Panicum panicoides* (Beauv.) Hitchc.

Ile-de-France

Panicum javanum Nees in Buse in Miquel, Fl. Jungh.

376. 1854.

"Habitat insulam Javae prope Welteorenden et
Buitenzorg. Jungh."

Panicum javanum var. *angustifolium* Buse in Miquel, Fl.
Jungh. 376. 1854.

"Habitat insulam Javae prope Pesawahan, ...Jungh."

Panicum jejunum Trin. Mém. Acad. St. Petersb. VI. Sci.
Nat. 2⁴: 103. 1836.

"V. spp. Louisiana."

= *P. hians* Ell. Man. U. S.

Panicum Johanna Herb. Linn. ex Munro, Journ. Linn.

Soc. Bot. 6: 39. 1862, as syn. of *P. indicum* L.

= *Sacciolepis indica* (L.) Chase

Panicum Johannense Henr. Repert. Sp. Nov. Fedde 28:
105. 1930.

"Comoro-Insel Johanna: Urwald, lichte Stellen bei
500 m. leg. J. M. Hildebrandt no. 1722 Jun.-Aug. 1875.
Typus speciei in Herb. Lugd. Bat. sub. no. 908,
91-2316."

Panicum Joorii Vasey, U. S. Dept. Agr. Div. Bot. Bull.
8: 31. 1889.

"Louisiana (Dr. J. F. Joor)"

Man. U. S.

Panicum jubatum Fig. & De Not. Mém. Acad. Sci. Torino
II. 14: 331. 1854. (Separate 1853)

"In regione Kordofan Nubiae superioris."

= *Brachiaria jubata* (Fig. & De Not.) Stapf.

Africa

Panicum jubiflorum Trin. Gram. Pan. 130. 1826.

"V. spp. e nov. Holl. (Lindley.)"

Basis of *Paspalidium jubiflorum* (Trin.) Hughes

= *Panicum*

Australia

Panicum jumenborum Pers. misappl. by A. Rich. Tent. Fl.

Abyss. 2: 373. 1851.

"not of Jacq." in Stapf, Fl. Trop. Afr. 9: 713.
1920.

= *P. porphyrrhizos* Steud. fide Stapf l.c.

["Schimper 1096, 1230" cited by Stapf, in U. S. Herb.]
[Afr. Abyssinia]

Panicum jumentorum Pers. Syn. Fl. 1: 83. 1805.

Based on "P. polygamum Swartz prodr. p. 24. [Swartz's
descr. copied] Frequens ad animalia domestica nutri-
enda in Amer. meridionali colitur. Genuinus locus
natalis est Africa septentr."

= *P. maximum* Jacq. Man. U. S.

Panicum junceum Trin. Gram. Pan. 220. 1826.

"V. sp. Am. bor. (Sprengel sub nom. *P. sauminati*)"

= *P. depauperatum* Muhl. Man. U. S.

Panicum junceum Nees, Agrost. Bras. 159. 1829.

Not Trin. 1826.

var. α and β without names.

α "in Monte video legit Sellow."--see *P. junceum*
var. β submutans Doell.

β "in campis editis ventosis Paraman in confinibus
prov. Goyazanae et prov. Minarum generalium.--see
P. junceum var. α strictius Doell.

Panicum junceum var. α strictius Doell, in Mart Fl. Bras.
2⁶: 216. 1877.

"var. α habitat in campis editis ventosis Paraman in
confinibus provinciarum Goyazensis et Minarum gener-
alium (herb. Berol., secundum ol. Neesium)."

This is *P. junceum* var. β of Nees p. 160. q.v.

"culmus humilior, folia glabra vel supra pilosiuscula.
Panicle multo brevior, elliptica vel oblongo, ramis
brevioribus."--Doell

Panicum junceum var. β submutans Doell in Mart. Fl. Bras.
2⁶: 216. 1877.

"Var. β prope Montevideo (Sello, Deloche n. 166)."

This is *P. juncea* var. α in Nees p. 160. q.v.

"culmus elatus, folia glabra---supra scabriuscula,
glabra vel pilosula. Panícula ultrapedalis"--Doell.

Panicum juncifolium Stapf in Frain, Fl. Trop. Afr.
9: 664. 1920.

"Lower Guinea. Belgian Congo: Stanley Pool Distr.;
Kiuwenza, Gillet, 1667! 1743! Angola: country of the
Ganguellas and Ambuellas, Gossweiler, 4098! and with-
out precise locality, Welwitsch, 2870!"

Africa

Panicum junciforme Steud. Syn. Fl. Glum. 1: 82. 1854,
as syn. of *P. caricoides* Nees. "Steud. in litt."

24 Brasil, Guyana.

Panicum Junghuhnianum Nees ex Steud. Syn. Fl. Glum.
1: 63. 1854.

"Java"

Panicum juniperinum Nees, Agrost. Bras. 236. 1829.

"Habitat.....(Vidi in Herb. Willd.)."

Brazil

Panicum jurgensenii (Fourn.) Scribn. & Merr. U. S.

Dept. Agr. Div. Agrost. Bull. 21: 40. 1900.

Based on *Setaria jurgensenii* Fourn.

Jurgens 692 Mexico

Setaria \neq *Ptychophyllum*

Panicum jurgensii Hack. Verh. Zool. Bot. Ges. Wien

65: 70. 1915.

"Rio Grande do Sul, Lagoa, Municipio Soledade, in
campis siccis....leg. C. Jurgens an 1912."

Basis of *Thrasypsis rawitscheri* Parodi

Paspalum

Brazil

Panicum kaalaense Hitchc. Mem. Bishop Mus. 8: 191.

f. 80. 1922.

"Type in the U. S. National Herbarium, no. 836474,
collected on a wooded hillside on Mount Kaala, at
about 1000 meters, July 9, 1916, by A. S. Hitchcock
(no. 14013)."

Hawaiian Isls.

Panicum Kafuensis Schum. Bot. Jahrb. Engler 24: 334.

1898.

"Centralafrikan. Seengebiet: zwischen dem Victoria
Nyanza und Albert Nyanza in Karagwe, bei Kafuro,
1350 m ü. M. (Stuhlmann n. 1709)"

[Africa]

In Henr. Monogr. Digitaria 668. 1950, referred to
Digitaria vestita var. *scalarum* (Schwein.) Henr.

Panicum kaletukense Tutin, Journ. Bot. Brit. & For.

72: 340. f. 11. 1934.

"Hab. Kaletuk savanna, Potaro River. Damp sand with
a good deal of humus, in open places...; no. 688;
Aug. 31, 1933. Typus in Herb. Mus. Brit."

British Guiana

Panicum kalaharensis Mez, Bot. Jahrb. Engler 57: 187.

1921.

"Südwestafrika (Schultze n. 318, 342 p. 356c.)"

Not in Stapf

Panicum Kalmii Swartz ex Wikstr. Adnot. Bot. 6. 1829.

"Hab. in America boreali (Pennsylvania?): Prof. Kalm"

type in Swartz hb. Stockholm = *sphaerocarpon*

= *P. sphaerocarpon* Ell. Man. U. S.

Panicum Kappleri Steud. Syn. Fl. Glum. 1: 90. 1854.

"P. micranthum Hochst. Hrbr. Surin. Kappl. nr. 477.
vix H. B. Surinam."

= *micranthum* ! A.C.

Panicum katentaniense Robyns, Mém. Inst. Col. Belge

Sec. Sci. Nat. & Med. 1: 57 (repr.) pl. 5. f. A-P.

1932.

"District du Haut-Katanga: Plateau des Bianos,
Katentania...Nov. 1912, Homblé 706 (type)."

Belgian Congo

Panicum kauaiense Hitchc. Mem. Bishop Mus. 8: 187.

f. 76. 1922.

"Type in the U. S. National Herbarium, no. 836228,
collected in Haupū Range, near Nawiliwili Bay,
Kauai, Hawaiian Islands, October 31, 1916, by C. N.
Forbes (No. 703)."

= *P. beecheyi* Hook. & Arn.

Hawaiian Isls.

Panicum kavanayense Swallen, Mem. N.Y. Bot. Gard.

9: 264. 1957.

Type: frequent in savanna at Kavanayen, alt. 1200 m,
Gran Sabana, Bolívar, Venezuela, March 30, 1952,
Bassett Maguire 33701; U.S. National Herbarium
no. 2,078,781.

related to *P. loreum* Trin.

Panicum Kegelii Steud. Syn. Fl. Glum. 1: 65. 1854.

"Guatemala"

= *P. frondescens* Meyer

H. & C.

Panicum kermesinum Mez, Bot. Jahrb. Engler 57: 189.

1921.

"Adamana (Ledermann n. 4225)"

Africa

Panicum Kerrii C. E. Hubb. Kew Bull. Misc. Inf.

1927: 78. 1927.

"Siam. Chantabun, Makam, 60 ft. in tufts at edge of
open marshy grounds, Kerr 9581."

Panicum kerstingii Mez, Bot. Jahrb. Engler 34: 145.

1904.

"Togo (Kersting n. 247, 253...)"

Afr. trop.

Panicum keyense Mez, Notizbl. Bot. Gart. Berlin 7: 61.

1917.

"Americae sept. civit. unitae, Florida in Key-insulis
(Curtiss n. 3606**, 5431, 6705)."

= *P. adpersum* Trin. Man. U. S.

Panicum khasianum Munro in Hook.f. Fl. Brit. Ind.

7: 54. 1896. "Munro mss."

"Khasia Hills, in marshes, Griffith"

India

Panicum kinsieleense Vanderyst, Bull. Agr. Congo

Belge 10: 246. 1919.

"hauts-plateaux du Moyen-Congo: Kinsiele....(no 5447)
...Bas-Kasai: Bandundu, 1916 (no. 6345)."
[Vanderyst, Coll.]

Congo-belge. Africa

Panicum killipii Hitchc. Journ. Washington Acad. Sci.

20: 383. 1930.

"Type in the U. S. National Herbarium, no. 1,357,803
collected in thickets, Aina, between Huanta and Rio
Apurimac, Dept. Ayacucho, Peru, alt. 750 to 1000
meters, May 1929, by E. F. Killip and A. C. Smith
(no. 22804)."

Panicum kimpakoense Vanderyst, Bull. Agr. Congo Belge

11: 228. 1920, nom. nud.

Congo belge Africa

Panicum kinshasaense Vanderyst, Bull. Agr. Congo Belg.

13: 334. 1922.

"cult. Jard. Agrost. de Leverville 1916-19."

Africa

Panicum Kisantense Vanderyst, Bull. Agr. Congo Belge

10: 246. 1919.

[long Latin descr. given by Robyns, Mém. Inst. Col.
Belge Sec. Sci. Nat. & Med. 1: 25. 1932 (repr.)]

"Congo belge: Kisantu, Kiyala (nos. 6010 et 5229);...
Moyen Kwilu, Leverville."

Africa

Panicum kiyalaense Vanderyst, Bull. Agr. Congo Belge

10: 246. 1919.

"Congo belge: Kisantu, 15 février 1916 (no. 5936);
Kisantu, cultivée au jardin d'essais 1918 (Fr.
Gillet)."

Africa

= *Isachne kiyalaense* (Vander) Robyns

Panicum Kleinianum Nees ex Anderss. in Walp. Ann. Bot.

6: 945. 1861, as syn. of *Panicum neurodes* Schult.

[India]

Setaria

Panicum Klingii Mez, Bot. Jahrb. Engler 57: 188. 1921.

"Togo (Kling n. 243)" Africa

Panicum Knuthii Herter, Revist. Sudamer. Bot. 6: 137. f.

6. 1940.

"Hab. Uruguay: Dep. Minas: Corrales, fl. II. 1924,
leg. Schroeder, Herb. Osten 16731 (Herb. Schroeder)."

Panicum Kochii Mez, Notizbl. Bot. Gart. Berlin 7: 60.

1917.

"Australia austr., in monte Lindhurst (Koch n. 60)."

Panicum Königii Spreng. Syst. Veg. 1: 311. 1825.

Based on "(*P. hirsutum* Kön.)."

India

Panicum Koenigii Herb. Wight ex Nees, Fl. Afr. Austr.

30. 1841, as syn. of *P. wightii* Nees

Not Spreng., 1825.

Panicum Kohautianum Presl, Bot. Bemerk. 119. 1844.

[separate from Abh. könig böh. Ges. Wiss. 5.

3: 549. 1845]

Based on: *Panicum latifolium* Sieb. flor. mart. suppl. n. 7...

ined. U.S. Herb

not *P. latifolium* L."

Type collection of *P. kohautianum* Presl

= *Ichmanthus pallens*
A.S.H.

Panicum konaense Whitney & Hosaka, Ooas. Papers

Bishop Mus. 126: 3. f. 1. 1936.

"Island of Hawaii:....Puuwaawaa, Kona, 1801 lava flow
April 7, 1936, L. D. Whitney no. 4136 (type in
Bishop Museum)" U.S.

Panicum koolauense St. John & Hosaka, Occas. Papers
Bishop Mus. 11: 3. f. 1.; pl. 1. 1935.

Oahu.
"Waikane-Schofield Trail, Kahana, Koolau Range:
January 19, 1930, H. St. John no. 10178 (type in
Bishop Museum)."

Hawaiian Isl.

Panicum Kotschyannum Hochst. Flora 25: Beibl. 133.

1842, nom. nud.; Steud. Syn. Fl. Glum. 1: 68. 1854;
Mem. Acad. Sci. Torino II. 14: 348. 1854 (Separate
1853)

"(Hrb. Nub. un. it. nr. 254) Nubia [Kotschy]

= *Brachiararia kotschyannum*

Panicum Kraussii Steud. Syn. Fl. Glum. 1: 45. 1854.

"*Oplismenus capensis*. Hochst. Flora 1846. 114.
Afr. austr."

Panicum Kunthianum Wight. & Arn. ex Steud. Syn. Fl.

Glum. 1: 96. 1854.

"(in Hrb. Wight.)....*Isachne Kunthiana* Nees, mpt.
....*Penins. Ind. or. Java?*"

Isachne

Panicum Kunthii (Kunth) Steud. Nom. Bot. ed. 2. 2: 258.
1841.

Based on "*Setaria striata* Kunth."

Ind. or. (Heyne)

Panicum Kunthii Fourn. ex Hemsl. Biol. Centr. Amer. Bot.

3: 490. 1885. Not *P. Kunthii* Steud. 1841.

Based on *P. coloratum* L., misapplied by Kunth

Note by A.S.H.: "*Kunth* includes *P. virgatum* Muhl. as
synonym of *P. coloratum*. This is the only American
reference. Hence *P. Kunthii* is based on *P. virgatum*
Muhl. which is *P. virgatum* L. Muhlenberg says in
note, '*Non virgatum sed coloratum* L.' Smith"

= *P. virgatum* L. Man. U. S.

Panicum kuntzii error typ. for *Panicum Combsii* Proo.

Biol. Soc. Washington 34: XIV. 1921.

C. V. Piper "Note upon *Panicum Kuntzii*, out-throat
Grass, in Florida."

In Informal communications in Proceedings of Dec.
10, 1921.

Panicum Kurzii Hook. f. Fl. Brit. Ind. 7: 38. 1896.

"Seebpore, Kurz."

India

Panicum kwiluense Vanderyst, Bull. Agr. Congo Belge

13: 334. 1922.

Bull. Agr. Congo Belge 10: 247. 1919, as syn.
Panicum nodosum Kunth.

Cult. Jard. Agrost. de Leverville 1916-19.

Africa

Panicum lachnanthum Hochst. Flora 38: 195. 1855.

"(Hb. abyss. Buch. nr. 1210)" "envoie W. Schimper
1854" on label.

Basis of *Brachiararia lachnantha* (Hochst) Stapf

Type collection-U.S. herb.

Panicum lachnanthum Torr. U. S. Rep. Expl. Miss. Pacif.

7: 21. 1858. Not Hochst., 1855.

"On the Burro mountains"

= *Trichachne californica* Man. U. S.

New Mexico

Panicum lachneum Nees, Agrost. Bras. 248. 1829.

"Habitat in pratis ad Sebastianopolin et Soteropolin
provinciarum Rio de Janeiro et Bahiensis."

Brazil

= *Setaria*

Panicum lachnophyllum Benth. Fl. Austral. 7: 486. 1878.

"Queensland. Moreton Bay, C. Stuart."

Australia

Panicum lachnophyllum var. *tropicum* Domin, Bibl. Bot.

85: 314. f. 71. 1915.

"Nordost-Queensland: Regenwälder zwischen Allumbah
(=Yungaburra, und Lake Eacham, sowie bei Atherton
(Domin, II. 1910)."

Australia

Panicum lacteum Mez, Bot. Jahrb. Engler 57: 186. 1921.

"Madagascar (Perville n. 576)" Africa

Panicum lacunarium F. Muell. Trans. & Proc. Vict. Inst.

(Melbourne) 1854/1855: 47. 1855.

"Around the Murray lagoons." [Australia. No
collector] cited

Panicum lacustre Hitchc. & Ekman, U. S. Dept. Agr. Misc.

Publ. 243: 253. f. 205. 1936.

"Type in the U. S. Nat. Herb. no. 1387529, coll. in
water of 30 to 60 cm. depth in Laguna de la Máquina,
Prov. Pinar del Rio, Cuba, Oct. 31, 1923, by Dr. E. L.
Ekman (no. 17878)."

Panicum laetum Kunth, Rév. Gram. 2: 399. pl. 113. 1831.

"Crescit in Senegalia, prope Walo et Richard-Tol."

Africa

Panicum laetum Mez ex A. Camus, Bull. Soc. Bot. France

82: 22. 1935. Not Kunth 1831, as synonym of *Brach-*
iararia laeta A. Camus, l.c. cited as basis, but not
published by Mez [may be name by Mez on herbarium
sheet--there are several such, never published or
published under a different name.]

Madagascar

Panicum laeve Lam. Tabl. Encycl. 1: 172. 1791.

"E Domingo, ins. Franc."

Dominican Republic

= *P. maximum* Jacq. Man. U. S.

Panicum laevicaule Steud. Syn. Fl. Glum. 1: 82, error
for *laevinode* Lindl.

"N. Holl"

Australia

Panicum laevifolium Hack. Bull. Herb. Boiss. 3: 378.

1895.

"Transvaal: Pretoria, Kuduipoort (Rehm, 4697), Bosh-
veld inter Elandsriver et Klippan (R. 5123), Rogge
Veld inter Porter et Trigardsfont (R. 6614),
Donkershoek (6552)." examined in Hackel
Herb.

"aff. *P. colorato* L."

Africa

Panicum laevifolium var. *amboense* Hack. in Schinz Vier-
teljahrs. Nat. Ges. Zürich 56: 71. 1911.

"Amboland: zwischen Ondonga und Ukuanyama, Bantanan
593."

Africa

"Differt a typo spiculis brevis, pedicellatis, sub-
terminatis spicula vix v. paullo longioribus
apice haux clavatis culmo elatiore"--entire descrip-
tion.

Panicum laevigatum Lam. Fl. Franç. 3: 578. 1778.

"sur le bord des champs."

[France]

Panicum laevigatum Muhl. ex Ell. Bot. S. C. & Ga. 1:

112. 1816. Not Lam. 1778.

(Published as new in Muhl., Desor. Gram. 100. 1817
for the same species)

"Grows on the sea islands (on Ed[d]ings plentifully)
along the margins of the salt water."

Eddings Island, S. C.

= *Setaria geniculata* (Lam.) Beauv. Man. U. S.

Panicum laevinode Lindl. in Mitch. Three Exped. 1: 235.

1838.

[Darling River. Australia]

Copy of description:

P. laevinode (Lindl. Mss.); panicula composita
contracta capillari, ramis pedicellis flexuosis
spiculis acutis glabris, gluma exteriore rotundata
laxa: interiore 5-nervi, foliis vaginis geniculis-
que glabris laevibus.

Panicum lagascae (Roem. & Schult.) Kuntze, Rev. Gen. Fl.

3: 362. 1898.

Based on *Paspalum lagascae* Roem. & Schult.

"In Havana W. Semina missa ao. 1804 per Dominos
Sessé et Espinosa"

= *Paspalum tenellum* Willd.

A.C. *Paspalum*

Panicum Lagascae var. *virgatum* (L.) Kuntze, Rev. Gen.

Fl. 3: 362. 1898.

Based on *Paspalum virgatum* L.

A.C. *Paspalum*

[Br. Jamaica]

Panicum Lagopus Willd. ex Spreng. Syst. Veg. 1: 265.

1825, nom. nud.; as syn. of *Eriochrysis cayennensis*

"W. herb."

[French Guiana]

Panicum lagotis Trin. Mém. Acad. St. Pétersb. VI. Sci.

Nat. 1: 326. 1834.

"V. spp. Bras."

= *Ionanthus lagotis* (Trin.) Swallen

South America

Panicum Lamarckii Kunth, Rev. Gram. 1: 41. 1829.

Based on "*Agrostis panicoides* Lam."

cult.

Panicum lanaiense Hitchc. Mem. Bishop Mus. 8: 189. 1922

Based on *Panicum affine* Hook. & Arn. Not *P. affine*
Poir.

= *Panicum collieri* Endl. 1836, same basis.

Hawaiian Isls.

Panicum lanatum Rottb. Bot. Lit. Univ. Hafn. 1: 269.
pl. 1. f. 2. 1778.

"*Andropogon insulare* L." cited. "Surinam"
=*Trichachne insularis* (L.) Nees
Man. U. S., W. I.
Dutch Guiana

Panicum lanatum Swartz, Prodr. Veg. Ind. Occ. 24. 1788.
Not Rottb. 1776.

"Jamaica"

in Swartz herb. Stockholm (examined A.S.H.)
=*Lasiacis sorghoidea* (Desv.) H. & C.
(*Panicum swartzianum* Hitchc.)
Man. W. I.

Panicum lanatum var. *sorghoideum* (Desv.) Griseb. Fl.
Brit. W. Ind. 551. 1864.

"Hab. Jamaica! all coll., in moist mountain woods
(*A.S.H.*); Antigua!; Mullschl. (*A.S.H.*), Dominica!; Imr. (*A.S.H.*)
=*Lasiacis sorghoidea* (Desv.) H. & C.
Man. W. I.

Panicum lanceaefolium Desv. Opusc. 83. 1831.

"Crescit in locis humidis Brasiliis"
(A.S.H. 1: 79 Eur. Notes, which is with his fieldbook
specimen too poor to identify, no inflorescence.
A.S.H.
Brazil

Panicum lanceaefolium Desv. Opusc. 94. 1831. Not
Desv. Opusc. 83. 1831.

"Habitat in Brasillio."
A.S.H. 1: 79 (his Eur. Notes with his field books)
fragment, blade only.

Panicum lancearium Trin. Gram. Pan. 223. 1826.

"Trinius had previously mentioned the name (Clav.
Agrost. 234. 1822) as a probable synonym of a
Flukenet species." (N. Amer. Sp. Panicum)

"V. spp. Am. bor. (Trattinick ex hbio Enslin)."
North Amer. Enslin Man. U. S.

Panicum lancearium var. *patulum* (Scribn. & Merr.)
Fernald, Rhodora 36: 80. 1934.

Based on *P. Nashianum* var. *patulum* Scribn. & Merr.
=*Panicum patulum* (Scribn. & Merr.) Hitchc.
Braidenton, Manatee Co., Fla. (Combs 1296.)

Panicum lanceolatum Retz. Obs. Bot. 5: 17. 1789.

"misit Opt. König."
Ind. Or.

Panicum lanceifolium Salzm. ex Doell in Mart. Fl. Bras.
2: 250. 1877, as syn. *Pan. scoprotis* var.
molliusculum Doell.

[Brazil, Salzman]

Panicum Langei Fourn. in Hensl. Biol. Centr. Amer. Bot.
3: 490. 1885, nom. nud.; Fourn. Mex. Fl. 2: 23.
1886.

"Teotalcingo (Liebm. n. 435, junio)."
=*Homolepis isocalycia* (Meyer) Chase

Panicum languidum Hitchc. & Chase, Contr. U. S. Nat.
Herb. 15: 232. f. 245. 1910.

U. S. Nat. Herb. no. 592750,---South Berwick Maine,
coll. M. L. Fernald, type of *P. unciphyllum* f. *prostratum* S. & M.
Man. U. S.

Panicum laniflorum Nees in Hook. Lond. Journ. Bot.
2: 410. 1843.

"In Australia interiori. W Major Mitchell's Exped.
n. 68."

Panicum lanipes Mez, Bot. Jahrb. Engler 57: 187. 1921.

"Südafrika (Meyer)"

Panicum lanuginosum Ell. Bot. S. C. & Ga. 1: 123. 1816.

"Grows in Georgia. Sent to me by Dr. Baldwin."
Man. U. S.

Panicum lanuginosum Bosc ex Spreng. Syst. Veg. 1: 319.
1825. Not Ell., 1816.

Georgia

= *P. scabriusculum* Ell. Man. U. S.

Panicum lanuginosum Presl, Rel. Haenk. 1: 306. 1830.
Not Ell. 1816.

"Hab. in Peruvia." [Haenke]

Panicum lanuginosum var. *fasciculatum* (Torr.) Fernald,
Rhodora 36: 77. 1934.

Based on *P. dichotomum* var. *fasciculatum* Torr.
=*P. huachucae* var. *fasciculatum* (Torr.) Hubb.
Man. U. S.

New Jersey

Panicum lanuginosum var. *fasciculatum* subv. *pilosum*
(Torr.) Farwell, Mich. Acad. Sci. Papers 26: 5. 1941.

Based on *P. nitidum* var. *pilosum* Torr.
=*P. huachucae* Ashe Man. U. S.
New York

Panicum lanuginosum var. *huachucae* (Ashe) Hitchc.
Rhodora 8: 208. Nov. 1906.

Based on *P. huachucae* Ashe
Huachuca Mts. Ariz.
=*P. huachucae* Ashe Man. U. S.

Panicum lanuginosum var. *implicatum* (Scribn.) Fernald,
Rhodora 36: 77. 1934.

Based on *P. implicatum* Scribn.
=*P. implicatum* Scribn.
Cape Elizabeth, Maine F. Lamson-Scribner, 1895

Panicum lanuginosum var. *implicatum* subv. *meridionale*
(Ashe) Farwell, Mich. Acad. Sci. Papers 26: 5. 1941.

Based on *P. meridionale* Ashe
=*P. meridionale* Ashe
Chapel Hill, N. C. [Ashe, Coll.]

Panicum lanuginosum var. *Lindheimeri* (Nash) Fernald,
Rhodora 36: 77. 1934.

Based on *P. Lindheimeri* Nash
=*P. Lindheimeri* Nash
New Braunfels, Tex.--(Lindheimer 565 in 1846)

Panicum lanuginosum var. *septentrionale* (Fernald)
Fernald, Rhodora 36: 77. 1934.

Based on *P. Lindheimeri* var. *septentrionale* Fernald
=*P. tennesseense* Ashe Man. U. S.
New Brunswick..Fernald & Long 12527
Nova Scotia--Can.

Panicum lanuginosum var. *siccum* Hitchc. & Chase,
Rhodora 8: 207. 1906.

"Chase 1602, Dry hot sand of sandstone cliff.
Starved Rock, Ill."
=*P. taugetorum* Nash Man. U. S.

Panicum lanuginosum var. *tennesseense* (Ashe) Gleason,
Phytologia 4: 21. 1952.

Based on *Panicum tennesseense* Ashe,
=*Panicum tennesseense* Ashe Man. U. S.

Panicum lappaceum Willd. ex Spreng. Syst. Veg. 1: 306.
1825, as syn. of *Orthopogon Burmanni* R. Br.

= *Oplismenus burmanni* (Retz.) Beauv.
India

Panicum larcomianum Hughes, Kew Bull. Misc. Inf.
1923: 326. 1923.

Australia
"Queensland: Mt. Larcom, Bick.!"

Panicum lasianthum Trin. Gram. Icon. 3: pl. 245. 1830.

figure "ad specimen Brasilianum."
=*P. sellowii* Nees]

Panicum lasiocoleum Schum. ex Engl. Abh. Preuss. Akad.
Wiss. (Berlin) 1894: 14, 35. 1894, nom. nud.

on p. 14: "ein 0.^m 75-1^m.5 hohes Gras, welches von
den Eingeborenen zu Deckmaterial beim Hüttenbau ver-
wendet wird."

on p. 35 this name is listed under the following gen-
eral heading with other species: "Viel zahlreicher
sind die Gräser und die zwischen denselben gedeihen-
den Kräuter."

= *Panicum infestum* Peters in Hb. Berol fide A.C.

Panicum lasiocoleum var. *calvescens* Peter, Repert. Sp.
Nov. Fedde (Beih.) 40: 192 & Anhang, 42. 1930.

"Deutsch Ost Afr.: mit der behaarten Form in Useguha:
Haler → Insel kwa Kilanga (Peter 40318b).--Ukani:
bei Morogoro (Peter 39274)."

Tanganyika

Panicum lasiopodum Stapf, Journ. de Bot. 19: 105. 1905.
(*P. Eu-Panicum*)

"Fobéguin 500."
"Guinée française: Kouroussa."
Africa
=*P. pilgeri* Mez in Stapf

Panicum leersoides Hochst. Flora 38: 196. 1855.

"(Hb. abyss. Buch. nr. 1173.)" [Schimper, coll. 1853]
Basis of *Brachiaria leersoides* (Hochst.) Stapf
Africa

[el]
Panicum liebergii Scribn. U. S. Dept. Agr. Div. Bot.
Bull. 8: 32. 1889, as syn. of *P. scoparium liebergii*
= *Panicum liebergii* q.v.

Panicum liebergii (Vasey) Scribn. U. S. Dept. Agric.
Div. Agrost. Bull. 8: 6. pl. 3. 1897.

Based on *Panicum scoparium* var. *liebergii* Vasey.
[In Man. U. S. ed. 1 and 2 cited as *Panicum liebergii*
(Vasey) Scribn. in Britt. & Brown, Illustr. Fl.
3: 497. 1898, 1897 publication overlooked.]

"Plymouth Co. Iowa, John Lieberg."
Man. U. S.

Panicum liebergii var. *baldwinii* Lepage, Naturaliste
Canadien 86: 67. 1959. [no. 30 of 3d. series]

Holotypus: Ontario, Mattice, ad ripam saxosam amnis
Missinaibi, Julii 21, 1958, Lepage 36091, Herbar
National, Ottawa, servatus (isotypi: DAO, TRT, US,
GH, MT, NY, LCU, RIM)."

Distribution: Ontario, le long des rivières se deversant
dans la baie James.

Panicum leiocarpum Spreng. Neue Entd. 1: 243. 1820.

= *Ichnanthus leiocarpus* (Spreng.) Kunth.
"Hab. in Brasilia."

Panicum leiogonum Delile, Fl. Aegypt. Illustr. 51. 1812.

= *P. repens* L. fide Stapf
[Damietta, Africa]

Panicum leiogonum Sieber ex Link, Hort. Berol. 1: 206.
1827, as syn. of *P. muticum* Link. Not Delile, 1812.
name only?

Panicum leiophyllum Nees, Agrost. Bras. 249. 1829.

Basis of *Setaria leiophylla* (Nees) Kunth.
Brasil T

Panicum leiophyllum Fourn. in Hensl. Biol. Centr. Amer.
Bot. 3: 490. 1885, nom. nud.; Fourn. Mex. Fl.
2: 20. 1886. Not Nees, 1829.

(See A.S.H. Bur. Notes 1: 79, with his fieldbooks)
"In valle Cordovensi, januario (Bourg. absque n.)"
Mexico
= *P. joorii* Vasey Man. U. S.

Panicum Lelievrei Chevalier, Consp. Rend. Assoc. Franc.
Avano. 29: 651. 1901.

"Senegal, probablement environs de Saint-Louis
(Lelievre, Herb. Mus.)."
Africa

= *Echinochloa stagnina* (Retz) Beauv. fide Stapf

Panicum Lelievrei var. *leiostachyum* (Franch.) Chevalier,
Comp. Rend. Assoc. Franc. Avano. 29: 651. 1901.

Based on "*P. orus-galli*, var. *leiostachyum* Franch"
= *Echinochloa stagninum* (Retz) Beauv.
French Congo, Africa

Panicum Lemezanum Camus, Not. Syst. Mus. Hist. Nat.

Paris 12: 86. 1945.

Named for M. Albert Leme, author of Dict. Fl. Phan.

"Madagascar (S.-E): bassin de la Mananara, affluent
du Mandrare; pentes occidentales des montagnes entre
l'Andohahela et l'Elakelaka; Mt. Apiky, au-dessus de
Mahamavo; transition du bush xerophile à la forêt
basse sclérophylle; alt. 700-900 m., Humbert 13,799"

aff. *P. leptolomoides*

Compares with *P. Bathiei* A. Camus and *P. Neoperrieri*
Camus

Panicum lens Steud. Syn. Fl. Glum. 1: 54. 1854.

Basis of *Setaria lens* (Steud.) Miquel

"Zollinger hrbr. nr. 815. Java."

"Java"

Panicum lentigerum Presl, Rel. Haenk. 1: 299. 1830.

"Hab."

Panicum leonis Ekman ex Hitchc. U. S. Dept. Agr. Misc.

Publ. 243: 295. f. 286. 1936.

"Type in the U. S. Nat. Herb. no. 1502160, collected
"in fruticetis littoralibus", Cojimar, near Habana,
Cuba, Sept. 9, 1921, by E. L. Ekman (no. 13155)."

Man. W. I.

Panicum lepidotum Steud. Flora 29: 19. 1846.

"die japanischen Gräser.... der Göring-'schen
Sammlung."

Basis of *Isachne lepidota* (Steud.) Walp.

aff. *P. isachne australe* R. Br.

Japan

Panicum lepidulum Hitchc. & Chase, Contr. U. S. Nat.

Herb. 15: 75. f. 64. 1910.

"U. S. National Herbarium no. 155163, collected
September 22, 1885-----Chihuahua-----Mexico, by
C. G. Pringle (no. 497).-----"

Mexico

Man. U. S.

Panicum lepidum Hochst. ex Chiov. Ann. di Bot. 5: 61.

1906.

"W. Schimper Fl. Abyss. ed. II Hohenack. (1852)
n. 2020."

Africa

Panicum Leprieurii Steud. Syn. Fl. Glum. 1: 65. 1854.

"-----Leprieur in Cayenne."

French Guiana

= *P. stoloniferum* Poir.

Panicum leprosum Mez, Bot. Jahrb. Engler 57: 187.

1921.

"Comoren (Boivin)." Africa

Panicum leptachne Doell in Mart. Fl. Bras. 2: 195.

1877.

"Habitat in Brasilia (Widgren n. 1157), in herbario
Reg. Holmiensi obvium, loco accuratius non indicato."

T

Panicum leptachyrium Doell in Mart. Fl. Bras. 150.

pl. 25. 1877.

"Habitat prope Santarem prov. Paraénsis (Spruce
n. 674);-----"

Brazil

= *Paratheria prostrata*

Panicum leptanthum Steud. Syn. Fl. Glum. 1: 79. 1854.

"Hrbr. Cuming nr. 1669. Ins. Philip."

Panicum leptocaulon Trin. Mém. Acad. St. Pétersb. VI.

Sci. Nat. 1: 275. 1834.

"V. sp. Afric. oriental."

Africa

Panicum Leptochloa Nees ex Steud. Syn. Fl. Glum.

1: 62. 1854.

"Wight hrbr. nr. 125."

"Peninsula Ind. or."

India

= *Arundinella*

Panicum leptolomoides A. Camus, Bull. Mus. Hist. Nat.

30: 514. 1924.

"Comores (Boivin)."

east of Africa

Panicum leptolomoides var. *ambrensis* A. Camus, Bull.

Soc. Bot. France 106: 215. 1959.

Madagascar: Nord: montagne d'Ambre, lisière
forestière, Bosser 5534, 5535.

Panicum leptomerum Presl, Rel. Haenk. 1: 311. 1830.

"Hab."

A.S.H. 1: 171 Bur. Notes, which are with his field-
books.

= *P. laxum* Sw.
H. & C.

Panicum leptorhachis Pilger, Bot. Jahrb. Engler

30: 119. 1901.

Afr. trop. "Senegal: auf trocknen Standorten (Lecard
n. 252--1880)."

Panicum leptostachyum Presl, Rel. Haenk. 1: 311. 1830.

"Hab. in Mexico." [spk. from type in Prague in Nat.
Herb. A.S.H. 1: 171. 2: 15]

= *P. pulchellum* Raddi
H. & C.

Panicum leucacanthum Schum. Engl. Pflanzenw. Ost-Afr.

5: 102. 1895.

"Sansibar.--Tanga - Holst n. 2077, 4163; Amboni.-
Holst n. 2805)."

Africa

Basis of *Brachiaria leucacantha* (Schum.) Stapf

Panicum leucanthum A. Rich. Tent. Fl. Abyss. 2: 372.

1851.

"Tricholaema leucantha Hochst., in pl. Schimp. Abyss.
sect. III, no. 1818."

"Crescit in provincia Chiro (Quartin Dillon), et in
convallibus fluvii Tacaze prope Tchelatéheranne....
(Schimper)."

= *Tricholaema leucantha* (A. Rich.) Host.

Panicum lineare L. ex Burm. f. Fl. Ind. 25, pl. 10. f. 2
[error for 3] 1768.

Description copied from L. Sp. Pl. ed. 2. 85. 1762.
figures 2 and 3 of plate 10 are transposed, fig. 2.
named "lineare" is *Panicum patens*, and fig. 3, named
"patens", is *Cynodon dactylon*, and agrees with
Panicum lineare L., as described by Linnaeus and
copied by Burmann.

= *Cynodon dactylon*

Panicum lineare Krock. Fl. Siles 1: 95. 1787. Not L.
1762.

"*Panicum spicis digitatis*, subquaternis, linearibus,
flosculis solitariis secundis, muticis, Burm. ind.
25. T. 10. f. 2."
"Gramen Dactylon, panicula longa, spicis plurimis,
gracilibus, et longis. Sloan. hist. 1. p. 113. T.
70. f. 13."

Silesia, Germany

Sloane's T. 70 represents *Digitaria horizontalis*
Willd. and Sloane's specimen is this species. Erroneously
cited by Krock, this species not known from
the old world.
Henrard did not see Krock's work, but refers the
species to *D. ischaemum* (Schreb.) Schreb. Krock's
description might apply to this species, no mention
over

Panicum lineare Burm. misappl. by Krock. Fl. Siles. 1:
95. 1787.

Note by A.S.H.: Krock quotes descriptions from
Burm. Ind. 25. T. 10. f. 2 [Should be 3]
Also quotes description from Sloan, hist. p. 113.
T. 70. f. 13. [Should be 3]---then a full description
of his own.

[East Indies]

Panicum lineare f. *gracillimum* Aschers & Graebn. Syn.
Mittelleur. Fl. 2: 67. 1899.

Europe

Digitaria

Panicum lineare f. *hirtum* P. Junge, Jahrb. Hamb. Wiss.
Anst. 3. Beih. Mitt. Bot. Staatsinst. Hamburg
30(1912): 136. 1913.

"Rendsburg: Hohenhorn!"

Schleswig - Holstein Germany

Digitaria

Panicum lineare var. *mississippiense* Gatt. ex Beal,
Grasses N. Amer. 2: 111. 1896.

Presumably based on *P. glabrum* var. *mississippiense*
Gattinger

"Tennessee, Gattinger."

= *Digitaria ischaemum* var. *mississippiensis*
(Gattinger) Fern.

Man. U. S.

Panicum lineare var. *prostratum* Aschers. & Graebn. Syn.
Mittelleur. Fl. 2: 67. 1899.

"In den wärmeren und gemässigten Zonen beider
Hemisphären."

Europe

Digitaria

Panicum linearifolium Scribn. in Britt. & Brown, Illustr.
Fl. 3: 500. f. 268a. 1898.

(The above was published in June. It was also published
July 20, 1898 in U. S. Dept. Agr. Div. Agrost.
Bull. 11: 42. pl. 1.)

"Dry soil, especially hillsides, New York and New
Jersey to Missouri." Type a specimen so marked by
Scribner; "Washington, D.C. Vasey, 1882."

Man. U. S.

Panicum linearifolium var. *Wernerii* (Scribn.) Fernald,
Rhodora 23: 194. 1921.

Based on *P. Wernerii* Scribn.

"Painesville, O. (Werner no. 60)."

Panicum lineatum Schumacher. Beskr. Guin. Fl. 81. 1827

Guinea, Africa [Thomning and other Danish botanists
--from title]

= *Setaria barbata* Kunth fide Stapf

Panicum lineatum Trin. Gram. Icon. 2: 233. 1829.
Not Schumacher 1827.

"Figura ad specimen e Sierra Leone."

Africa

valid in Stapf: no synonyms

Africa

Panicum linkianum Kunth, Rev. Gram. 1: 33. 1829.
(not in Henr.)

Based on *Digitaria marginata* Link

= *Digitaria sanguinalis* (L.) Scop.

Brazil, S. Amer.

Panicum Linkii Steud. Nom. Bot. ed. 2. 2: 259. 1841.

Based on "*Setaria longifolia* Link."

"Hort. Berlin."

Panicum lincoides Steud. Syn. Fl. Glum. 1: 418. 1855.

"Boivin legit in Ins. Comoro."

Panicum lithophilum Swallen, Proc. Biol. Soc. Washington
54: 43. 1941.

Type in the U. S. National Herbarium no. 932898,
collected on rocky slope, Stone Mountain, Georgia,
August 23, 1905, by A.S. Hitchcock (Amer. Gr. Nat.
Herb. no. 24).

Man. U. S. II

Panicum litigiosum Steud. Syn. Fl. Glum 1: 89. 1854.

"*P. diffusum* Salzm. ex parte non Swartz. Bahia."

Brazil

Panicum liton Schult. Mant. 2: 250. 1824.

Based on *P. tenue* Muhl. [not Roxb. 1813, nom. nud.]
fide A.C.

= *P. tenue* Muhl. no locality given

Man. U. S.

Panicum litorale (R. Br.) Kuntze, Rev. Gen. Fl. 3: 362.
1898.

Based on "*Paspalum lit. Spr.*" [R. Br.]

N. Holl. Port Jackson [Australia]

= *Paspalum notatum* Plüggé

Panicum littorale Mohr ex Vasey, Bot. Gaz. 4: 106. 1879.
[vols. 3 and 4 paged consecutively]

"Mr. Chas. Mohr has sent me from Mobile, Alabama..."

= *P. repens* L. Man. U. S.

Panicum lobatum Brouss. Cat. Monsp. 1804 ex Schult.
Mant. 2: 258. 1824, nom. nud.

"(an *Setaria*?)"

Panicum loliaecum Lam. Tabl. Encycl. 1: 170. 1791.

"E. Philippinis. Commers. aff. *Panicum hirtello*."

Basis of *Oplismenus loliaecum* (Lam.) Beauv.

Philippines

Panicum loliaecum Bertol. Opusc. Sci. Bologna 3: 408.
1819. Not Lam. 1791.

"Habitat in provincia di Rio Janeiro Brasiliae."

= *Ichnananthus hirtus* (Raddi) Chase

Panicum loliforme Hochst. ex Steud. Syn. Fl. Glum.
1: 56. 1854.

"Hrbr. Dr. Hostmann nr. 1071." Surinam.

Dutch Guiana

= *Mesocetum loliforme* (Hochst.) Chase

Panicum lolium Nees, Agrost. Bras. 102. 1829.

"Habitat in campis agrestibus provinciae Piahiensis!"

= *Mesocetum rottboelliodes* (H.B.K.) Hitchc.

Brazil

Panicum longebrachiatum Steud. Syn. Fl. Glum. 1: 60.
1854.

"Guiana"

Panicum longepaniculatum Benoist, Bull. Mus. Nat.
D'Hist. Nat. (Paris): 22: 277. 1950.

"Guyane française: sans localité plus précise, 1840
Leprieur."

Panicum longepetiolatum Pilger, Bot. Jahrb. Engler
33: 45. 1902.

"Central - Afrika: Ohasal-Quellengebiet; im Lande
der Bongo, Maschiri-Hügel (Schweinfurth n. 4027. -"

Africa

4027 inflorescence = *Setaria lasiothyrsa* Stapf, fide
Stapf "foliage is referable to *Andropogon gayanus*"

[spelled longipetiolatum by A. Camus and transferred
to *Setaria longipetiolatum* (Pilger) A. Camus

Panicum longeracemosum Steud. Syn. Fl. Glum. 1: 45.
1854.

"Zollinger hrbr. nr. 915 et 719. Java."

= *Oplismenus*

Panicum longicauda Mez, Bot. Jahrb. Engler 34: 133. 1904

"Ost - Afrika: Tanganjika (Trust)."

= *Melinis*

Panicum longicoulne Swallen, Journ. Washington Acad. Sci.
21: 15. 1931.

"Type in the U.S. National Herbarium, no. 1,444,529,
collected in mountains above Bello, Quebrada del Ato,
Department Antioquia, Colombia, June 17, 1930, by
W. A. Archer (no. 160)."

Aff. *P. venezuelae* Hack.

Panicum longiflorum Gmel. Syst. Nat. 2: 158. 1791.

"Koenig apud Retz. obs. bot. 4. p. 15."

[*Paspalum longiflorum* given among other species on
this page]

Panicum longiflorum Trin. Mém. Acad. St. Pétersb. VI.
Sci. Nat. 1: 317. 1834. Not Gmel. 1791.

"V. spp. Bras."

South Amer.

= *Homolepis longispicula* (Doell) Chase

Panicum longifolium Torr. Fl. North. & Mid. U. S. 1: 149
1824.

"Hab. In the pine barrens of New Jersey...Mr. James
Goldy."

Man. U. S.

Panicum longifolium Schumacher. Beskr. Guin. Fl. 83. 1827
Not Torr. 1824.

Guinea, Africa [Thomning and other Danish botanists
--from title]

= *Setaria longiseta* Beauv. fide Stapf

Panicum longifolium var. *Combsii* (Scribn. & Ball)
Fernald, Rhodora 36: 69. 1934.

Based on *P. combsii* Scribn. & Ball

" " " " " "

Chipley, Fla. (Combs 583)

Panicum longifolium var. *pubescens* (Vasey) Fernald,
Rhodora 36: 69. 1934.

Based on *P. anceps* var. *pubescens* Vasey

Mobile, Ala. (Dr. Mohr)

= *P. longifolium* Torr. Man. U. S.

Panicum longifolium var. *tusketense* Fernald, Rhodora
23: 192. 1921.

"Valley of the Tusk River, Nova Scotia: wet peaty
margin of Butler's Lake, Gavelton, September 4,
Fernald, Long & Lindner no. 19764 (type in Gray Herb.)
Canada

Panicum longijubatum (Stapf) Stapf in Frain, Fl. Trop.
Afr. 9: 718. 1920.

P. proliferum var. *longijubatum* Stapf and paludosum
(Nees) Stapf.

Africa

Panicum longiligulatum Nash, Bull. Torrey Club
26: 574. 1899.

"Collected by Dr. Geo. Vasey, at Apalachicola,
Florida in 1892.

Man. U. S.

Panicum longipedunculatum Scribn. Tenn. Agr. Exp. Sta.
Bull. 7: 53. pl. 16. f. 61. 1894.

"Damp woods, White Cliff Springs [Tenn.] July 1890.
[Scribner type] Tullahoma"

= *P. strigosum* Muhl.

Man. U. S.

Panicum longipes Wight & Arn. in Wight Cat. n. 1638,
nom. nud.; Wight & Arn. in Hook. f. Fl. Brit. Ind.
7: 58. 1896.

"Nilghiri and Pulney Hills, Hayne, & Karkum Ghat,
alt 2000 ft. Lawson.

[India]

basis of *Cyrtococcum longipes* A. Camus

Panicum longiramus Peter, Repert. Sp. Nov. Fedde Beih.
40: 197 & Anhang, 44. pl. 29. f. 1. 1930.

"Deutsch Ost Afr. Ngulu: Malongwe Nyahua....
(Peter 34539)."

Africa

Panicum longisetum Poir. in Lam. Encycl. Suppl. 4: 275.
1816.

Based on "*Gymnotrix thurarii* Pal.-Beauv." [Beauv.]

Isle de France (Dupetit-Thouars)
Mauritius - Indian Ocean

= *Pennisetum*

Panicum longisetum Torr. Amer. Journ. Sci. 4: 58. 1822.
Not *P. longisetum* Poir., 1816.

"On the banks of Fox River" [Wisconsin]
[Coll. by Prof. D. B. Douglass in the expedition
under Gov. Cass in 1820]

= *Echinochloa walteri* (Pursh) Heller Man. U. S.

Panicum longispiculum Doell in Mart. Fl. Bras.
2^o: 261. 1877.

new name for "*Paspalum* [error for *Panicum*] *longiflorum*
Trin. 1835. not "Gmelin, Syst. Veg. 1: 158."

"(herb. Acad. Petropolit.)."

Brazil

= *Homolepis longispicula* (Doell) Chase

Panicum longissimum (Mez) Henrard, Med. Rijks Herb.
Leiden 54A: 380. 1927.

Based on *Sacciolepis longissima* Mez

T = *Panicum*

Paraguay....ad Yaguaron
(Balansa no. 2935)

Panicum longum Hitchc. & Chase, Contr. U. S. Nat. Herb.
15: 111. f. 106. 1910.

Based on
"*Panicum pilosum macranthum* Scribn. ---not *P. macranthum*
Trin. 1826. ---"Pringle no. 8195."

Jalapa. Vera Cruz.

Panicum Lorentzianum Mez, Bot. Jahrb. Engler 56(Beibl.
125): 1. 1921.

"Argentina (Lorentz et Hieronymus n. 340..."

Fasciculata

Panicum loreum Trin. Gram. Pan. 211. 1826.

"V. spp. Brasil. (Langedorff.)."

T

Panicum loreum var. *angustifolium* Doell. in Mart. Fl.
Bras. 2^o: 267. 1877.

"---in glareosis subhumidis montium Serra da Lapa
(Riedel); ad Corcovado montem (Beyrich) et ad Morro
do Midori prope Rio Janeiro (Glaziou n. 1637), etiam
a cl. Raben n. 153 in Brasilia lecta (herb. Martii)."

Brazil

Panicum loreum var. *lanata* Trin. Gram. Icon. 3: pl. 247.
1830.

Based on "*Panicum chnoodes* Tr." Trin.

Brazil (Langedorff)

Panicum loreum var. *latifolium* Doell. in Mart. Fl.
Bras. 2^o: 267. 1877.

"---in Brasilia meridionali (Sello)."

Panicum lucidum Ashe, Journ. Elisha Mitchell Soc. 15: 47.
1898.

"Collected in June 1898 by the writer in deep shady
swamps bordering Lake Mattamuskeet, N. C." Ashe

Man. U. S.

Panicum lucidum var. *opacum* Fernald, Rhodora 39: 386.
1937.

Prince George County, Virginia...north of Gary church,
....August 25, 1936, Fernald & Long, no. 6484 (Type
in Gray Herb.; isotypes in Herb. Phil. Acad., Herb.
Univ. Richmond and elsewhere)."

Man. U. S.

Panicum lukwangulense Pilger, Notizbl. Bot. Gart.
Berlin 12: 380. 1935.

"Uluguru-Gebirge: Lukwangule-Plateau ...H. J.
Schlieben n. 3520; Typus!!."

Tanganyika Terr. Africa

aff. *P. pectinatum* Rendle

Panicum lundellii Swallen, Journ. Washington Acad. Sci.
28: 9. 1938.

"Type in the U. S. National Herbarium nos. 1647561
and 1647562, collected in wet alluvial lowland, along
Mahogany Creek, Mountain Pine Ridge, El Cayo District,
British Honduras, July-August, 1936, by C. L. Lundell
(no. 6903)."

aff. *Panicum virgatum* L.

Panicum luridum Hack. Journ. Linn. Soc. 29: 64. 1891.

"Common near Antananarivo, 1745!"

Madagascar.

[O. F. Scott Elliot, coll.]

T U. S.

Panicum lutescens Weigel, Obs. Bot. 20. pl. 2. f. 1.
1772.

[Pomerania. Germany]

= *Setaria lutescens* (Weigel) Hubb.

Man. U. S.

Panicum lutescens var. *flavum* (Nees) Backer in Hayne,
Nuttige Fl. Ned.-Ind. ed. 2. 1: 220. 1927.

Based on *Panicum flavum* Nees.

= *Setaria*

prov. Piahiensis....ad Joazeiro prov. Pernambucensis
et Bahiensis (Herb. Schreberi)

Brazil S. Amer.

Panicum lutetense Schum. Bot. Jahrb. Engler 24: 332.
1898.

"Congogebiet: bei Lutete im Gebüsch an Bachufern,....
(Hens n. 194).....[Africa]

Acroceras

Panicum luteum Gueldenst, Reise 2: 58. 1791.

Russia

Panicum luticola Hitchc. Contr. U. S. Nat. Herb.
22: 485. f. 82. 1922.

"Type in the U. S. National Herbarium, no. 1,038,962
collected on a tidal flat along the Mazaruni River
at the Penal Settlement, British Guiana, Dec. 5, 1920
by A. S. Hitchcock (no. 17113)."

Panicum luxurians Willd. ex Spreng. Syst. 1: 305.
ex Jacks. Ind. Kew. 2: 415. 1894.

In Spreng. Syst. 1: 305. 1825, is "*Setaria luxurians*
Spreng." description. "Ind. or. (*Panicum* W. herb.)"
[* indicates new species]

listed in Hook. Fl. Brit. Ind. 7: 82. 1896, sub
"undeterminable, & c., species."

Panicum luzonense Presl, Rel. Haenk. 1: 308. 1830.

"Hab. in Luzonia." [Haenke - Coll.]
Philippines

Panicum lycopodioides Bory ex Nees, Agrost. Bras. 236. 1829.

"Habitat in rimis rupium basalticarum planitie des Chicots insulae Borboniae....Bory de S. Vins.-- (Vidi in Herb. Willd.)"

Reunion Isl. Indian Ocean

Panicum macellum Heer, Fl. Tert. Helv. 1: 67. pl. 25. f. 3. 1854.

fossil ---Switzerland

Panicum machrisiana Swallen, Contrib. Science 22: 10. f. 5. 1958.

Type: Dawson 14679, collected on sandstone rocky area, on west bank of stream, 14 km. south of Veadeiros, region of the Chapada dos Veadeiros, Goiás, Brazil. April 25, 1956.

"related to *P. pandum* Swallen." isotype

type 10046. T. U.S. Nat. Herb.

Panicum macilentum Presl, Rel. Haenk. 1: 310. 1830.

"Hab. in insula Luzonia." [Haenke]
[both florets perfect - Isachne ?]
Philippines

Panicum macrostachyum Benth. Fl. Austral. 7: 468. 1878.

"Queensland. Rockhampton, O'Shanesy; Herbert's Creek Bowman; Warwick, Beckler; also in Leichhardt's collection."

Australia

Panicum macranthum Trin. Gram. Pan. 209. 1826.

"V. spp. Brasil (Langed.)"

T

Panicum macroblepharum Hack. Mem. Herb. Boiss. No.

20: 7. 1900.

"Somal-Land: Laku, Keller."

T = *Digitaria*

Africa

Panicum macrocarpon Le Conte ex Torr. in Eaton, Man.

Bot. Ed. 2. 341. 1818.

"C" = Columbia college. Plants which grow about New York

= *P. latifolium* L. Man. U. S.

Panicum macrocarpon Torr. Fl. North. & Mid. U. S. 143.

1823. Not *P. macrocarpon* LeConte, 1818

"Deerfield, Mass., Cooley"

Type in Herb. Columbia Univ. N.Y.; photo & spikelet in Nat. Herb.

= *P. scribnerianum* Nash Man. U. S.

Panicum macrochaetum Link, Enum. Fl. 1: 76. 1821.

No place cited. cult.?

Panicum macrochaetum (Jacq.) Voigt, Hort. Suburb. Calo.

702. 1845. Not Link 1821.

Based on "*Pennisetum macrochaetum* Jacq."

Panicum macrocladum Chase, Journ. Arn. Arb. 20: 308.

1939.

"Type: Brass 6568, collected in April 1936, sporadic on damp soil in savanna forest, Mabadian, Western Division." Other collections are: Brass 6350, Daru Island, swampy ground in savanna forest; Macgregor 18, "Kuba Kuba," New Guinea

Somewhat resembles *Panicum mindanaense* Merr. & *P. caudiglume* Hack.
P. Braunii Mez...not *P. Braunii* Steud. appears to be this species.

Panicum macrophyllum Raddi, Agrost. Bras. 46. 1823.

"Provenit iuxta torrentes in vicinis Mandioccae, et in Montibus Estrellensibus." [Raddi, Coll.]

T = *P. latissimum* Mikan

Brazil

Panicum macrospermum Willd. ex Spreng. Syst. Veg.

1: 317. 1825; as syn. of *P. olyroides* H.B.K.

Panicum macrostachyum (H.B.K.) Nees, Agrost. Bras. 245.

1829.

(Same combination made by Doell in Mart. Fl. Bras. 24: 166. 1877)

Based on *Setaria macrostachya* H.B.K.

Between Salamanca et Zelaya, Mex. [Humboldt & Bonpland]

= *Setaria macrostachya* H.B.K. Man. U. S.

Panicum macrostachyum Hochst. ex Dur. & Schinz, Consp.

Fl. Afr. 5: 763. 1894; as syn. of *Panicum sanguinale* var. *macrostachyum* Hack., nom. nud.

"Hochst. in Schimp. Fl. Abyss. n. 2162."

= *Digitaria marginata* var. *fimbriata* (Link) Stapf in Stapf.

Panicum macrostachyum var. *patens* Doell in Mart. Fl.

Bras. 24: 167. 1877.

"ad Lagoa Santa (Warming) et Bahia (Blanchet)."

= *Setaria macrostachya* H.B.K. 1816.

var?

Brazil

Panicum macrotrichum Steud. Syn. Fl. Glum. 1: 92. 1854.

"Abyssin."

= *Rhynchelytrum longisetum* (Hochst.) Stapf & Hubb.

Panicum macrourum Trin. Mém. Acad. St. Pétersb. VI.

Spi. Nat. 1: 227. 1834.

"V. spp. Bras."

South Amer.

= *Setaria vulpiseta* (Lam.) B. & S.

Panicum macrum Kunth, Rev. Gram. 1: 40. 1829.

Based on *P. tenue* Muhl.

U. S.

= *P. tenue* Muhl.

Man. U. S.

Panicum maculatum Aubl. Fl. Guian. 1: 51. 1775.

"Cette plante se plaît au bord de rivières."

French Guiana

(A.S.H. Bur. Notes 3: 35, filed with his fieldbooks)

= *Lasiacis*

Panicum maculatum Reichb. ex Schlecht. Linnaea 6: 33.

1831. Not Aubl. 1775. as syn. of *P. latifolium*

(misapplied)

Lasiacis sp.

Panicum maculatum Ashe, Journ. Elisha Mitchell Soc.

15: 44. 1898. Not Aubl., 1775.

"Collected by the writer at Raleigh, N. C., May, 1895." Ashe

= *P. yadkinense* Ashe Man. U. S.

Panicum maculatum var. *pilosa* Fourn. Mex. Fl. 2: 32.

1886.

"*P. fruticosum* Salzm. in herb. Mus. Par."

"Bahia (Salzm.)" cited

Brazil

= *Lasiacis*

Panicum madagascariense Spreng. Syst. Veg. 1: 317. 1825.

"Madagascar. (*P. coloratum* Aub. Thuar. in W. herb. [Willd.]

Panicum madagascariense var. *brevispiculum* Rendle, Cat.

Afr. Fl. Welw. 24: 183. 1899.

Loanda....No. 7290....No 7297....No 7297b.No. 7457
....Nos. 7379, 7380, 7381, 7383, No. 2907."
[Welwitsch, Coll.]

Angola

Panicum madagascariense var. *minus* Hack. Bot. Jahrb.

Engler 11: 400. 1889.

"Oriqualand-West, in planitie arenosa prope urbem Barkly-West,(Marl. n. 987).--Hereroland, in sabulosis depressis prope Otyimbingue....(Marl. n.1378)

T Marloth 1378 in 1886. fragmentary

Africa

Panicum madipirense Mez, Bot. Jahrb. Engler 57: 189.

1921.

"Ostafrika (Amani Inst. herb. n. 2582, 2583."

Africa

Panicum magellanicum Lam. Encycl. 4: 732. (err. typ.

742) 1798.

"Cette graminée a été recueillie au détroit de Magellan par Commerson."

error

= *Centotheca lappacea* see Type card.

[See photo of specimen "Commerson sans étiquette"

"labeled *Panicum*, Detroit du Magellan Commerson" =

= *Centotheca lappacea* (L.) Desv.

Panicum magnum Hitchc. Contr. U. S. Nat. Herb. 22: 489.

f. 84. 1922.

"Type in the U. S. National Herbarium no. 1038505, collected in rich soil along edge of forest, about 3 miles southwest of Bartica, British Guiana, Dec. 10, 1919, by A. S. Hitchcock (no. 17194)."

= *Ichnanthus breviserobe* Doell

Panicum maguirei Swallen, Mem. N.Y. Bot. Gard.

9: 264. 1957.

Type: bunch grass on savanna; lateral south drainage of "North Valley" alt. 1700 m., Cerro Quaiquinima, Rio Paragua, Bolívar, Venezuela, Jan. 2, 1952, Bassett Maguire 32899; New York Botanical Garden. related to *Panicum loreum*.

Panicum mahafalense A. Camus, Bull. Soc. Bot. France

72: 620. 1925.

"Madagascar sud-ouest: dunes de Tsimanampetsotsa, côte Mahafaly, ----(Perrier de la Bathie, no. 11101)."

Panicum majusculum F. Muell. ex Benth. Fl. Austral

7: 482. 1878.

"F. Muell. Herb."

"N. Australia. Victoria River, Eisey."

Basis of *Ichnanthus majusculus* (F. Muell.)

Hughes; referred to *Panicum majusculum* F. Muell. by Lazar. Australian Journ. Bot. 7: 336. f. 4. 1959.

Panicum majusculum var. *pilosum* Domin, Bibl. Bot. 85:

310. f. 68. 1915.

"North-Queensland: im Chillagoe-Distrikte anscheinend nicht selten, so bei Chillagoe, in den Savannenwäldern nördlich von Chillagoe und am Walsh River (Domin 1910.)"

P. majusculum var. *pilosum* "has not been seen" Lazarides, Australian Journ. Bot. 7: 338. 1958.

= *Ichnanthus*

Panicum makarikariensis (Gooss.) Van Rensb. E. Afr.

Agric. Journ. 14: 4, 5, 8, 9. 1948.

No description; presumably based on *P. coloratum* var. *makarikariensis* Goossens, Kew Bull. Misc. Inf. 1934: 195. 1934.

Bechuanaland: Makarikari pan, on the Nati River, Pentta in Nat. Herb. Pretoria 8416; Phillips & Goossens in Nat. Herb. Pretoria 8787.

Africa

Panicum malabaricum (L.) Merr. Philippine Journ. Sci.

Bot. 4: 248. 1909.

Based on "*Poa malabarica* L. Sp. Pl. (1753) 69."

India

Stapf 1920: "a member of *Panicum nodosum* group." Merrill 1909 = *Panicum arnotianum* Nees.

See card *Centotheca malabarica* for history.

Panicum malaccense Trin. Gram. Pan. 204. 1826.

"V. sp. malacc. (Stephan, qui a beato Willdenowio sub nomine *Agrostis malaccensis* acceperat.)"

Malay Peninsula

Panicum malacodes Mez. & Schum. Notizbl. Bot. Gart.

Berlin 7: 70. 1917.

"Angola, Huilla (Antunes n. 202)."

Africa

Panicum malacum Nash, Bull. Torrey Club 24: 197. 1897.

"Collected by the writer [Nash] in the 'high pine land' at Eustis, Lake County, Florida, May 1-15, 1894, no. 628."

Man. U. S.

Panicum malacophyllum Nash, Bull. Torrey Club 24: 198.

1897.

"Type collected by Mr. B. P. Bush on May 19, 1895, at Sapulpa, Indian Territory, no. 1228."

Oklahoma

Man. U. S.

Panicum malacophyllum (Trin.) Kuntze, Rev. Gen. Pl. 33:

362. 1898. Not Nash, 1897.

Based on "*Paspalum malacophyllum* Trin.)"

Brazil

Panicum malacophyllum var. *cordobense* Kuntze, Rev. Gen.

Pl. 33: 362. 1898.

"Argentina: Cordoba." [coll. O. Kuntze]

= *Paspalum*

Panicum malacophyllum var. *elongatum* (Griseb.) Kuntze,

Rev. Gen. Pl. 33: 362. 1898.

Based on *Paspalum elongatum* Griseb.

Argentina

Cordoba...pr. Ascochinga. Tucuman in m. Cuesta de

Berico. Catamarca...[Lorentz]

Panicum malacotrichum Steud. Syn. Pl. Glum. 1: 418.

1855.

"Boivin legit in Ins. Nossibé." near Madagascar

Panicum manarensis A. Camus, Not. Syst. 15: 412. 1959.

Bush xérophile sur terrains cristallins. Sud-Est: basse vallée de la Mananara, affluent du Mandrare, alt. 20-50m., Humbert et Capuron 29168.

"---quelque analogie avec le *P. leprosum* Mez, des Comores----

Panicum manatense Nash, Bull. Torrey Club 24: 42. 1897.

"Collected by the writer [Nash] on August 21, 1895, near a sulphur well in a wet hammock northeast of Palmetto, Manatee County, Florida, no. 2428a."

= *P. joorii* Vasey

Man. U. S.

Panicum mandrarensis A. Camus, Bull. de la Soc. bot.

Frang. 99: 63. 1952.

Sud: vallée moyenne du Mandrare, pres d'Anadabolava, alt. 200-250 m. (Humbert, 12.549), type.

Madagascar

Panicum mandshuricum Maxim. Mém. Acad. St. Pétersb.

Sav. Etrang. 9: 328. 1859.

"Hab. Am südlichen Amur: bei Onni,... auf trocknen Prairien 1½ Tagereisen oberhalb der Bureja-Mündung. East Sibiria [Maximowicz Collector?]"

[Referred to Debeaux Fl. Tientsin 71. 1879 as "*Paspalum mandshuricum*."

= *Arundinella anomala*

Panicum mandshuricum var. *pekinense* Maxim. Mém. Acad.

St. Pétersb. Sav. Etrang. 9: 329. 1859.

"Hab. In Nord-China: auf sandigen Hügeln bei Gubei-kou, Aug. 1847 (fl. incip. 1. Dr. Tatarinow)."

Panicum mangaloricum Steud. Syn. Pl. Glum. 1: 78. 1854.

"Prope Mangalore"

India

Panicum manicatum Stapf in Frain, Fl. Trop. Afr.

9: 693. 1920.

"Mozambique Distr. Portuguese East Africa: Zambesi Delta; on flooded land between Mambucha and Vicente, Scotti"

Africa

Panicum mannii Mez, Bot. Jahrb. Engler 34: 143. 1904.

"Kamerun (Mann)." Africa

Panicum manongarivense A. Camus, Bull. Soc. Bot.

France 72: 707. 1925.

"Madagascar: Massif de Manongarivo ... (Perrier de la Bathie, no. 11.091)."

Panicum mapalense Pilger, Notizbl. Bot. Gart. Berlin

15: 707. 1942.

"Deutsch-Ostafrika: Ssongea, Mapala-Urwald (H. J. Schlieben n. 998 -- Mai 1931)."

aff. *P. issongense*

Panicum marathense Henr. Med. Rijks Herb. Leiden

43: 2. 1922, as syn. of *Urochloa marathensis*.

India

Panicum margaritaceum Link, Hort. Berol. 1: 205. 1827.

No place cited.

aff. *P. colonum*

Echinochloa

Panicum margaritifolium (Chiov.) Robyns, Mém. Inst. Col.

Belge Soc. Sci. Nat. & Med. 1: 36 (repr.) 1932.

Based on *Isachne margaritifera* Chiov. p.p.

Congo State - Afr. Catanga, ... (Bovone n. 81, 90 Ditungula, ... (Bovone n. 14)

[Bovone 81 and 90 made basis of *Panicum margaritifolium* (Chiov.) Robyns---Bovone 14, type of *Isachne margaritifera* Chiov. var. *angustifolia* Chiov. reduced to syn of *Panicum fulgens*---see Stapf 9: 1098. 1934.

Panicum marginale (Rudge) Hack. Ergeb. Bot. Exped. Akad.

Wiss. Südbros 9. 1906; Denkschr. Akad. Wiss. Math.

Naturw. (Wien) 79: 70. 1908.

Based on "*Cenchrus marginalis* Rudge" Fl. Guian. p. 19 t. 25(1805).

= *Echinolaena inflexa* (Poir.) Chase

South America

Panicum marginatum R. Br. Prodr. Fl. Nov. Holl. 190.

1810.

"Apud Portum Jackson, inclusis ripis aestuarii Hunter's River vel Coal River." [Robert Brown, Coll.] 1802-1805.

[Banks presented his collections from the first Cook journey. See title-page. Impossible to tell from t.p. whether specimens are R. Br.'s or Banks--C.D. Miles]

Basis of *Entolasia marginata* (R. Br.) Hughes

Australia

Panicum marginatum Vahl ex Wall. List. n. 873213.

1849, nom. nud.

Panicum marginatum var. *majus* Benth. Fl. Austral.

7: 486. 1878.

"Queensland, chiefly in Leichhardt's collections."

= *Entolasia marginata* (R. Br.) Hughes

Australia

Panicum marginatum var. *strictum* (R. Br.) Benth. Fl.

Austral. 7: 486. 1878.

Based on "*P. strictum* R. Br."

Basis of *Entolasia stricta* (R. Br.) Hughes

Portum Jackson. Hunters River vel Coal River.

Brown in 1802-05? Banks?

Australia

Panicum marginellum (Link) Schrad. Linnaea 12: 428. 1838.

Based on "*Digitaria marginata* Lk."

" " " " Link

Brazil

Panicum Mariae Steud. Syn. Fl. Olum. 1: 419. 1855.

"Boivin coll. nr. 1620. From Maria, Madagascar."

Panicum maritimum Lam. Encycl. 4: 727. (err. type 737). 1798.

"Ce panic est cultivé au Jardin de Paris."

Panicum maritimum Hort. ex Lam. Encycl. 4: 727. (err. typ. 737) 1798. cited under *P. maritimum* Lam. cult. ?

Panicum Marlothii Hack. Bot. Jahrb. Engler 11: 398. 1889.

"Betschuanaland, in planitie lapidosa prope pagum Manjeering (Marl. n. 1147)."

Africa

Panicum martianum Nees, Agrost. Bras. 138. 1829.

"Habitat ad Almadam (Mart.)."

Basis of *Ichnanthus martianus* (Nees) Doell

Brazil

Panicum martinicense Griseb. Fl. Brit. W. Ind. 552. 1864.

"*P. fuscum* Sieb. Mart. 29."

Lasiacis sorghoidea (Desv.) H. & C.

Martinique, W. I.

Panicum marunguense Robyns, Mém. Inst. Col. Belge Sec. Sol. Nat. & Med. 1: 37 (repr.) pl. 4. f. A.F. 1932.

"*Isachne margaritifera* Chiov. p.p." cited.

"District du Haut-Katanga: Haut Marungu....juin 1914, Bovone I, 66 (type)."

Belgian Congo Africa

Panicum massaense Mez, Bot. Jahrb. Engler 34: 144. 1904.

"Massai - Steppe (Stuhlmann n. 4307)."

Afr. trop.

Panicum matsumurae Hack. Bull. Herb. Boiss. 7: 644. 1899, nom. nud.

"(sect. *Ptychophyllum*)"

"Coll. Faurie: 6733 Tokyo; coll. Matsum.: Tokyo."

[Japan]

Setaria \S *Ptychophyllum*

Asia

Panicum Mattamusketense Ashe, Journ. Elisha Mitchell Soc. 15: 45. 1898.

"Roadsides, ditch banks and wet open woods around lake Mattamusket, N. C.---collected by the writer, and Mr. Gilbert Pearson in June, 1898." Ashe

Man. U. S.

Panicum mattamusketense var. *Clutei* (Nash) Fernald, Rhodora 39: 386. 1937.

Based on *P. Clutei* Nash

" " " "

Fine barrens So. New Jersey. W. N. Clute 1899.

Panicum mattogrossense Kuntze, Rev. Gen. Fl. 3: 362. 1898.

"--affine *P. phleiforme* Presl differt foliis involutis valvis apicem versus hirsutis."

(entire description)

"Mattogrosso."

= *Sacciolepis*

Panicum mauritianum Willd. ex Spreng. Syst. Veg.

1: 305. 1825, as syn. of *Setaria mauritiana* Spreng.

"W. herb."

"Ins. Mauritiæ s. Franciæ."

Panicum mauryi Swallen, Fieldiana 28: 26. 1951.

Based on: *Panicum micranthus* var. *hirtum* Maury.

Territorio Federal Amazonas: Sabana Grande, alt. 200 m., Steyermark 57863; between Esmeralda Ridge and Sabana de Arboles, alt. 200 m., 57780.

Venezuela

Panicum Maximiliani Schrad. ex Schult. Mant. 2: 255. 1824.

"In Brasilia. Princeps Sereniss. Maximil Neowidensis"

Ichnanthus

A.S.H.'s Eur. Notes (with his fieldbooks)

Panicum maximiliani var. *glabrescens* Doell, in Mart. Fl. Bras. 2: 222. 1877.

"f. *glabrescens* a cl. Freyreiss, locum accuratius non indicante, in Brasilia lecta (herb. Holm.)."

Ichnanthus

Panicum maximum Jacq. Coll. Bot. 1: 76. 1786.

"In insula Guadeloupe sponte crescit." Jacq. Ic. Fl. Rar. 1: 2. t. 13. 1781-1786. "Jacq. coll. vol. 1" cited. Plate shows traditional *P. maximum* Jacq.

Man. U. S.

Lesser Antilles

Schubert (Contr. Gray Herb. No. 154: 3. (footnote) 1945.

"In some cases in Vol. 1 references on the plates are given to Miscell. 3. In a note in vol. 1 of the Collectanea, however, the author explains that he has changed the title of the Misc. after publication of the second volume and the work is continued as the Collectanea."

So Coll. would be used instead of Misc.3.

Panicum maximum Jacq. misappl. by Hochst. ex A. Rich. Tent. Fl. Abyss. 2: 373. 1851; as syn. of *P. jumentorum* Pers.

Jacq. Coll. cited.

Panicum maximum var. *altissimum* Kuntze, Rev. Gen. Fl. 3: 362. 1898.

Cites: "(Brouss. 1805)" [*Panicum altissimum* Brouss. nom. nud.]

"Ostafrika: Beira, an Scheinend verwildert. Diese Culturform ist tropisch cosmopolitisch geworden."

Panicum maximum var. *bulbosum* (H.B.K.) Vasey in Wheeler, Rep. U. S. Surv. W. 100th Merid. 6: 295. 1878.

Cited as: "*Panicum maximum*, var. *bulbosum*, Jacq."

Presumably based on *P. bulbosum* H.B.K.

= *P. bulbosum* H.B.K. Man. U. S.

Novae Hispaniae... juxta Santa Rosa, Los Joares et Guanaxuato, Mex. [Humboldt & Bonpland]

Panicum maximum var. *coloratum* White, Queensl. Agr. Journ. 49: 112. pl. 41. f. D 1, 2. 1938.

"Queensland: Lawnton, near Brisbane (cultivated in experimental plot, Department of Agriculture and Stock). F. B. Coleman, No. T. 167, March, 1932 (Type of the variety)."

Australia

Panicum maximum var. *commune* Nees, Fl. Afr. Austr. 1: 36. 1841.

"in Hottentotthollandia (Stellenbosch), ad flumen Zwartkopsrivier prope praedium Pauli Maré alt. III (Uitenhage)....."

So. Africa

Panicum maximum var. *confine* (Hochst.) Chiov. Ann. Ist. Bot. Roma 8: 33. 1903.

"P. confine Hochst apud Rich." cited as syn.

"Assorta: monte Ghedem 5. IV. 1892 (T.P. Amasen: Ghinda-Baresa 1000 m. 17. II. 1893 (T. P. n. 117) Mensa: Gheleb 1900 m. 7. II. 1893 (T. P. n. 1071)."

[Terracciano & Pappi, collectors]

[Colonia Eritrea, Africa]

Panicum maximum var. *confine* (Hochst.) Pirotta Fl. della Colonia Eritrea 33. 1903.

Based on *P. confine* Hochst. ap. A. Rich. Tent. fl. Abyss 2: 363.

Panicum maximum var. *congoensis* Vanderyst, Bull. Agr. Congo Belge 13: 335. 1922.

"cult. Jard. Agrost. de Leverville 1916-19."

not in Stapf

Panicum maximum var. *effusum* A. Camus, Not. Syst. 15: 413. 1959.

Bush xérophile sur terrains cristallins, alt. 200-500m. Sud-Ouest: environs d'Antanimoro (Androy); 30-35km. au N. vers Ambia, Humbert et Capuron, 28804.

"---panicule très lâche, effuse, ses épillets à poils courts et nombreux, cachant à peu près les nervures."

Panicum maximum var. *glaucum* Nees, Fl. Afr. Austr. 1: 36. 1841.

"ad Fort Natal, locis depressis humidis inter frutices infra 100' alt., (Drège.)"

Africa

Panicum maximum var. *gongylodes* (Jacq.) Doell in Mart. Fl. Bras. 2: 203. 1877.

Based on *Panicum gongylodes* Jacq.

= *P. bulbosum* H.B.K. H. & C.

Man. U. S.

Panicum maximum var. *heterotrichum* Peter, Repert. Sp. Nov. Fedde Beih. 40: 195 & Anhang, 42. 1930.

"Deutsch Ost Afr.: Meru: am Bach Temi bei Aruscha.... (Peter 42552)"

Panicum maximum var. *hirsutissimum* (Steud.) Oliver, Trans. Linn. Soc. 29: 171. 1875.

Based on *Panicum hirsutissimum* Steud.

= *Panicum maximum* Jacq. in Stapf

Afr. austr.

Panicum maximum var. *hirsutum* Peter, Repert. Sp. Nov. Fedde Beih. 40: Anhang, 42. 1930.

"Specimina authentica Peter 34714."

Panicum maximum var. *laeve* Nees, Fl. Afr. Austr. 1: 36. 1841.

"ad sinum Plettenbergbaai, distr. George, (Mund in herb. Reg. Berol.)."

So. Africa

Panicum maximum var. *pubiglume* Schum. ex Peter, Repert.
Sp. Nov. Fedde (Beih.) 40: 195. 1930, without descr.

Deutsch Ost Afr. W[est] Usambara: Mashewa ... (Holst 8716!). --Ugogo: Felshügel westl. von Dodoma....
Peter 33142

Panicum maximum var. *trichoglume* Eyles, Trans. Roy. Soc.
South Afr. 5: 300. 1916, without descr.; Robyns,
Mem. Inst. Col. Belge 16: 31. 1932.
[sufficient description for publication]

Eyles cites: "Victoria Falls, Allen 260."

Robyns cites: "District Côtier: Moanda, novembre 1930
Vanderyst 27725."

Panicum mayarense Wright, Anal. Acad. Cienc. Habana
8: 206. 1871. [reprint Fl. Cub. 197. 1873]

"3468 p.p. En los pinares de Mayarí abajo." [Wright,
Coll.]

= *Ichnanthus mayarensis* (Wright) Hitchc.

Cuba, W. I. Man. W. I.

Panicum maynense Trin. Linnaea 10: 298. 1836.

"Peruvia, Toosche, in sylvis depress." (America
calidior, Poeppig.)

= *Ichnanthus candicans* (Nees) Doell

Andes Gr.

Panicum mayumbense Franch, Bull. Soc. Hist. Nat. Autun
8: 343. 1893.

"Hab. Forêt de Mayumbe, dans les terrains argileux
(Thollon, n. 1209)."

Basis of *Commelinedium mayumbense* (Franch.) Stapf in
Stapf.

French Congo Africa

= *Panicum*

Panicum medium Muhl. ex Ell. Bot. S. C. & Ga. 1: 113.
1816, as syn. of *P. glaucum purpurascens* Ell.

= *Setaria geniculata* (Lam.) Beauv. Man. U. S.

Panicum megacarpum Steud. in Lechl. Berb. Amer. Centr.
56. 1857. Name only.

Lechler 2219. Peru

Andes Gr.

= *Lasiacis ligulata* H. & C.

Panicum megalanthum Steud. Syn. Fl. Glum. 1: 93. 1854.

"Courtallum" Ind. or.

Panicum megaphyllum Steud. Syn. Fl. Glum. 1: 53. 1854.

"Jardin legit in Guinea."

Africa

Panicum megapotaemicum Spreng. Syst. Veg. 4: Cur. Post.
34. 1827.

"Rio grande. Sello."

T Brazil

Panicum megastachyum Nees in Trin. Gram. Pan. 205. 1826.
See Nees 1829.

"V. spp Brasil. (Langsdorff)"

T

Panicum megastachyum Nees, Agrost. Bras. 154. 1829.
Not same, Nees in Trin. 1826 q.v.

"Brasil (Langsdorff)"

Panicum megastachyum Presl, Rel. Haenk. 1: 305. 1830.
Not Nees, in Trin. 1826 nor Nees ipse 1829.

"Hab. in montanis Peruviae humococcibus." Haenke.

Huánuco, Peru, Haenke

= *P. urvilleanum* Kth.

Man. U. S.

Panicum megiston Schult. Mant. 2: 248. 1824.

Based on *P. altissimum* Meyer.

= *P. mertensii* Roth 1817.

Hof van Holland
Essequibo [Brit. Guiana]

Panicum megiston f. *pauciflora* Hack. in Hassler, Fl.

Pilcomayensis 1: 30. 1909.

"Rojas n. 129." Orillas del Rio [fluminis Pilcoma-
yo] Argentine Republic or Paraguay.

dupl. type

= *P. mertensii* Roth

Panicum melananthum Trin. ex Steud. Nom. Bot. ed. 2.
2: 259. 1841, nom. nud.

Buenos Aires, Argentina

Panicum melananthum F. Muell. Trans. & Proc. Vict. Inst.
(Melbourne) 1854/1855: 47. 1855.

"On wet, sandy, or gravelly banks of the Ovens and
King River." [Collector not cited]

Australia

Panicum melanogonum Mez, Bot. Jahrb. Engler 56(Beibl.
125): 6. 1921.

"Martinique (Sieber)." W. I.

Panicum melanospermum Mez, Bot. Jahrb. Engler 57: 186.
1921.

"Südwestafrika, Hereroland (Collector Witzzenhaus in
Herb. Hamburg)"

Panicum melanotylum Hack. Bot. Jahrb. Engler 11: 398.
1889.

"Betschuanaland, in lapidosis montium Ga Mhana prope
Kuruman, ... (Marloth n. 1091)."

T fragmentary

"Aff. *P. gossypino* Rich."

Africa

Panicum Mel-frugum Hort. ex Schult. Mant. 2: 598. 1824,
without descr.

Panicum melicarium Michx. Fl. Bor. Amer. 1: 50. 1803.

"Hab. in Carolina, Georgia" Michaux, Coll.

S. Car.

= *Glyceria melicaria* (Michx.) Hubb. Man. U. S.

Panicum melicoides Poir. in Lam. Encycl. Suppl. 4: 283.
1816.

"Le lieu natal de cette plante ne m'est pas connu
(V. s. in herb. Desv.)"

Panicum melinis Trin. Mém. Acad. St. Petersb. VI. Sci.
Nat. 1: 291. 1834.

Based on *Melinis minutiflora* Beauv.

Rio Janeiro (Brazil)
(Jussieu)

Man. U. S.

Panicum melinis var. *inermis* Doell in Mart. Fl. Bras.
2: 242. 1877.

"prope Rio de Janeiro (Olaziou n. 1166)."

Brazil

Panicum membranaceum Robyns, Mém. Inst. Col. Belge Soc.
Sci. Nat. & Med. 1: 41 (repr.) pl. 4. f. G.M. 1932.

"District du Haut Katanga: environs de Kipushi, le
long de la route d'Elisabethville.... Mars 1926,
Robyns 1815 (type)."

Belgian Congo

Panicum meneri Koen. ex Willd. Ges. Naturf. Freunde
Berlin Neue Schrift. 4: 183. 1803, nom. nud.; ex
Nees, Fl. Afr. Austr. 40. 1841, as syn. of *P.*
miliare L.

Africa

Panicum Meneritana (Poir.) Spreng. Syst. Veg. 1: 321.
1825.

Based on "(*Isachne meneritana* Poir.)"

"I'île de Ceilan" [Ceylon?] (Burm.)

Panicum Menyharthii Hack. in Schinz, Bull. Herb. Boiss.
II. 1: 766. 1901.

"Südost-Afrika: Boruma am Sambesi, Menyharth."

aff. *P. callosum* Hochst.

Africa

= *P. deustum* in Stapf

Panicum meridionale Ashe, Journ. Elisha Mitchell Soc.
15: 59. 1898.

"North Carolina, Chapel Hill in June, 1898, and Jonas
Edge, Burke Co., June 1893. ---Dry rocky woods."

Ashe.

Man. U. S.

Panicum meridionale var. *albemarlense* (Ashe) Fernald,
Rhodora 36: 76. 1934.

Based on *P. albemarlense* Ashe

N. Car. Ashe

= *P. albemarlense* Ashe Man. U. S.

Panicum merkeri Mez, Bot. Jahrb. Engler 34: 144. 1904.

"Kilimandschargebiet (Merker)."

referred to *P. swymertonii* Benth 1911 in Stapf (if
correct.)

P. merkeri Mez is valid name

Afr. trop.

Panicum mertensii Roth in Roem. & Schult. Syst. Veg.
2: 458. 1817; Roth, Plant. Sp. Ind. Orient. 48.
1821.

"Roth nov. plant Spec. Ms. ... In Essequibo. Mertens!"

P. megiston Schult = this

British Guiana

Panicum Mesocoomum Nees, Fl. Afr. Austr. 34. 1841.

"In editoribus (alt. infra 500') ad Garip fluvium prope Verleptpraam (Klein Namaqualand), Septembre in anthesi, (Drège)." Africa

Type species of *Leucophrys* Rendle

Panicum Metzii Hochst. ex Steud. Syn. Fl. Glum. 1: 95. 1854.

"(Hrb. Hohnkr. nr. 1276)...."Montes Nilagiri."

India

Panicum mexicanum Scribn. & Merr. U. S. Dept. Agr. Div. Agrost. Bull. 21: 40. 1900.

Based on *Setaria effusa* Fourn.

Bourgeau 2599, Orizaba, Mexico first cited.

in Types U. S. Herb.

= *Setaria paniculifera* (Steud.) Fourn.

Panicum Meyerianum Nees, Fl. Afr. Austr. 32. 1841.

"In graminosis apricis et inter frutices ad ostia Omsamoulo fluvii, (Drège)"

So. Africa

Panicum Meyerianum Trin. ex Steud. Nom. Bot. ed. 2.

2: 259. 1841, nom. nud.

Panicum meyerianum var. *grandeglume* Stent & Battray,

Proc. Rhodesia Sci. Ass. 32: 28. 1933.

"Lomagundi: Mnyani,...Eyles 3138."

Rhodesia Africa

Panicum meyerianum var. *umbratile* (Mez) Chiov. Webbia

8: 77. 1951.

Based on *Panicum umbratile* Mez, Engl. Bot. Jahrb. 34. 142 (1904)

see type of *P. umbratile* Mez in Types

Southern Abyssinia

Panicum michauxianum Schult. Mant. 2: 227. 1824.

Based on *P. molle* Michx.

= *Eriochloa michauxii* (Poir.) Hitchc. Man. U. S.

Florida, Michaux

Panicum michauxii Poir. in Lam. Encycl. Suppl. 4: 278.

1816.

Based on "*Panicum molle* Michx. ... non Swartz."

Florida (Michaux)

Same comb. made by Roem. & Schult. Syst. Veg. 2: 427. 1817.

= *Eriochloa michauxii* (Poir.) Hitchc. Man. U. S.

Panicum micranthum H.B.K. Nov. Gen. & Sp. 1: 105. 1815.

"Caracasana et in planitie propatula juxta Villa de Cura, inter 270 et 450 hexap." [Humboldt & Bonpland]

T

[A.S.H. 1: 75--Eur. Notes in case with his field-books]

Venezuela

Panicum micranthum var. *hirtum* Maury, Journ. de Bot.

3: 162. 1889.

"Cerro Carichaud, savane sèche, J. Chaff., n. 284."

T Haut - Orénoque

Basis of *P. mauryi* Swallen

Venezuela

Panicum microbachne Presl, Rel. Haenk. 1: 298. 1830.

"Hab." [probably Philippines]

= *Digitaria microbachne* (Presl) Henr.

Panicum microcarpon Muhl. ex Ell. Bot. S. C. & Ga. 1:

127. 1816.

No locality cited; label in Ell. herb. reads, "Hab. Georg: Dr. Baldwin."

Man. U. S.

Panicum microcarpon Muhl. Descr. Gram. 111. 1817.

Not Muhl. Ell., 1816.

"Semina e Virg. et Cherokee et Delaware."

= *P. polyanthes* Schult. Man. U. S.

Panicum microcarpon var. *isophyllum* Scribn. Tenn. Agr.

Exp. Sta. Bull. 7: 51. f. 54. 1894.

No loc. cited. [Alleghany Springs, Tenn., Gayle]

referred to as "the variety *isophyllum*"

= *P. polyanthes* Schult. Man. U. S.

Panicum microcarpon var. *sphaerocarpon* Vasey, Grasses

U. S. 12. 1883.

Based on "*P. sphaerocarpon* Ell."

Georgia, Baldwin

= *P. sphaerocarpon* Ell. Man. U. S.

Panicum microcephalum Peter, Repert. Sp. Nov. Fedde

(Beih.) 40: 196 & Anhang, 44. pl. 25. f. 2. 1930.

Deutsch Ost Afr. Uyinsa: westl. von Lugufu.... (Peter 36484, 36546) "Specimina authentica"

Panicum micrococum (Mez) Peter, Repert. Sp. Nov. Fedde

(Beih.) 40: 202 & Anhang, 52. 1930.

Based on *Sacciolepis micrococum* Mez.

Africa centr.---Schweinfurth 2670,--- Afr. occident.---Barter 759; Senagambia, Heudelot 551.

Panicum micrognotum Steud. Syn. Fl. Glum. 1: 78. 1854,

as syn. of *P. concinnum* Nees in Hook. 1850, not

Schrad. 1838.

"Insulae Philippinae---Guming, Phil. n. 2284."

T = *P.*

Panicum microlemma Pilger, Notizbl. Bot. Gart. Berlin

15: 707. 1942.

"Deutsch-Ostafrika: Bezirk Lindi, etwa 40 km. westl. Lindi, Lutamba-See, waldiges Ufer in Gruppen unter Bäumen (H. J. Schlieben n. 6231---April 1935)"

aff. *P. transvenulosum* Stapf

Panicum microphyllum Ashe, Journ. Elisha Mitchell Soc.

15: 61. 1898.

"Collected by the writer June, 1898, at Chapel Hill, N.C."

= *P. meridionale* Ashe Man. U. S.

H. & C.

Panicum microspermum (Lag.) Fourn. in Hensl. Biol.

Centr. Amer. Bot. 3: 492. 1885, nom. nud. Fourn.

Mex. Fl. 2: 22. 1886.

Comb. made by Fourn. Mex. Fl.

(specimens cited are *P. trichanthum*! A.S.H.)

Based on *Milium microspermum* Lag.

Novo Hispania (Sessé) Mexico

= *P. trichanthum* Nees H. & C. Rev. *Panicum*

Panicum microstachyum Lam. Tabl. Encycl. 1: 170. 1791.

"Ex India. Sonner"

"An *P. curvatum* L."

= *Sacciolepis* ex descr. "glumis striati ventricose"

Panicum microthyrsum Stapf in Frain, Fl. Trop. Afr.

9: 729. 1920.

"Lower Guinea. Belgian Congo: Stanley Pool District; Kimanzu, Gillet, 1720!"

Africa

Panicum milanjanum Rendle, Trans. Linn. Soc. Bot.

4: 56. 1894.

"Hab. Milanji, Oct. Collected by Mr. Alexander Whyte." [Nyasa-land, Africa]

= *Digitaria milanjanum* (Rendle) Stapf

Panicum miliaceoides Roxb. Hort. Beng. 8. 1814, without descr.; not in Fl. Indica ed. Carey, 1820.

Panicum miliaceum L. Sp. Pl. 58. 1753.

"Habitat in India"

Man. U. S.

Asia

Panicum miliaceum Walt. Fl. Carol. 72. 1788.

Not L., 1753.

South Carolina

= *P. dichotomiflorum* Michx. Man. U. S.

Panicum miliaceum Trin. ex Kunth, Enum. Pl. 1: 113.

1833, error in Kew. Ind. 2: 416. 1894 for "*P. malaccense* Trin. mes."

Panicum miliaceum Blanco, Fl. Filip. ed. 1. 39. 1837.

Not L. 1753.

Philippines. No locality cited.

Panicum miliaceum var. *aereum* Koern. Syst. Uebera

Cereal. 19. 1873, nom. nud.; Koern. in Koern. &

Wern. Handb. Getreidebau. 1: 254, 256. 1885.

In bot. gard. cult.

Panicum miliaceum (Group *Effusum*) var. *albobadum* Arn.

Bull. Appl. Bot. Pl. Breed. 14: 262, 270. 1924.

"Each of the three principal groups, based on the shape of the panicle embraces too great a morphological diversity and has been, therefore, subdivided into narrower units." P. 1 shows the photographs of the established types."

albus + badius

Klenks. & Val. No. 0146+78; Saccardo No. 1-20. Sakkardo

[in Russian] U.S.S.R.

Panicum miliaceum (Group *Compactum*) var. *alborubiginosum*

Arn. Bull. Appl. Bot. Pl. Breed. 14: 263, 270. f. 1.

1924. (see note on subalbobadum)

"Klenks. & Val. No. 127, (132)+146; ...Saccardo Sakk. [in Russian] No. 29+28."

U.S.S.R.

Panicum miliaceum var. *album* Stokes, Bot. Mat. Med.

1: 143. 1812.

"From Both germ. ...73 [75] var. ...Vaiill. paris. 127.

[no locality nor collector cited]

[Germany]

Panicum miliaceum var. *album* Opiz, *Seznam. Rostl. Česko.*

71. 1852. Credited to "Pe" Peterman
nom. nud.

album Peterman in Opiz l.c. nom. nud.

ynigricans Peterman in Opiz l.c. nom. nud.
Bohemia

Panicum miliaceum var. *alefeldi* Koern. *Arch. f. Bionto-
logie* 2: 437. 1908.

Europe

Panicum miliaceum (Group *effusum*) var. *atricolum* Arn.
Bull. Appl. Bot. Fl. Breed. 14: 262, 270. 1924.

"Each of the three principal groups, based on
the shape of the panicle embraces too great a morpho-
logical diversity and has been, therefore, subdivided
into narrower units." F. 1 shows the photographs of
the established types.

"Klenksika & Val. No. 200; Sakk[cel] ardo No. 4.
[in Russian]

U.S.S.R.

Panicum miliaceum var. *atrum* Koern. in Koern. & Wern.
Handb. Getreidebau. 1: 255, 258. 1885.

"Ungarn" Hungary cult.

Panicum miliaceum aureum Alefeld, *Landw. Fl.* 315. 1866.

Europe

Panicum miliaceum var. *badium* Koern. *Syst. Uebers.*

Cereal. 19: 1873, nom. nud.; Koern. in Koern. &
Wern. *Handb. Getreidebau* 1: 254, 257. 1885.

subvar. *elatus* Koern. l.c. 19 nom. seminud.

"Ungarn, Süd-Russland (Gouvernement Jekaterinoslaw)
und Portugal."

cult. Europe

Panicum miliaceum (Group *Compactum*) var. *bolarium* Arn.

Bull. Appl. Bot. Fl. Breed. 14: 263, 270. f. 1. 1924
(see note on *subalbobadium*)

"Klenks. & Val. No. 78; ...Saccardo [or Sakk. in
Russian] No. 20(19)."

U.S.S.R.

Panicum miliaceum (Group *Compactum*) var. *brunneum* Arn.

Bull. Appl. Bot. Fl. Breed. 14: 263, 270. f. 1. 1924.

"Klenks. & Val. No. 79, 84; ...Sacc. or Sakk.
[in Russian] No. 10."

U. S. S. R.

Panicum miliaceum var. *candidum* Koern. in Koern. &
Wern. *Handb. Getreidebau.* 1: 254, 255. 1885.

"Ostindien und Japan." "Portugal"

Panicum miliaceum cinereum Alefeld, *Landw. Fl.* 314. 1866

Europe

Panicum miliaceum var. *coccineum* Koern. *Syst. Uebers.*

Cereal. 19. 1873, nom. nud.; Koern. in Koern. &
Wern. *Handb. Getreidebau.* 1: 258. 1885.

"...in Ungarn und dem südlichen Russland (Gouverne-
ment Jekaterinoslaw) gebaut." Cult.

Panicum miliaceum var. *compactum* Koern. *Syst. Uebers.*

Cereal. 20. 1873, nom. nud.

Europe

Panicum miliaceum ssp. *compactum* var. *alborubiginosum*

Arn. Bull. Appl. Bot. Fl. Breed. 22(2): 277, 296.
1929.

Investigations conducted at Exp. Sta., Lower Volga
Region (Saratov Exp. Sta.) English Summary says
material for descriptions in paper from Russia, Eur.;

Siberia; Manchuria; Turkestan; Afghanistan; Mongolia
U.S.S.R.

Panicum miliaceum ssp. *compactum* var. *alefeldi* (Koern.)

Arn. & Shib. Bull. Appl. Bot. Fl. Breed. 22(2): 275.
1929.

Based on *P. miliaceum* var. *alefeldi* Koern. 1908.

Europe

Panicum miliaceum subsp. *compactum* var. *astrachanicum*

Vav. ex *Arn. & Shib. Bull. Appl. Bot. Fl. Breed.*
22(2): 273, 296. 1929.

[A work of Vavilov's (dated 1922) is cited in
bibliography given by Arn. & Shib. op. cit. p. 293,
but could not locate such a reference in S.P.I.
Botany Cat.]

U.S.S.R.

Panicum miliaceum ssp. *compactum* var. *astrachanicum*

subv. *subastrachanicum* Arn. *Bull. Appl. Bot. Fl.*
Breed. 22(2): 273, 296. 1929.

All forms showing purple panicle are regarded
by the author as subvarieties of variety.

Investigations conducted at Exp. Sta., Lower Volga
Region (Saratov Exp. Sta.) English Summary says
material for descriptions in paper from Russia, Eur.;

Siberia; Manchuria; Turkestan; Afghanistan; Mongolia
U.S.S.R. and elsewhere in Asia

Panicum miliaceum ssp. *compactum* var. *bolarium* Arn.

Bull. Appl. Bot. Fl. Breed. 22(2): 276, 296. 1929.

Investigations conducted at Exp. Sta., Lower Volga
Region (Saratov Exp. Sta.) English Summary says
material for descriptions in paper from Russia, Eur.;

Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.
U.S.S.R.

Panicum miliaceum ssp. *compactum* var. *brunneum* Arn.

Bull. Appl. Bot. Fl. Breed. 22(2): 276, 296. 1929.

Investigations conducted at Exp. Sta., Lower Volga
Region (Saratov Exp. Sta.) English Summary says
material for descriptions in paper from Russia, Eur.;

Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *compactum* var. *brunneum* subv.

subbrunneum Arn. *Bull. Appl. Bot. Fl. Breed.*

22(2): 277, 296. 1929.

All forms showing purple panicle are regarded by the
author as subvarieties of variety.

Investigations conducted at Exp. Sta., Lower Volga
Region (Saratov Exp. Sta.) English Summary says
material for descriptions in paper from Russia, Eur.;

Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *compactum* var. *dacioum* (Koern.)

Arn. & Shib. Bull. Appl. Bot. Fl. Breed. 22(2): 275.
1929.

Based on *P. miliaceum* var. *dacioum* Koern.

Europe

Panicum miliaceum ssp. *compactum* var. *dacioum* subv. sub-

dacioum (Ser.) Arn. & Shib. *Bull. Appl. Bot. Fl.*

Breed. 22(2): 275, 296. 1929.

Sir. given in Russian (p. 275)
Ser. English (p. 296)

[Some work of Sireusov (transliteration of Russian)
(1914) is cited in bibl. of Arn. & Shib. op. cit. 294.
Could not locate such a work in Botany Cat. Dept. Agr.]

Panicum miliaceum ssp. *compactum* var. *densum* (Koern.)

Arn. & Shib. Bull. Appl. Bot. Fl. Breed. 22(2): 274.
1929.

Based on *P. miliaceum* var. *densum* Koern.

Panicum miliaceum ssp. *compactum* var. *densum* subv.

subdensum Sér. ex Arn. & Shib. *Bull. Appl. Bot. Fl.*
Breed. 22(2): 274, 296. 1929.

Cited as Sir. in Russian (p. 274)
Sér. English (p. 296)

All forms showing purple panicle are regarded by the
authors as subvarieties of variety.

[Some work of Sireusov (transliteration of Russian)
(1914) is cited in bibl. of Arn. & Shib. op. cit. 294.
Could not locate such a work in Botany Cat. Dept. Agr.]

U. S. S. R.

Panicum miliaceum ssp. *compactum* var. *metzgeri* (Koern.)

Arn. & Shib. Bull. Appl. Bot. Fl. Breed. 22(2): 277.
1929.

Based on *P. miliaceum* var. *metzgeri* Koern. 1908.

Panicum miliaceum ssp. *compactum* var. *metzgeri* subv.

sub-metzgeri Arn. & Shib. *Bull. Appl. Bot. Fl. Breed.*
22(2): 277, 296. 1929.

All forms showing purple panicle are regarded by the
authors as subvarieties of variety.

Investigations conducted at Exp. Sta., Lower Volga
Region (Saratov Exp. Sta.) English Summary says
material for descriptions in paper from Russia, Eur.;

Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *compactum* var. *rubellum* (Koern.)

Arn. & Shib. Bull. Appl. Bot. Fl. Breed. 22(2): 273.
1929.

Based on *P. miliaceum* var. *rubellum* Koern.

Panicum miliaceum ssp. *compactum* var. *rubellum* subv.

subrubellum Arn. *Bull. Appl. Bot. Fl. Breed.* 22(2):
274, 296. 1929.

All forms showing purple panicle are regarded by the
author as subvarieties of variety.

Investigations conducted at Exp. Sta., Lower Volga
Region (Saratov Exp. Sta.) English Summary says
material for descriptions in paper from Russia, Eur.;

Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum contractum Alefeld, *Landw. Fl.* 314.

1866.

Europe

Panicum miliaceum ssp. *contractum* var. *album* (Al.) Arn.

& Shib. *Bull. Appl. Bot. Fl. Breed.* 22(2): 263. 1929.
[?Alef.]

Panicum miliaceum ssp. *contractum* var. *album* subv.

subalbum Arn. *Bull. Appl. Bot. Fl. Breed.* 22(2):
263, 296. 1929.

Investigations conducted at Exp. Sta., Lower Volga
Region (Saratov Exp. Sta.) English Summary says
material for descriptions in paper from Russia, Eur.;

Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *contractum* var. *atrocaeruleum*

Btl. ex Arn. & Shib. Bull. Appl. Bot. Fl. Breed.

22(2): 268, 296. 1929.

Investigations conducted at Exp. Sta., Lower Volga
Region (Saratov Exp. Sta.) English Summary says
material for descriptions in paper from Russia, Eur.;

Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *contractum* var. *atrocastaneum*subv. *subatrocastaneum* Arn. Bull. Appl. Bot. Fl.

Breed. 22(2): 269, 296. 1929.

All forms showing purple are regarded by the author as subvarieties of variety.

Investigations conducted at Exp. Sta., Lower Volga Region (Saratov Exp. Sta.) English Summary says material for descriptions in paper from Russia, Eur.; Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *contractum* var. *atrum* (Koern.)

Arn. & Shib. Bull. Appl. Bot. Fl. Breed. 22(2): 269.

1929.

Based on *P. miliaceum* var. *atrum* Koern.*Panicum miliaceum* ssp. *contractum* var. *aureum* (Alefeld)

Arn. & Shib. Bull. Appl. Bot. Fl. Breed. 22(2): 265.

1929.

Based on *P. miliaceum* var. *aureum* Alefeld.*Panicum miliaceum* ssp. *contractum* var. *aureum* subv.

subaureum Sér. ex Arn. & Shib. Bull. Appl. Bot. Fl.

Breed. 22(2): 266, 296. 1929.

Cited Sér. in Russian (p. 266)

Sér. " English Summary (p. 296)

All forms showing purple panicle are regarded by the authors as subvarieties of variety.

Investigations conducted at Exp. Sta., Lower Volga Region (Saratov Exp. Sta.) English Summary says material for descriptions in paper from Russia, Eur.; Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *contractum* var. *cremeum* Arn. Bull.

Appl. Bot. Fl. Breed. 22(2): 264, 296. 1929.

Investigations conducted at Exp. Sta., Lower Volga Region (Saratov Exp. Sta.) English Summary says material for descriptions in paper from Russia, Eur.; Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *contractum* var. *cremeum* subv.

suboremeum Arn. Bull. Appl. Bot. Fl. Breed. 22(2):

265, 296. 1929.

All forms showing purple panicle are regarded by the author as subvarieties of variety.

Investigations conducted at Exp. Sta., Lower Volga Region (Saratov Exp. Sta.) English Summary says material for descriptions in paper from Russia, Eur.; Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *contractum* var. *fatyg* Sér. ex

Arn. & Shib. Bull. Appl. Bot. Fl. Breed. 22(2): 271,

296. 1929.

Investigations conducted at Exp. Sta. Lower Volga Region (Saratov Exp. Sta.) Spec. from Russia, Eur.; Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.

[Some work of Sireusov (transliteration of Russian) (1914) is cited in bibl. of Arn. & Shib. op. cit. 294. Could not locate such a work in Botany Cat. Dept. Agr.]

Panicum miliaceum ssp. *contractum* var. *griseum* (Koern.)

Arn. & Shib. Bull. Appl. Bot. Fl. Breed. 22(2): 269.

1929.

Based on *P. miliaceum* var. *griseum* Koern.*Panicum miliaceum* ssp. *contractum* var. *griseum* subv.

subgriseum (Koern.) Arn. & Shib. Bull. Appl. Bot.

Fl. Breed. 22(2): 270, 296. 1929.

Based on *P. miliaceum* var. *subgriseum* Koern.*Panicum miliaceum* ssp. *contractum* var. *griseum* subv.

submyochroum Arn. Bull. Appl. Bot. Fl. Breed. 22(2):

270, 296. 1929.

All forms showing purple panicle are regarded by the author as subvarieties of variety.

Investigations conducted at Exp. Sta., Lower Volga Region (Saratov Exp. Sta.) English Summary says material for descriptions in paper from Russia, Eur.; Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *contractum* var. *leptoderum* Btl.

ex Arn. & Shib. Bull. Appl. Bot. Fl. Breed. 22(2):

263, 296. 1929.

[Some work of Betelii (transliteration of Russian) (1887) is cited on p. 293 of above work (bibl.). Could not locate in Bot. Cat. Dept. Agr.]

Investigations conducted at Exp. Sta., Lower Volga Region (Saratov Exp. Sta.) English Summary says material for descriptions in paper from Russia, Eur.; Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *contractum* var. *leptoderum* subv.

subleptoderum Sbn. ex Arn. & Shib. Bull. Appl. Bot.

Fl. Breed. 22(2): 264, 296. 1929.

(Sbn.) given in Russian part (p. 264)
Sbv. " English summary p. 296.

Investigations conducted at Exp. Sta., Lower Volga Region (Saratov Exp. Sta.) English Summary says material for descriptions in paper from Russia, Eur.; Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *contractum* var. *luteum* (Koern.)

Arn. & Shib. Bull. Appl. Bot. Fl. Breed. 22(2): 266.

1929.

Based on *P. miliaceum* var. *luteum* Koern.*Panicum miliaceum* ssp. *contractum* var. *luteum* subv.

subluteum Sér. ex Arn. & Shib. Bull. Appl. Bot. Fl.

Breed. 22(2): 267. 1929. (Given Sér. in Russian,

but Sér. in English.]

All forms showing purple panicle are regarded by the authors as subvarieties of variety.

Investigations conducted at Exp. Sta., Lower Volga Region (Saratov Exp. Sta.) English Summary says material for descriptions in paper from Russia, Eur.; Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *contractum* var. *ochroleucon* Btl.

ex Arn. & Shib. Bull. Appl. Bot. Fl. Breed. 22(2):

270, 296. 1929. *P. luteum*

[Some work of Betelii (transliteration of Russian) (1887) is cited on p. 293 of above work (bibl.). Could not locate in Bot. Cat. Dept. Agr.]

Investigations conducted at Exp. Sta., Lower Volga Region (Saratov Exp. Sta.) English Summary says material for descriptions in paper from Russia, Eur.; Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *contractum* var. *ochroleucon* subv.

subochroleucon Arn. Bull. Appl. Bot. Fl. Breed.

22(2): 270. 1929.

Investigations conducted at Exp. Sta., Lower Volga Region (Saratov Exp. Sta.) English Summary says material for descriptions in paper from Russia, Eur.; Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *contractum* var. *ravum* Arn. Bull.

Appl. Bot. Fl. Breed. 22(2): 267, 296. 1929.

Investigations conducted at Exp. Sta., Lower Volga Region (Saratov Exp. Sta.) English Summary says material for descriptions in paper from Russia, Eur.; Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *contractum* var. *ravum* subv. sub-

ravum Arn. Bull. Appl. Bot. Fl. Breed. 22(2): 268,

296. 1929.

All forms showing purple panicle are regarded by the author as subvarieties of variety.

Investigations conducted at Exp. Sta., Lower Volga Region (Saratov Exp. Sta.) English Summary says material for descriptions in paper from Russia, Eur.; Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *contractum* var. *sanguineum* (Ale-

feld) Arn. & Shib. Bull. Appl. Bot. Fl. Breed.

22(2): 267. 1929.

Presumably based on *P. miliaceum* *sanguineum* Alefeld*Panicum miliaceum* ssp. *contractum* var. *sanguineum* subv.

subsanguineum (Koern.) Arn. & Shib. Bull. Appl. Bot.

Fl. Breed. 22(2): 267, 296. 1929.

Based on *P. miliaceum* var. *subsanguineum* Koern.*Panicum miliaceum* ssp. *contractum* var. *victoriae* Sér. ex

Arn. & Shib. Bull. Appl. Bot. Fl. Breed. 22(2): 271,

296. 1929.

Sér. cited in Russian part (p. 271)
Sér. " English (p. 296)

[Some work of Sireusov (transliteration of Russian) (1914) is cited in bibl. of Arn. & Shib. op. cit. 294. Could not locate such a work in Bot. Cat. Dept. Agr.]

Panicum miliaceum ssp. *contractum* var. *victoriae* subv.

subvictoriae Arn. Bull. Appl. Bot. Fl. Breed. 22(2);

271. 1929.

Investigations conducted at Exp. Sta., Lower Volga Region (Saratov Exp. Sta.) English Summary says material for descriptions in paper from Russia, Eur.; Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum var. *oremeum* Mayss. Bull. Appl. Bot.

Fl. Breed. 22(2): 173. 1929.

"Province Borchalo (Eastern Georgia)

U.S.S.R., Eur.

Panicum miliaceum var. *densum* Koern. Arch. f.

Biontologie 2: 437. 1908.

Europe

Panicum miliaceum effusum Alefeld, Landw. Fl. 314. 1866.

Europe

Panicum miliaceum ssp. *effusum* var. *albobadium* Arn. Bull.

Appl. Bot. Fl. Breed. 22(2): 262, 295. 1929.

Investigations conducted at Exp. Sta. Lower Volga Region (Saratov Exp. Sta.) English Summary says material for descriptions in paper from Russia, Eur.; Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *effusum* var. *albobadium* subv.

subalbobadium Arn. Bull. Appl. Bot. Fl. Breed.

22(2): 262, 296. 1929.

Investigations conducted at Exp. Sta. Lower Volga Region (Saratov Exp. Sta.) English Summary says material for descriptions in paper from Russia, Eur.; Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *effusum* var. *alboochraceum* Arn.

Bull. Appl. Bot. Fl. Breed. 22(2): 261, 295. 1929.

Spelled *albochraceum* in English part (p. 295)

Investigations conducted at Exp. Sta. Lower Volga Region (Saratov Exp. Sta.) Samples for the study were obtained from Russia, Eur.; Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *effusum* var. *alboochraceum* subv.

subalboochraceum Arn. Bull. Appl. Bot. Fl. Breed.

22(2): 261, 296. 1929.

spelled *albochraceum* in English part (p. 296)

Investigations conducted at Exp. Sta. Lower Volga Region (Saratov Exp. Sta.) Samples for the study were obtained from Russia, Eur.; Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *effusum* var. *atricolum* Arn. Bull.

Appl. Bot. Fl. Breed. 22(2): 260, 295. 1929.

Investigations conducted at Exp. Sta. Lower Volga Region (Saratov Exp. Sta.) In English summary says samples were obtained from Russia, Eur.; Siberia; Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *effusum* var. *atricolum* subv.
sub*atricolum* Arn. Bull. Appl. Bot. Fl. Breed. 22(2):
260, 296. 1929.

All forms showing purple panicle are regarded by the
author as subvarieties of variety.

Investigations conducted at Exp. Sta. Lower Volga
Region (Saratov Exp. Sta.) In English summary says
samples were obtained from Russia, Eur.; Siberia;
Manchuria; Turkestan; Afghanistan; Mongolia.

Alefeld

Panicum miliaceum ssp. *effusum* var. *aureum* (Koern.)
Arn. & Shib. Bull. Appl. Bot. Fl. Breed. 22(2): 256.
1929.

Based on *P. miliaceum* var. *aureum* Alefeld
Koern. credits his var. to Alefeld.

Panicum miliaceum ssp. *effusum* var. *aureum* subv. sub-
aureum (Koern.) Arn. & Shib. Bull. Appl. Bot. Fl.
Breed. 22(2): 257. 1929.

Panicum miliaceum ssp. *effusum* var. *badium* (Koern.)
Arn. & Shib. Bull. Appl. Bot. Fl. Breed. 22(2): 257.
1929.

Based on *P. miliaceum* var. *badium* Koern.

Panicum miliaceum ssp. *effusum* var. *badium* subv. sub-
badium (Koern.) Arn. & Shib. Bull. Appl. Bot. Fl.
Breed. 22(2): 257. 1929.

Based on *P. miliaceum* var. *subbadium* Koern.

Europe

Panicum miliaceum ssp. *effusum* var. *candidum* (Koern.)
Arn. & Shib. Bull. Appl. Bot. Fl. Breed. 22(2): 251.
1929.

Based on *P. miliaceum* var. *candidum* Koern.

Europe

Panicum miliaceum ssp. *effusum* var. *candidum* subv. sub-
candidum (Koern.) Arn. & Shib. Bull. Appl. Bot. Fl.
Breed. 22(2): 252. 1929.

Based on *P. miliaceum* var. *subcandidum* Koern.

Europe

Panicum miliaceum ssp. *effusum* var. *cinereum* (Alefeld)
Arn. & Shib. Bull. Appl. Bot. Fl. Breed. 22(2): 249,
258. 1929.

Presumably based on *P. miliaceum* *cinereum* Alefeld.

Arn. & Shib.: "Investigations conducted at Exp. Sta.
Lower Volga Basin (Saratov Exp. Sta.)" English Sum-
mary says samples were obtained from Russia, Eur.;
Siberia; Manchuria; Turkestan; Afghanistan; Mongolia."

Panicum miliaceum ssp. *effusum* var. *cinereum* subv. sub-
cinereum (Koern.) Arn. & Shib. Bull. Appl. Bot. Fl.
Breed. 22(2): 259. 1929.

Based on *P. miliaceum* var. *subcinereum* Koern.

Europe

Panicum miliaceum ssp. *effusum* var. *coccineum* (Koern.)
Arn. & Shib. Bull. Appl. Bot. Fl. Breed. 22(2): 255.
1929.

Based on *P. miliaceum* var. *coccineum* Koern.

Europe

Panicum miliaceum ssp. *effusum* var. *coccineum* subv.
sub*coccineum* Sér. ex Arn. & Shib. Bull. Appl. Bot.
Fl. Breed. 22(2): 256. 1929.

All forms showing purple panicle are regarded by the
authors as subvarieties of variety.

Investigations conducted at Exp. Sta. Lower Volga
Basin (Saratov Exp. Sta.) In English Summary says
samples were obtained from Russia, Eur.; Siberia;
Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *effusum* var. *flavum* (Koern.) Arn.
& Shib. Bull. Appl. Bot. Fl. Breed. 22(2): 253. 1929.

Based on *P. miliaceum* var. *flavum* Koern.

Europe

Panicum miliaceum ssp. *effusum* var. *flavum* subv. sub-
flavum Sér. ex Arn. & Shib. Bull. Appl. Bot. Fl.
Breed. 22(2): 254, 296. 1929.

All forms showing a purple panicle are regarded by
the authors as subvarieties of variety.

Investigations conducted at Exp. Sta. Lower Volga
Basin (Saratov Exp. Sta.) English Summary says sam-
ples were obtained from Russia, Eur.; Siberia; Man-
churia; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *effusum* var. *fulvastrum* Btl. ex
Arn. & Shib. Bull. Appl. Bot. Fl. Breed. 22(2): 260,
295. 1929.

Investigations conducted at Exp. Sta. Lower Volga
Region (Saratov Exp. Sta.) Samples for the study
were obtained from Russia, Eur.; Siberia; Manchuria;
Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *effusum* var. *fulvastrum* subv.
sub*fulvastrum* Sbm. ex Arn. & Shib. Bull. Appl. Bot.
Fl. Breed. 22(2): 261, 296. 1929.

All forms showing purple panicle are regarded by the
authors as subvarieties of variety.

Investigations conducted at Exp. Sta. Lower Volga
Region (Saratov Exp. Sta.) Samples for the study
were obtained from Russia, Eur.; Siberia; Manchuria;
Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *effusum* var. *laetum* (Koern.)
Arn. & Shib. Bull. Appl. Bot. Fl. Breed. 22(2): 254.
1929.

Based on *P. miliaceum* var. *laetum* Koern.

Panicum miliaceum ssp. *effusum* var. *laetum* subv. sub-
laetum Sér. ex Arn. & Shib. Bull. Appl. Bot. Fl.
Breed. 22(2): 255, 296. 1929.

All forms showing purple panicle are regarded by the
authors as subvarieties of variety.

Investigations conducted at Exp. Sta. Lower Volga
Basin (Saratov Exp. Sta.) English Summary says
samples were obtained from Russia, Eur.; Siberia;
Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *effusum* var. *luteolum* (Koern.)
Arn. & Shib. Bull. Appl. Bot. Fl. Breed. 22(2): 254.
1929.

Based on *P. miliaceum* var. *luteolum* Koern.

Europe

Panicum miliaceum ssp. *effusum* var. *luteolum* subv.
sub*luteolum* (Koern.) Arn. & Shib. Bull. Appl. Bot.
Fl. Breed. 22(2): 254. 1929.

Based on *P. miliaceum* var. *subluteolum* Koern.

Panicum miliaceum ssp. *effusum* var. *murinum* Arn. Bull.
Appl. Bot. Fl. Breed. 22(2): 259, 295. 1929.

Investigations conducted at Exp. Sta. Lower Volga
Region (Saratov Exp. Sta.) English Summary says
samples were obtained from Russia, Eur.; Siberia;
Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *effusum* var. *murinum* subv. sub-
murinum Arn. Bull. Appl. Bot. Fl. Breed. 22(2): 259,
296. 1929.

All forms showing purple panicle are regarded by the
author as subvarieties of variety.

Investigations conducted at Exp. Sta. Lower Volga
Basin (Saratov Exp. Sta.) In English Summary says
samples were obtained from Russia, Eur.; Siberia;
Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *effusum* var. *nigrum* (Al.) Arn.
& Shib. Bull. Appl. Bot. Fl. Breed. 22(2): 257. 1929.

Panicum miliaceum ssp. *effusum* var. *nigrum* subv. sub-
nigrum (Koern.) Arn. & Shib. Bull. Appl. Bot. Fl.
Breed. 22(2): 258. 1929.

Based on *P. miliaceum* var. *subnigrum* Koern.

Europe

Panicum miliaceum ssp. *effusum* var. *ochroum* Arn. Bull.
Appl. Bot. Fl. Breed. 22(2): 252, 295. 1929.

Investigations conducted at Exp. Sta. Lower Volga
Region (Saratov Exp. Sta.) English Summary says
samples were obtained from Russia, Eur.; Siberia;
Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum ssp. *effusum* var. *ochroum* subv. sub-
ochroum Fkr. ex Arn. & Shib. Bull. Appl. Bot. Fl.
Breed. 22(2): 253, 296. 1929.

Investigations conducted at Exp. Sta. Lower Volga
Basin (Saratov Exp. Sta.) English Summary says sam-
ples were obtained from Russia, Eur.; Siberia;
Manchuria; Turkestan; Afghanistan; Mongolia.

Panicum miliaceum [group *contractum*] var. *ferrugineum*
Mayss. Bull. Appl. Bot. Fl. Breed. 22(2): 174. 1929.

Georgia U.S.S.R. Europe

Panicum miliaceum [group *contractum*] var. *flaveolum*
Mayss. Bull. Appl. Bot. Fl. Breed. 22(2): 174. 1929.

Provinze Kakhetia (Eastern Georgia)
U.S.S.R. Europe

Panicum miliaceum var. *flavum* Schur, Enum. Fl.
Transsilv. 721. 1866.

No loc. cited. Transylvania, Rumania.

Panicum miliaceum var. *flavum* Koern. Syst. Uebers.
cereal. 19. 1873, nom. nud.; Koern. & Wern. Handb.
Getreidebau. 1: 254, 255. 1885.

Cult.

Panicum miliaceum [Group *contractum*] var. *georgicum*
Mayss. Bull. Appl. Bot. Fl. Breed. 22(2): 173. 1929.

Eastern Georgia U.S.S.R. Eur.

Panicum miliaceum var. *griseum* Koern. Syst. Uebers.
cereal. 20. 1873, nom. nud.; Koern. & Wern. Handb.
Getreidebau 1: 255, 258. 1885.

Europe

Cult.

Panicum miliaceum *laetum* Koern. in Koern. & Wern.
Handb. Getreidebau 1: 254, 257. 1885.

Europe

cult.

Panicum miliaceum var. *luteolum* Koern. in Koern. &
Wern. Handb. Getreidebau 1: 254, 255. 1885.

Portugal

Panicum miliaceum 8. *luteum* Koern. Syst. Uebers. Cereal.
19. 1873, nom. nud.; Koern. & Wern. Handb. Getreide-
bau. 1: 255, 258. 1885.

Cult.

Bot. Gart. Freuss. Landwirtschaftl. Acad. Poppels-
dorf bei Bonn.

[Prussia] Germany

Panicum miliaceum var. *metzgeri* Koern. Arch. f. Biontologie 2: 437. 1908.

Panicum miliaceum [Group Effusum] var. *nanum* Mayss. Bull. Appl. Bot. Fl. Breed. 22: 176. 1929.

Borchalo Bashkichev district
Georgia U.S.S.R.

Panicum miliaceum var. *nigricante* Druce, Brit. Fl. List Ed. 2. 123. 1928, nom. nud.

Europe

Panicum miliaceum var. *nigrum* Stokes, Bot. Mat. Med. 1: 143. 1812.

"Miliun nigrum Cam. hort. 101." cult.
England

Panicum miliaceum var. *nigrum* Schur, Enum. Fl. Transsilv. 721. 1866.

"Kulturpflanze und verwildert."

Panicum miliaceum var. *nutans* Beck, Fl. Nieder-Osterr. 1: 44. 1890.

No loc. cited

Austria

Panicum miliaceum [Group Contractum] var. *pullum* Mayss. Bull. Appl. Bot. Fl. Breed. 22: 175. 1929.

Georgia U.S.S.R.
Trans-Caucas.-Russia

Panicum miliaceum var. *rubellum* Koern. Arch. f. Biontologie 2: 437. 1908.

Europe

Panicum miliaceum var. *rubidum* Mayss. Bull. Appl. Bot. Fl. Breed. 22: 173. 1929.

"Province Borchalo." Georgia - U.S.S.R.

Panicum miliaceum var. *ruderales* Kitagawa, Bot. Mag. Tokyo 51: 153. f. 3. 1937.

"*Panicum trypheron* (non Schultes) Yabe, Prel. Rep. Fl. Tsing-tau Reg. p. 23 (ut *Panicum triphellon*) (1919)"
"Prov. Chin-ohou: ...prope Chiao-yang... (T. Nakai, M. Honda & M. Kitagawa Aug. 8, 1933--Typus)." cited.

Manchuria

Panicum miliaceum sanguineum Alefeld, Landw. Fl. 315. 1866.

Europe

Panicum miliaceum var. *subaereum* Koern. in Koern. & Wern. Handb. Getreidebau. 1: 254, 257. 1885.

Europe

Panicum miliaceum (Group effusum) var. *subalbobadium* Arn. Bull. Appl. Bot. Fl. Breed. 14: 262, 270. f. 1. 1924.

"Each of the three principal groups, based on the shape of the panicle embraces too great a morphological diversity and has been, therefore, subdivided into narrower units. F. 1 shows the photographs of the established types."

Type
Albus + Badius

"Klenks. & Val. No. 0146 78, ...Saccardo No. 1 20" Sakkardo

In Russian U.S.S.R.

Panicum miliaceum (Group effusum) var. *subalbocochraceum* Arn. Bull. Appl. Bot. Fl. Breed. 14: 262, 270. f. 1. 1924.

"Each of the three principal groups, based on the shape of the panicle embraces too great a morphological diversity and has been, therefore, subdivided into narrower units. F. 1 shows the photographs of the established types."

"Klenks. & Val. No. 146 + 127 (132); Saccardo No. 28 + 29 or Sakkardo No. 28 + 29 In Russian

U.S.S.R.

Panicum miliaceum (Group compactum) var. *subastrachanicum* Arn. Bull. Appl. Bot. Fl. Breed. 14: 263, 270. f. 1. 1924. [See note on subalbobadium]

In the Summary var. *subastrachanicum* is given under Group contractum, which [I suppose] is an error. In the Russian text it is under Group compactum.

"Klenks. & Val. No. 0146; ...Sacc. or Sakk. (in Russian) no. 1"

U.S.S.R.

Panicum miliaceum (Group contractum) var. *subatrocastaneum* Arn. Bull. Appl. Bot. Fl. Breed. 14: 263, 270. f. 1. 1924. [see note on subalbobadium card]

"Klenks. & Val. No. 84, 85; ...Saccardo or Sakkardo [in Russian] No. 10."

U.S.S.R.

Panicum miliaceum var. *subbadium* Koern. in Koern. & Wern. Handb. Getreidebau. 1: 254, 257. 1885.

"Sie wird in Sud-Russland im Gouvernement Jekaterinoslaw gebaut"....

U.S.S.R.

Panicum miliaceum (Group compactum) var. *subbrunneum* Arn. Bull. Appl. Bot. Fl. Breed. 14: 263, 270. f. 1. 1924. (see note on subalbobadium)

"Klenks. & Val. No. 79, 84; ...Sacc. [or Sakk. in Russian] No. 10."

U.S.S.R.

Panicum miliaceum var. *subcandidum* Koern. in Koern. & Wern. Handb. Getreidebau. 1: 254, 255. 1885.

Portugal

Panicum miliaceum var. *subcinereum* Koern. in Koern. & Wern. Handb. Getreidebau. 1: 254, 256. 1885.

Europe

Panicum miliaceum var. *suberecta* Beck, Fl. Nieder-Osterr. 1: 44. 1890.

No loc. cited.

Austria

Panicum miliaceum var. *subgriseum* Koern. in Koern. & Wern. Handb. Getreidebau. 1: 255, 258. 1885.

Ungarn

[Hungary]

Panicum miliaceum var. *subluteolum* Koern. in Koern. & Wern. Handb. Getreidebau. 1: 254, 255. 1885.

Europe

Panicum miliaceum (Group contractum) var. *submyochroum* Arn. Bull. Appl. Bot. Fl. Breed. 14: 263, 270. 1924. [see card on subalbobadium]

"Klenks. & Val. No. 169; ...Sacc. No. 3."

Panicum miliaceum var. *subnigrum* Koern. in Koern. & Wern. Handb. Getreidebau. 1: 254, 256. 1885.

Ungarn

Hungary Europe

Panicum miliaceum (Group compactum) var. *subrubellum* Arn. Bull. Appl. Bot. Fl. Breed. 14: 263, 270. f. 1. 1924. [See card on subalbobadium]

"Klenks. & Val. no. 146; ...Sacc. or Sakk. [in Russian] No. 28."

U.S.S.R.

Panicum miliaceum [Group Effusum] var. *subrubidum* Mayss. Bull. Appl. Bot. Fl. Breed. 22: 173. 1929.

"Province Kakhetia (Eastern Georgia)
U.S.S.R.

Panicum miliaceum var. *subsanguineum* Koern. in Koern. & Wern. Handb. Getreidebau. 1: 255, 258. 1885.

"kultiviert im südlichen Russland"....

Europe

Panicum miliaceum (Group contractum) var. *subvictoriae* Arn. Bull. Appl. Bot. Fl. Breed. 14: 262, 270. f. 1. 1924. [see card subalbobadium]

Klenks. & Val. No. 146 + 127, (132); Saccardo or Sakkardo [in Russian] No. 28-29.

U.S.S.R.

Panicum miliaceum (Group Contractum) var. *viride* Mayss. Bull. Appl. Bot. Fl. Breed. 22: 174. 1929.

Province Borchalo. Georgia
U.S.S.R.

Panicum miliare Lam. Tabl. Encycl. 1: 173. 1791.

"Ex India. Sonnerat."

= antidotale Betz. obs. fasc. 4. p. 17. Lam. Tab. Encycl. Meth. Bot. 3: 740. (1797) see Bor, Fedde Repert 63: 329. 1960.

India

Panicum miliare Chevalier, Sudania 159. 1920.

"Not of L.", mistake for Lam.

[Stapf in Prain, Fl. Trop. Afr. 719. 1920, as syn. of *P. longijubatum* (Stapf) Stapf]

Sudania list of names only, nom. nud.-letter from Stapf.

Panicum miliare var. *hirtum* Hook.f. Fl. Brit. Ind. 7: 46. 1896.

"P. hirtum Wall. mss. in Herb. Linn. Soc. Panicum, Wall. List. n. 8718 (in part).--Burma Wallich.--"

India

Panicum miliare var. *simplex* (Rottl.) Nees, Fl. Afr. Austr. 1: 40. 1841.

Based on "*Panicum simplex* Rottl."

Ind. or.

Panicum miliiforme Presl, Rel. Haenk. 1: 300. 1830.

"Hab. in Luzon"

Philippines

= *Brachiaria miliiformis* (Presl) Chase

Panicum milioides Nees ex Trin. Gram. Pan. 225. 1826.
Not Nees ipse, 1829.

"N. ab Es. in Mart. Fl. Bras. ined."

"V. sp Brasil, (N. ab Esenb)."

Panicum milioides Nees, Agrost. Bras. 175. 1829.
Not Nees ex Trin. 1826.

"-----Joazeiro et versus urbem Oeiras prov. Bahiensis
et Piauiensis;---"

see T. Piauihy

Panicum milioides Nees f. *angustifolia* Hack. Ann. Cons.
Jard. Genève 17: 285. 1914. no description

"Stuckert n. 22495 ex Lillo n. 12288 (XII 1912).

Tuouman, Monteagudo, á 380 m. alt.)"

Panicum milioides var. *macrostachyum* Nees ex Doell in
Mart. Fl. Bras. 2(2): 241. 1877, as syn. of *P.*
spathellosum Doell.

Brazil

Panicum milium Pers. Syn. Fl. 1: 83. 1805.

Based on *P. miliaceum* L., description of which is
copied but slightly added to

India

= *P. miliaceum* L. Man. U. S.

Panicum milleflorum Hitchc. & Chase, Contr. U. S. Nat.
Herb. 17: 494. f. 70. 1915.

"Type in the U. S. National Herbarium, no. 693327,
collected in water of swamp, Frijoles Canal Zone,
Panama, October 12, 1911, by A. S. Hitchcock
(no. 8387)."

Panicum Millegrana Poir. in Lam. Encycl. Suppl. 4: 278.
1816.

"Cette plante croît dans l'Amérique méridionale
(V. S. in herb. Desfont.)"

South America

= *P. rugulosum* Trin.
H. & C.

Panicum Minarum (Nees) Steud. Nom. Bot. ed. 2. 2: 259.
1841.

Based on "*Oplismenus minarum* Nees"

= *Ichnanthus minarum* (Nees) Doell

Villa Rica, Minarum, Brazil

Panicum mindanaense Merr. Philippine Journ. Sci. Bot.
1 (Suppl.): 360. Dec. 1906.

99 Clemens

Mindanao, Lake Lanao, Camp Keithley Philippines

Panicum mindanaense var. *pilosum* Reeder, Journ. Arn.
Arb. 29: 270. 1948.

Netherlands New Guinea: Waren, Kanehira & Hatusima
13093, Arnold Arboretum Type, March 26, 1940 (in
open dry rocky grass field).

Panicum minimum Kuntze, Rev. Gen. Fl. 37: 363. 1898,
without description.

"Paspalum min. Nees & Meyen", nom. nud.

"Bolivia: Tunari 3000 m." [cited by Kuntze]

Meyen's "Titicaca. Peru" cited

Panicum minimum (Engelm.) Scribn. & Merr. U. S. Dept.
Agr. Div. Agrost. Circ. 27: 4. 1900.

Based on *P. capillare* var. *minimum* Engelm. ex Gattin-
ger.

= *P. philadelphicum* Bernh. Man. U. S.

Tenn. [Gattinger]

Panicum minus Nash, Bull. Torrey Club 22: 421. 1895.

Based on *P. capillare* var. *minus* Muhl.

= *P. philadelphicum* Man. U. S.

"varietas minor occurrit ubique in cultis" Muhl.

magis aridis. Probably Pa. to Va.

Panicum minus Stapf in Thiseit.-Dyer, Fl. Cap. 7: 410.
1899. Not Nash, 1895.

Coast Region: Uitenhage Div.; without precise localit;
Eklon & Zeyher, 478! Stutterheim Div.; by the Kabousie
River near Komga, Flanagan 949!

Central Region: Richmond Div.; Winter Veld, Limon

Pontein and Great Tafelberg, ...Drège!

Western Region: Little Namaqualand; near Verlaap-
praam, by the Orange River, Drège!

Kalahari Region = Orange Free State; near the Caledon
River, Burke 424!"

Panicum minus var. *planifolium* Stapf in Thiseit.-Dyer,
Fl. Cap. 7: 411. 1899.

Based on "*P. coloratum* var. γ , in part, Nees, Fl. Afr.
Austr. 38."

Key fl. (Drège) S. Africa

Panicum minutiflorum (Beauv.) Raspail, Ann. Sci. Nat.
I. 5: 299. 1825.

Based on "*Malinis* [minutiflora] Palis."

= " " " Beauv.

Rio-Janeiro (Jussieu)

Panicum minutiflorum A. Rich. in Sagra, Hist. Cuba
11: 305. 1850. Not Raspail 1825.

"Crescit in pratis et locis herbosis insulae Cubae"
[Sagra, Coll.]

W. I.

= *Panicum exiguilorum* Griseb.
Man. Grasses W. I.

Panicum minutiflorum Hochst. in A. Rich. Tent. Fl.
Abyss. 2: 362. 1851. Not Raspail, 1825.

"Hochst. in pl. Schimp. Abyss., sect. II, no. 799.
... et in rivo semisiccato prope Tchélatéheranne...
(Schimper)."

Africa

= *Digitaria minuta* (Hochst) Stapf

Panicum minutiflorum Fig. & De Not. Mem. Accad. Torino
II. 14: 350. 1854. Not Raspail, 1825.
(Separate 1853)

"Ad amnem caeruleum in Nubia superiore."

Africa (Not in Stapf)

Panicum minutiflorum Doell in Mart. Fl. Bras. 24: 253.
1877. Not Raspail, 1825.

"Habitat in regione Amazonica prope Santarem (Spruce
n. 720?), ad Ilha grande de Santarem (Spruce 347, 436
et 1061) 'Panicum n. 18 et 26' "

Basis of *P. hylaeicum* Mez 1917 and of *P. doelli* Mez
1921.

Brazil

Panicum minutulum Gaudich. in Freyc. Voy. Uran. Bot.
410. 1830.

"In insulis Mariannis." [Gaudichaud ?]

Pacific Ocean

Panicum minutulum Desv. Opusc. 87. 1831. Not Gaudich.
1830.

"Habitat in Carolina"

= *P. wrightianum* Scribn. Man. U. S.

Panicum minutum R. Br. Prodr. Fl. Nov. Holl. 191. 1810.

"Littora Novae Hollandiae intra tropicum."

Collected on Cook's journey by Banks.

Australia

Panicum mirabile (A. Br. Del. Sem. Hort. Carlsruh. 1846)
Cf. Walp. Ann. Bot. 1: 924. 1848-49.

No loc. given. Below is entire information as given
in Walp. Ann.:

"5. *P. mirabile* A. Braun, Delectus sem. in hort. bot.
Carlsruhensi collect. 1846.--Affine *P. stagnino* Au-
torum (*Echinochloa commutata* R. & S.), a quo differt
spiculis plerisque trifloris (!), fl. infimo neutro,
duobus superioribus hermaphroditis.--*Oryza rubra* Hort.
Fillnitzii.--Crescit....?"

Panicum mirabile Mez, Bot. Jahrb. Engler 56(Beibl. 125):
2. 1921. Not A. Br. 1846 nor Walp. 1848-49.

"Brasilien (Tamberlik)."

Panicum mirandum Lucas, Journ. Washington Acad. Sci.
32: 163. f. 8. 1942.

"The type is in the U. S. National Herbarium, no.
602176, and a fragment of it in the Herbario Nacional
de Venezuela, Ministerio de Agricultura y Cria, col-
lected in Guinand Estate (Cárdenas) Siquire Valley;
altitude 500 to 1000 m., State of Miranda, Venezuela,
March 19-24, 1913, by H. Pittier, no. 6483."

"appears to be in group with *P. ovuliferum* Trin. and
P. pantrichum Hack."

Panicum miserum Mez, Notizbl. Bot. Gart. Berlin 7: 77.
1917.

"Insula Borbonia (Nérsud)."

Reunion Isl.

Panicum missionum Ekman, Ark. för Bot. 11: 19. 1912.

"Bonpland, ad rivulum prope praedium 'Almacén
finlandesa' 26. 12. 07, n. 632. [Ekman]."

Misiones, Argentina

Panicum missionum Mez, Notizbl. Bot. Gart. Berlin
7: 74. 1917. Not Ekman, 1912.

"Argentina, Misiones prope San Pedro (Niederlein
n. 2062)...."

Panicum Mississippiense Ashe, Journ. Elisha Mitchell
Soc. 16: 91. 1900.

"Collected by me on the banks of the Mississippi
river below New Orleans in October." Ashe

= *P. sphaerocarpon* var. *inflatum* (S. & S.) Hitchc.
Man. U. S.

Panicum Mitchellii Benth. Fl. Austral. 7: 489. 1878.

"Queensland....N. S. Wales."

"Bogan River, N. S. Wales, Mitchell."

Australia

Panicum mite Steud. Syn. Fl. Glum. 1: 68. 1854.

"Nubia"

= *P. schimperianum* Hochst.

Africa

Panicum mitophyllum Pilger, Bot. Jahrb. Engler 33: 50. 1902.

"Gabun: Sibange Parm; in der Niedergrassteppe (Soyaux n. 345)---"

P. congoense Franch - fide Stapf

French Congo--Africa

Panicum mitopus Schum. in Engl. Pflanzenw. Ost.-Afr. 5^o: 103. 1895.

"Usagara-Usambara.--(Holst n. 514 b)."

Africa

Panicum mixtum Mez, Bot. Jahrb. Engler 34: 147. 1904.

"Kamerun (Buchholtz, Dinklage n. 605). Gabun: Mungo (Soyaux n. 429)."

= *P. griffonii* Franch fide Stapf

Afr. trop.

Panicum moharicum (Koern. & Wern.) Krause, Beih. Bot. Centralbl. 29: 142. 1912.

Based on *Panicum italicum moharicum* Körn. & Wern. *Setaria*

Panicum mokaense Mez, Bot. Jahrb. Engler 57: 189. 1921.

"Fernando-Po (Mildbraed n. 7086)"

Africa

Panicum molinioides Trin. Gram. Pan. 238. 1826.

"V. spp. Brasil. (Langsdorff.)"

Panicum molinioides var. *lasiocoleum* Haek ex Bertoni, Anal. Cient. Paraguay II. No. 2. 150. 1918, without descr.

"N. 3542--riparia y subforestal Amnicola; Par., Arg"[Bertoni, Coll.]

"Par. = litoral paraguayano"

"Arg. = litoral del Territorio de Misiones"

Panicum molle Swartz, Prodr. Veg. Ind. Occ. 22. 1788.

"India occidentalis"

West Indies

Panicum molle Michx. Fl. Bor. Amer. 1: 47. 1803.

Not Swartz, 1788.

"Hab. in cespitosis Floridae." [Michaux Coll.]

= *Eriochloa michauxii* (Poir.) Hitchc.

Man. U. S.

Panicum molliscomum (Kunth, Enum. Fl. 1: 108. 1833)

Kunth, Rév. Gram. 1: Suppl. IX. 1830.

"*Panicum lanuginosum* Presl."

= *P. stigmatum* Trin.

Peru

Panicum molliscomum Swallen, Bot. Mus. Leaflets

16: 57. 1953.

Colombia: Comisaria del Caquetá, Cerro dell Castillo, Rio Apaporis. Damp sandstone ledge with mosses and Selaginellas. January 16, 1942, Gabriel Gutierrez & Richard Evans Schultes 616 (Type in U. S. Nat. Herb.)

Panicum mollifolium Link, Hort. Berol. 2: 215. 1833.

[Cape Good Hope] "Hab. in Fromont. b. sp. e semini-bus enata."

Africa

Panicum mollissimum (Schrader) Kunth, Rev. Gram. 1: 33. 1829.

Based on "*Digitaria mollissima* Schrader, Link."

= *Digitaria*

Panicum molokaiense Degener & Whitney, in Degener, Fl. Hawaii. Family 47 (*Panicum*) fig. Oct. 25, 1936.

"In tufts on arid, barren slope. South of Kaulahuki, Molokai, T. H." "Degener No. 10865, April 11, 1928."

Hawaii Isls.

Panicum Monachne Trin. in Spreng. Neue Entd. 2: 86. 1821

"Hab. in Insula Borbonia."

= *Tricholaena monachne*

Panicum monachnoides Desv. Opusc. 86. 1831.

"Habitat in Brasillio" [locality erroneous acc. to H. & C.]

= *Panicum gymnocarpon* Ell. Man. U. S.

Panicum moninense (Rendle) Schum. in Just's Bot.

Jahresb. 27: 457. 1901.

Based on "*Digitaria moninense* Rendle."

= "brazzae (Franch) Stapf

Monino, 2676 Welwitsch Africa

Panicum monobotrys Trin. ex Steud. Nom. Bot. ed. 2.

2: 260. 1841, nom. nud.; Syn. Fl. Glum. 1: 55. 1854.

Cites "*P. monostachyum* Salzm. Hrbr. Bahia"

"Bahia"

A.S.H. 2: 22. His Eur. Notes in case with his fieldbooks. Brazil. South America

Panicum monodactylum Nees, Fl. Afr. Austr. 21. 1841.

"In collibus graminosis Aiovensibus inter flumina Sonntagsrivier et Bosjesmanrivier, alt. III (Uitenhage)."

= *Digitaria monodactyla* (Nees) Rendle

Africa

Panicum monostachyum H.B.K. Nov. Gen. & Sp. 1: 96. 1815.

"Crescit in sylvis Orinocensibus, juxta San Fernando de Atabapo, rupem Aricagua et Rangel de Atures. [S. Venez.]

= *Paspalum pilosum* Lam.

A.C. Rev. Pasp.

A.S.H. 1: 9,52; fieldbook 2: 24.

Panicum monostachyum Salzm. ex Steud. Nom. Bot. ed. 2.

2: 260. 1841, nom. nud. Not H.B.K.

P. monobotrys Trin. in Steud. based on this.

"*monostachyum* Salzm. (non H.B.)

[note by A.C.]

= *Pasp. pilosum* Lam.

Panicum monostachyum var. *minus* Kunth ex Doell in

Mart. Fl. Bras. 2^o: 182. 1877.

"Kunth, Revis. Gram. tab. 104." left hand figure A.C.

= *Paspalum pilosum* Lam.

A.C. Rev. Pasp.

Panicum monostachyum var. *robustius* Doell, in Mart.

Fl. Bras. 2^o: 182. 1877.

Brazil. A no. of spec. cited.

Paspalum

Panicum montanum Roxb. Hort. Beng. 82. 1814, nom. nud.; Fl. Ind. ed. Carey 1: 315. 1820.

"A native of the Circar mountains."

India

Panicum montanum Gaudich. in Frey. Voy. Uran. Bot.

411. 1830. Not Roxb. 1820.

= *nubigenum*

"In insulis Sandwichensibus." [Gaudichaud]

Basis of *P. nubigenum* Kunth

Hawaii Isl.

Panicum montanum Poit. ex Fourn. Mex. Fl. 1: 30. 1886.

Not Roxb. 1820. as syn. of *P. pallens* Swartz

Panicum montanum (Griseb.) Jacks. ex Lillo, Fl. Prov.

Tucuman 27. 1916. Not Roxb. 1820.

Based on *Hymenachne montana* Griseb.

= " " " "

Prov. Corioba & Santiago del Estero, S. Achala Argentina [Hieronymus]

Panicum montanum var. *Merrillii* Haek. in Kneuck. Allg.

Bot. Zeitschr. 20: 164. 1914.

[Nr. 82] Kneuck. Gram. Exs.]

Bosoboso, Prov. Rizal auf Luzon (Philippinen)... E. Fénix u M. Ramos in Okt. 1909.

T

Panicum montanum var. *pubescens* (Boerl.) P. Jansen,

Reinwardtia 2: 316. 1953.

(*P. cordatum* var. *pubescens* Boerl., Ann. Jard. bot. Buitenz. 8: 59. 1890)

Java, Buitenzorg (=Bogor), Boerlage s.n.; Celebes, Bunnemeijer 10705.

Panicum montevidense Spreng ex Doell in Mart. Fl. Bras.

2^o: 260. 1877.

"*Panicum Montevidense* Sprengel in ipsius herbario."

"*Thalassium Montevidense* Sprengel---" as syn. sub *Panicum reptans* Kunth (not L.) which is *Urvilleana* group of *Panicum*.ⁱⁿ

Panicum monticola Hillebr. Fl. Hawaiian Isl. 500. 1888.

Not *P. monticolum* Hook.f. 1864.

"In the swamps on the summit of Mt. Eeka, Maui."

= *Hillebrandianum* Hitchc.

Hawaiian Isl.

Panicum monticolum Hook.f. Journ. Linn. Soc. Bot.

7: 226. 1864.

"Hab. Cameroons Mountains." Collected by Gustav Marm.

Africa

Panicum Moritzii Mez, Notizbl. Bot. Gart. Berlin

7: 63. 1917.

"Venezuela, prope Merida (Moritz n. 1529)."

T = *molle* Sw.

Panicum morombense A. Camus, Not. Syst. 15: 412. 1959.

Madagascar: Sud-Ouest: Morombe, sables, Decary 8765.

"Differe du *P. luridum* par sa panicule plus grande, de forme irreguliere, a rameaux tres espaces, les pedicelles plus longs, les epilletes tres obtus au sommet, longs de 1.5-1.7mm. [culm leaves numerous, large, sub-rigid, not ciliate at base]."

- Panicum mosambicense* Hack. Bol. Soc. Broteriana
6: 140. 1888.
"Prope Mozambique" [Pl. in Zambezia a ol. M. Rodrigues de Carvalho anno 1886 lectae]
Africa T
- Panicum movaiense* Steud. Syn. Fl. Glum. 1: 78. 1854.
"P. concinnum Eigew....non Nees" cited.
"Prope Movai, Bandae Ind. or." [no collector]
India
- Panicum mucronatum* Roth in Roem. & Schult. Syst. Veg.
2: 425. 1817; Roth, Nov. Plant. Sp. Ind. Orient.
45. 1821.
"Roth Nov. Plant Spec. Mss"...."In India orientali.
Benj. Heyne."
= *Paspalidium mucronatum* (Roth) Ohwi
India orientali
- Panicum mucronatum* Heyne ex Wall. List n. 8717. 1849,
nom. nud. Not Roth 1817.
- Panicum mucronulatum* Mez, Bot. Jahrb. Engler 56(Beibl.
125): 2. 1921.
"Brasilien, Bahia (Blanchet n. 104, Gardner n. 208)."
T
- Panicum mucense* Vanderyst, Bull. Agr. Congo Belge
10: 248. 1919.
"région du Kwango: Mue, juin 1915."
Congo, Africa
- Panicum muelleri* (Hughes) Lazar. Australian Journ. Bot.
7: 335. f. 3. 1959.
Based on *Ichnanthus muelleri* Hughes 1923.
Western Australia, near King Sound, Mueller
(K.? not seen).
"Eragrostis eriopoda S. T. Blake 11937."
- Panicum mühlenbergianum* Schult. Mant. 2: 230. 1824.
"Based on *Panicum* no. 27 of Mühlenberg's Descriptio
Graminum, the description of which is copied. Mühlen-
berg gives 'Habitat in Georgia.'
Unidentified Names, Manual U. S.
No plant of Schultes' found--A.S.H.
No. 27 Muhl. not identifiable from descr.; no speci-
men in herb.--A.C.
Probably *P. barbulatum* Michx. fide A.S.H.
- Panicum mühlenbergii* Sprang. Syst. Veg. 1: 314. 1825.
Muhl. Gram. 125 (as *P. acuminatum* Swartz) 1817....no
specimen in Mühlenberg Herb.
Sprengel's plant = *P. depauperatum* Muhl.
"Amer. bor." [Type, New Jersey, Torrey] as given in
Manual.
= *P. depauperatum* Muhl. Man. U. S.
- Panicum multibrachiatum* Hochst. ex Steud. Syn. Fl. Glum.
1: 74. 1854.
"(Hrbr. Ind. or. a Hohenack. edit. nr. 916.)"
T
"In montibus Nilagiri." India
- Panicum multioculmum* Anderss. Svensk. Vet. Akad. Handl.
133. 1855.
"insulae Charles (Ipse)." T
Galapagos
- Panicum multiflorum* Ell. Bot. S.C. & Ga. 1: 122. 1816.
Not Poir. 1816.
No locality cited. Charleston, S. C., presumably
= *P. polyanthes* Schult. Man. U. S.
- Panicum multiflorum* Poir. in Lam. Encycl. Suppl. 4: 282.
1816.
"Carolina;....comm. par M. Bosc."
= *P. dichotomiflorum* Michx. Man. U. S.
- Panicum multifolium* Peter, Abh. Ges. Wiss. Göttingen
Math. Phys. Kl. N. P. 136: 44. 110. 1928, in
German.
See also: Peter, Report. Sp. Nov. Fedde, Beih. 40:
170, 176 & Anhang, 29. pl. 9. f. 2. 1930. Deutsch
Ost Afr.: Udigo: Reissumpf Amboni → Muoa...Peter
23915--Tanga: in einem Sumpf Tanga → Tangata...
(Peter 14509) these two given as "Specimina
authentica."
"Udigo. Tanga" Africa
- Panicum multinerve* Desv. ex Poir. in Lam. Encycl.
Suppl. 4: 279. 1816.
"Cette plante croît aux Antilles. (V.S. in herb.
Desv.)"
T
Isachne disperma (Lam.) Doell
- Panicum multinode* Lam. Encycl. 4: 747. 1798: ?
"Commerson a trouvé ce panic a l'Isle-de-France"
[Mauritius]
Africa
- Panicum multinode* Presl, Rel. Haenk. 1: 303. 1830.
Not Lam. 1798: ?
Stapf transfers *P. multinode* Presl to *Hemigymnia*
multinodia and gives *P. nodosum* Kunth as syn.
Panicum nodosum Kunth based on *P. multinode* Presl.
"Hab. ad Sorzogon Luzoniae. Philippines."
- Panicum multirameum* Scribn. U. S. Dept. Agr. Div.
Agrost. Circ. 19: 2. 1900.
"Gravelly hills near Jalapa, State of Vera Cruz,
altitude 1,250 m. (4000 feet). C. G. Pringle 7882."
Mexico
- Panicum multisetum* Hochst. ex A. Rich. Tent. Fl. Abyss.
2: 377. 1851, as syn. of *Oplismenus multisetus* A.
Rich.; (A. Rich.) Steud. Syn. Fl. Glum. 46. 1854.
Based on *Oplismenus multisetus* A. Rich.
" " " "
"fluvii Tacazzé prope Tchélatchéranne (Schimper no.
1469)."
T Abyssinia. Africa T
- Panicum mundum* Fernald, Rhodora 38: 392. pl. 443.
f. 1-5. 1936.
"Sussex and Princess Anne Counties, Virginia:
(Sussex Co.) peaty clearing at border of Cypress
(Taxodium) swamp, 4 mi., n.w. of Homeville....Aug.
25, 1936, Fernald & Long no. 6499 (Type in Gray Herb.
isotypes in Herbar. Phil. Acad. Univ. Richmond and
elsewhere)." Man. U. S. T
- Panicum munitum* Trin. ex Steud. Nom. Bot. ed. 2.
2: 260. 1841.
"Trin. mpt. Mexico."
T [Schiede 674]
= *P. longum* H. & C.
H. & C.
- Panicum munroanum* Balansa, Journ. de Bot. 4: 140. 1890.
"Thwaites,.....a Ceylon (no. 3244)."
T
P. crassispiculatum Merr. = this
- Panicum Munroi* F. Muell. Fragm. Phyt. Austr. 5: 204.
1866.
"In plagis collino-eremalis ad flumen Darling's
River, Dr. Beckler; e. g. ad Yoyinga Mountains."
Australia
- Panicum muricatum* Retz. Obz. Bot. 4: 18. 1786.
"Misit Cel. König." [India]
- Panicum muricatum* Michx. Fl. Bor. Amer. 1: 47. 1803.
Not Retz. 1786.
"Hab. in Canada ad ripas lacus Champlain [type in
Manual] et ad lacum Ontario."
Canada
= *Echinochloa crusgalli* Man. U. S.
- Panicum musaeifolium* Klotzsch ex Schlecht. Linnaea
31: 417. 1861-62. [1862]
"von Dr. Karsten in Columbien gesammelt."
= *Setaria*
- Panicum muscarium* Trin. Gram. Icon. 2: pl. 235. 1829.
"Figura ad specimen e Sierra Leone."
= *P. afzelii* Sw. in Stapf Fl. Trop. Afr. 695.
- Panicum muscicolum* A. Camus, Bull. Soc. Bot. France
94: 40. 1947.
"Madagascar: Domaine central, Nord: Forêt a mousses
de la Montagne d'Ambre, vers 1200 m. d'alt. (Ferrier
de la Bâthie, no. 19300)."
Compared with *P. calcicolum* A. Camus
- Panicum musciparum* L. Herb. ex Munro, Journ. Linn. Soc.
Bot. 6: 39. 1862, as syn. of *P. miliare* Lam.
- Panicum Musei* Steud. Syn. Fl. Glum. 1: 58. 1854.
"Ex hrbo. Musei Par. Guiana" T
[no. 16 = *Echinochloa colonum* (L.) Link]
- Panicum mutabile* Scribn. & Smith ex Nash in Small, Fl.
Southeast. U. S. 103. 1903.
[p. 1327] "Type Biloxi, Miss., Tracy no. 3074, 1896
in Herb. Nash"
Man. U. S.
- Panicum muticum* Forsk. Fl. Aegypt. Arab. 20. 1775.
"Rosettae"
Basis of *Brachiaris mutica* (Forsk.) Stapf
Egypt
- Panicum muticum* Moon, Cat. 7. 1824, nom. semi-nud.
Latin and English name, Singalese name and character
situation and soil, cited.
"beardless" given as English name
"Spikes simple" only description
Colombo. Ceylon

Panicum muticum Link ex Jacks. Ind. Kew. 2: 416. 1894,
as syn. of *P. numidicum*

Link, Hort. Berol 1: 206. 1827 is "*Panicum muticum*
Porsk."-----"*P. leiogonum* Delil. Sieber Herb. Hab. in
Aegypto. "
P. leiogonum Delil. referred to *P. repens* L. in Stapf
Fl. Afr. 9: 709. 1920.

Panicum Myosotis (Nees) Steud. Syn. Fl. Glum. 1: 96.
1854.

Based on *Isachne Myosotis* Nees.

" " " "
Ins. Philippines (Cuming n. 947) T

Panicum myosuroides R. Br. Prodr. Fl. Nov. Holl. 189.
1810.

"T" = *Littora novae Hollandiae intra tropicum*."

Collected on Cook's Journey by Banks.

Basis of *Sacciolepis myosuroides* (R. Br.) Hughes
Australia

Panicum myosuroides var. *sudanensis* Stapf ex Cheval.

Sudan 87, 88, 102; Miss. Chari-Lao Tohad, Etud. Fl.
Afr. Centr. Franç. 1: 363 (name only).

[nom. nud. in Sudan]

In Stapf, Fl. Trop. Afr. 9: 754. 1920, as syn. of
Sacciolepis nana Stapf

Panicum Myosurus L. Rich. Act. Soc. Hist. Nat. (Paris)
1: 106. 1792.

No specimen cited, but name published with brief
diagnosis in "Catalogus plantarum ** e *Cavenna*
missarum a Domino LeBlond."

type in herb. Mus. Paris; photo in Nat. herb. [A.S.H.
1: 55--Bur. Notes. with his field books]

= *Sacciolepis myurus* (Lam.) Chase
French Guiana

Panicum myrianthum Buse in Miquel, Fl. Jungh. 374. 1854.

"Habitat insulam Javae. Zoll. no. 338 in herb.
Acad. Lugd. Bat."

Java

Panicum myrianthum Mez, Bot. Jahrb. Engler 56(Beibl.
125): 3. 1921. Not Buse 1854.

"Guyana (Hostmann n. 434, Hostmann et Kappler
n. 253)."

= *P. grande* H. & C.

Panicum myriostachyum Hack. Oesterr. Bot. Zeitschr.
51: 294. 1901.

"Brasilia in campis Mayde satis prope Tuberão, pro-
vinciae St. Catharinae, 1889, leg. Ule s. nr. 1342."
[only specimen with this name in Hackel Herb. is
Ule 1343; this no. cited by Henrard]

Basis of *Digitaria myriostachya* (Hack.) Henr.

Panicum Myuros Lam. Tabl. Encycl. 1: 172. 1791.

printed "myruos" but corrected in Encycl. 4: 748.

"ex America merid. Comm. à D. Richard."

type in Lamarck herb. Paris.
photo and spikelet in Nat. Herb.

= *Sacciolepis myuros* (Lam.) Chase

Panicum Myuros Kunth, Enum. Fl. 1: 86. in Ind. Kew.
2: 416. 1894.

Not published by Kunth. He credits the name to Lam.
(spelled "myurus")

Panicum myurum G. Meyer, Prim. Fl. Esseq. 50. 1818.

"*Panicum myuros* Lam." cited, but "*Agrostis monosta-*
chya Poir. Encycl. meth. Suppl. 1: 256",
"*Panicum amplexicaule* Rudge. Plant. rar. Guj. 1, p. 21"
and "*Icon. Beauv. Agrost. t. 10. f. 8*," cited, show
that Meyer's species is *Hymenachne amplexicaulis*
(Rudge) Nees, Not *Panicum myuros* Lam. which =
Sacciolepis myuros (Lam.) Chase

Panicum Myurum Wight ex Steud. Syn. Fl. Glum. 1: 55.

1854, as syn. of "*P. canaliculatum* Nees (in litt. et
Wight hrbr.)"

"*P. myurum* Wight. hrbr. Aira interrupta Rottl. Klein.
Hrbr." ✓ Ind. Or.

Panicum myurus Meyer ex Presl, Rel. Haenk. 1: 313. 1830.

"*P. myurus* Meyer. Fl. essequib. p. 50. Schult. mant.
2: 251." cited, *Panicum myuros* Lam. not mentioned.
"*Agrostis monostachya* Poir." and "*Hymenachne myurus*
Beauv." cited refer to *Hymenachne amplexicaulis*
(Rudge) Nees; *Icones Beauv. Agrost. t. 10. f. 8*,
figures *Hymenachne amplexicaulis*.

See Chase, Proc. Biol. Soc. Wash. 21: 1-5. 1908 on
confusion of names of *Hymenachne* and *Sacciolepis*.

Panicum najadum Hack. & Arech. Anal. Mus. Nac. Monte-
video 1: 125. pl. 8. pl. 7^{bis}, 8. 1894.

"La recoği en la Estancia de la Sra. Dña. Elvira
Gallego de Rodriguez, arroyo de Pavon, y laguna de
Moran. Marzo 1887." [Arechavaleta]
Coll.

Uruguay

= *Oplismenus najada* (Hack. & Arech.) Parodi

Panicum Nakaharai Hayata ex Honda, Journ. Pac. Sci.

Univ. Tokyo Sect. III. Bot. 3: 251. 1930, as syn.

of *Panicum submontanum* Hayata

Panicum nakaiianum Honda, Bot. Mag. Tokyo 37: 22. 1923.

"*Panicum excurrens*, (non Trinius) Nakai in T. B. M.
XXV. (1911) p. 223" cited.

"Hab. Bonin: (B. Kawate, anno 1910; S. Nishimura,
anno 1912); Suzuki (S. Nishimura, no. 71, anno 1912)!"

Bonin Isls.

Panicum nanum Nees in Steud. Syn. Fl. Glum. 1: 62.

1854.

"Nees (mpt.)"

"Royle hrbr. nr. 45. Nepal."

Panicum nashianum Scribn. U. S. Dept. Agr. Div. Agrost.

Bull. 7: 79. f. 61. 1897.

"466 Nash (1894) Eustis, Lake Co., Fla."

= *P. lancearium* Trin. Man. U. S.

Panicum nashianum var. *patulum* Scribn. & Merr. U. S.

Dept. Agr. Div. Agrost. Circ. 27: 9. 1900.

trinomial

"Type specimen: 1296 Robert Combs, Bradenton
[Bradenton], Manatee County, Fla., September 3, 1898."

Man. U. S.

Panicum natalense Hochst. Flora 29: 113. 1846.

"Ad sylvarum margines prope fl. Umlaas, Natal, Dec."
[Krauss, Collector]

T coll.

S. Africa

Panicum natans Koen, ex Trin. Gram. Pan. 237. 1826.

"V. spp. Ind. or. (Jacquin. Lindley.)"

India

Panicum naviculare Nees, Agrost. Bras. 136. 1829.

Based on "*Navicularia glabra* Raddi."

Rio Janeiro, Brazil
Raddi

= *Ichnanthus*

Panicum Nealleyi Vasey, Bull. Torrey Club. 13: 25. 1886.

"Collected in Texas by Mr. G. C. Nealley."

= *P. scabriusculum* Ell. Man. U. S.

Panicum Neesianum Wight & Arn. ex Steud. Syn. Fl. Glum.

1: 74. 1854.

"(in Hrbo. Wight nr. 2040.)"...."Ceylon"

Panicum Neesii Kunth, Rev. Gram. 1: 33. 1829.

Based on "*Panicum glaucescens* Nees ab Esemb."

T = *Digitaria*

Brazil, Sellow

Panicum neglectum Roem. & Schult. Syst. Veg. 2: 451.

1817.

"Specimini nostro ex Africa" adscriptum erat."

[no collector]

Panicum nematostachyum F. M. Bailey, Bull. Dept. Agr.

Queensl. 16: 2. 1903.

"Hab.: Irvinebank.--F. Bennett."

Australia

Panicum nemopanthum Ashe, Journ. Elisha Mitchell Soc.

15: 42. 1898.

"Type material collected by the writer April, 1895,
in the Penitentiary woods. Raleigh, N. C." Ashe

= *P. bicknellii* Nash Man. U. S.

Panicum nemorale Schrad. ex Schult. Mant. 2: 255. 1824.

Habitat: In Brasilia. Princeps Sereniss. Maximil.
Neowidensis."

= *Ichnanthus nemoralis* (Schrad.) H. & C.

Panicum nemorosum Swartz, Prodr. Veg. Ind. Ooc. 22. 1788.

"Jamaica, Domingo." [Swartz]

= *Ichnanthus nemorosus* (Sw.) Doell.

T Man. W. I.

Panicum nemorosum Reichenb. ex Steud. Nom. Bot. ed. 2.

2: 260. 1841, as syn. of *P. stoloniferum*

Panicum nemorosum Willd. herb. ex Mart. Fl. Bras.

26: 193. 1877, as syn. of *P. uncinatum*

= *Pseudechinolaena polystachya* (H.B.K.) Stapf

Panicum nemorosum var. *uncinatum* Kuntze, Rev. Gen. Fl.

33: 363. 1898.

Bolivia: 800 m. Rio Juntas. (Kuntze)

Panicum neobathiei A. Camus, Bull. Soc. Bot. France

74: 634. 1927.

"Madagascar: Mont Tsaratanana (Perrier de la Bâthie,
no. 16369)"

Panicum neohumbertii A. Camus, Bull. Soc. Bot. France
74: 633. 1927.

Madagascar: forêt d'Analazaoatra près Beforona...
(Humbert, no. 2255).

Panicum neoperrieri A. Camus, Bull. Soc. Bot. France
73: 976. 1926.

"Madagascar centr.: massif d'Andringitra; forêt à
sous-bois herbacé.... (Ferrier de la Bâthie,
no 14538)."

Panicum nepalense Spreng. Syst. Veg. 1: 321. 1825.

Type loc.: "Nepala. (P. nervosum Roxb.)"
India

Panicum nephelophilum Gaudich. in Freyc. Voy. Uran.
Bot. 411. 1830.

"Kalamalo et Konokoma incolarum."

"In insulis Sandwichensibus (Alt. 450-500hx)"

[Gaudichaud]
Hawaiian Isl.

Panicum nephelophilum var. *rhyacophilum* Hillebr. Fl.
Hawaiian Isl. 498. 1888.

"Hawaii! on lava fields of Laieha 6000 ft. above the
sea (Lydgate), Hualalai (M. & B. [Mann & Brigham]
327."

Panicum nephelophilum var. *tenuifolium* (Hook. & Arn.)
Hillebr. Fl. Hawaiian Isl. 497. 1888.

Based on "P. tenuifolium Hook. & Arn."
"Sandwich Islands"

Panicum nephelophilum var. *xerophilum* Hillebr. Fl.
Hawaiian Isl. 498. 1888.

"On dry exposed ridges of Oahu! Lanai! and Maui!
Maalaea."

Hawaiian Islands

Panicum nervatum (Franch.) Stapf in Frain, Fl. Trop.
Afr. 9: 669. 1920.

Based on *Isachne nervata* Franch.

"---près de Brazzaville (Brazza & Thollon 390.)
French Congo, Africa

Panicum nervosum Lam. Encycl. 4: 747. 1798.

"Cette plante croît dans l'Isle de Cayenne; je l'ai
vue dans l'herbier du citoyen Desfontaines. (V.S.)"

French Guiana

Panicum nervosum Böttl. Ges. Naturf. Freunde Berlin
Neue Schrift. 4: 194. 1803. Not Lam. 1798.

"In Gubernatoris horto Madras. Novembr. 29. 1799.
Semina huj. graminis e Cap. B. Sp. delata."

Cult. India, seed from Cape Good Hope. Africa

Panicum nervosum Roxb. Hort. Beng. 8. 1814, without
ed. Carey
descr.; Fl. Ind. 1: 314. 1820. Not Lam. 1798.

"From Nepala Dr. Buchanan sent the seed to the
Botanic Garden."

India

Panicum nervosum Muhl. ex Ell. Bot. S.C. & Ga. 1: 122.
1816. Not Lam. 1798.

Carolina and Georgia

= *P. commutatum* Schult. Man. U. S.

Panicum nervosum [Mich. misappl. by Muhl.] Desor. Gram.
116. 1817. Not Lam. 1798.

= *P. commutatum* Schult. Man. U. S.

Panicum neuranthum Griseb. Cat. Fl. Cub. 232. 1866.

"Cuba or. (Wright) 3453);"

Man. Grasses W. I.

Panicum neuranthum var. *ramosum* Griseb. Cat. Fl. Cub.
232. 1866. Not L. 1767.

"Cuba occ. (Wright) 3454)"

= *P. fusiforme* Hitchc. Man. Grasses W. I.
" " " U. S.

Panicum neurodes Schult. Mant. 2: 228. 1824.

Based on "*Panicum nervosum* Roxb." 1820.

"From Nepala Dr. Buchanan sent the seed to the
Botanic Garden---"

Cult. Calcutta India

Panicum neurodes var. *amplissimum* (Steud.) Walp. Ann.
Bot. 6: 947. 1861.

Based on *P. amplissimum* Steud.

Cuming 583, Philippines

= *Setaria*

Panicum neurodes var. *blepharoneuron* Walp. Ann. Bot.
6: 946. 1861.

"In Nepalia ubique et per totum annum vigens
(Wallich No. 8703.)."

India

= *Setaria*

Panicum neurodes var. *conjungens* Walp. Ann. Bot.
6: 946. 1861.

"In Nepalia (Boyle No. 27 in herb. Nees ab E sub
P. Kleiniano ♂)"

India

Setaria
§ *Ptychophyllum*

Panicum neurodes var. *Kleinianum* Walp. Ann. Bot.
6: 946. 1861.

"In peninsula Indiae orientalis (Wight no. 26); prope
Courtallum (No. 1029); in Malabar (No. 1647)."

Setaria § *Ptychophyllum*

Panicum neurodes var. *lene* (Steud.) Walp. Ann. Bot.
6: 947. 1861.

Based on "*P. lene* Steud."

"Java (Zollinger hrbr. 815)."

§ *Ptychophyllum*

Panicum neurodes var. *Roxburghianum* Walp. Ann. Bot.
6: 946. 1861.

"In Nepalia (Wallich Nr. 8702. in herb. Nees ab E.),
prope Courtallum (nr. 1014) et in Bengalia prope
Gillet (no. 8702 in herb. Kunth)."

India

§ *Ptychophyllum*

Panicum neurodes var. *Thwaitesii* Walp. Ann. Bot. 6: 947.
1861.

"In insula Ceylon (Thwaites)."

§ *Ptychophyllum*

Panicum neurophyllum Spruce ex Doell in Mart. Fl. Bras.
24: 254. 1877, as syn. of *Panicum pterygodium* Trin.

Cites: "*Panicum neurophyllum* R. Spruce Hb. n. 2050."

= *P. pterygodium*

Panicum nidulans Mez, Bot. Jahrb. Engler 34: 136. 1904.

"Nordost-Afrika: Küste des Roten Meeres, Flora des
Ssoturba-Gebirges (Schweinfurth n. 1171, Ehrenberg
ohne Standort)."

in T.

= *Brachiaria regularis* (Nees) Stapf fide Stapf

Panicum nigerense Hitchc. Proc. Biol. Soc. Washington
43: 90. 1930.

"Type in the U. S. National Herbarium, no. 1,445,575,
collected in dry locality, Niamey, Colonie du Niger,
Oct. 9, 1927, by O. Hagerup (no. 481)."

Panicum nigrescens Salzm. ex Steud. Syn. Fl. Glum.

1: 66. 1854, as syn. of *P. laxum*; ex Doell in Mart.
Fl. Bras. 2(2): 213. 1877.

Based on "*P. nigrescens* Salzm. Ind. occ. Brasil."

= *P. laxum* Swartz in H. & C. Rev.

Panicum nigricans Willd. ex Spreng. Syst. Veg. 1: 310.
1825, as syn. of *P. fasciculatum*.

= *P. fasciculatum* Swartz

Panicum nigrirostre Nees, Fl. Afr. Austr. 55. 1841.

"In altioribus ad Omsamubo, locis graminosis alt.
1000', (Drège)."

= *Setaria nigrirostris* (Nees) Dur. & Schinz

Africa

Panicum nigritanum Hack. ex Dur. & Schinz, Conspect. Fl.
Afr. 5: 756. 1894.

= *Digitaria nigritiana* (Hack.) Stapf.

Afr. occ. Bas-niger, Barter, sine num.

[see *nigritanum* Hack. ipse 1901.]

Panicum nigritanum Hack. Oesterr. Bot. Zeitschr.
51: 293. 1901.

"Africa centralis: in expeditione Baikiana ad fl.
Niger facta leg. Barter die 18. I 1859 (sine indic.
loci et sine numero)."

[see *P. nigritanum* Hack. ex Dur. & Schinz 1894.

T = *Digitaria nigritiana* (Hack.) Stapf

Panicum nigromarginatum Robyns, Mém. Inst. Col. Belge
Sec. Sci. Nat. & Méd. 1: 24 (repr.) pl. 1. f. A-P.
1932.

"District du Haut-Katanga: Welgelegen ... mai 1912,
Bequaert 385 (type)."

T

Panicum nigropedatum Munro ex Picoche & Hiern, Trans.
Linn. Soc. Bot. II. 2: 29. 1881.

Southern part of the Kalahari region
Burchell, no. 2391, on the rocks at the Chue Spring
October 7, 1812.

Burchell, no. 2577, at the Kosi Fountain, Dec. 24,
1812.

Burchell, no. 2610, between Knechts Fontein and Klip
Fontein, December 26, 1812.

Serpa Pinto, no. 41 [along upper course of the river
Ninda, an affluent of the Zambezi. Angola]

Basis of *Brachiaria nigropedata* (Munro) Stapf

Africa

Panicum nigropedatum var. *basipiliferum* Chiov. Ann. di Bot. 13: 42. 1914.

"Catanga, a Kapiri III. 1913. (Bovone n. 29).
[Africa tropica meridionalis]

Panicum nigrum Raspail, Ann. Sci. Nat. I. 5: 299. 1825, nom. nud.

Panicum niihauense St. John, Ocas. Papers Bishop Mus. 9: 5. pl. 1. 1931.

"Niihau, foot of Mountain on West side, January, 1912, J. P. G. Stokes. Type in B. P. Bishop Museum"
Niihau--Hawaiian Islands

Panicum nilagiricum Steud. Syn. Fl. Glum. 1: 62. 1854.

"P. Careyannum Hochst. in Hrbo. Hohenakr. nr. 919 U.S.
Montes Nilagiri." as syn. of *P. nilagiricum* Steud.
= *Brachiaris* India

Panicum nitens (Bendle) K. Schum. in Just's Bot. Jahresh. 27: 457. 1901.

Based on "*Digitaria nitens* Bendle"
Lopollo Huilla (Welwitsch 2634)
Africa
= *Digitaria nitens* Bendle

Panicum nitens Merrill, Bur. Gov. Lab. Publ. (Philippine) 17: 8. 1904. Not Schum. 1901.

"Type specimen no. 3756, Merrill, exposed ridges, Mount Mariveles, Province of Bataan, Luzon, Jan. 1, 1904, growing on ledges at an elevation of 1,200 m. above the sea...."
T
= *Iohnanthus* Ins. Philipp.

Panicum nitidum Lam. Tabl. Encycl. 1: 172. 1791.

"E. Carolina com. D. Fraser." Man. U. S.

Panicum nitidum Lam. misappl. by Hack. & Arech. Anal. Mus. Nac. Montevideo 1: 131. 1894. Not Lam. 1791.

"muy frecuente en terrenos arenosos y húmedos de la costa Platense"
Uruguay
(Hack. missa)

Panicum nitidum var. *angustifolium* (Ell.) Gray, Gram. & Cyp. 2: 112. 1835.

Based on *P. angustifolium* Ell.
= " " "
Man. U. S.

Panicum nitidum var. *barbatum* Torr. Fl. North. & Mid. U. S. 146. 1824.

"Of this grass there are many varieties."
No locality cited
= *P. mattamuskeetense* Ashe Man. U. S.

Panicum nitidum *barbulatum* (Michx.) Chapm. Fl. South. U. S. ed. 3. 586. 1897.

Based on *P. barbulatum* Mx.
Canada T (Michx. hb.)
= *P. barbulatum* Michx. Man. U. S.

Panicum nitidum var. *ciliatum* Torr. Fl. North. & Mid. U. S. 146. 1824.

"Of this grass there are many varieties."
"In the pine barrens of New Jersey."
= *P. huachucae* var. *fasciculatum* (Torr.) P. T. Hubb.
Man. U. S.

Panicum nitidum var. *crassifolium* Gray, N. Amer. Gram. & Cyp. 1: 30. 1834, nom. nud. [Exsiccatas]

A. Gray ex Doell in Mart. Fl. Bras. 2^o: 247. 1877. described. (Descr. fits *sphaerocarpon*)
"Ad specimen in New Jersey lectum, n. 30."
(Gram. & Cyp. Dist. n. 30 = *sphaerocarpon*)
Rickett & Gilly, Bull. Torrey Club 69: 464. 1942 say, "Doell, l.c. attributed the variety to Asa Gray, provided it with a brief description, but said that it was a different species. Whether this can be said to 'validate' Gray's nomen nudum is debatable."
= *sphaerocarpon* Ell. Man. U. S.

Panicum nitidum var. *densiflorum* Rand & Redfield, Fl. Mt. Desert 174. 1894.

"Shore of Ripples Pond (Rand)"
Mount Desert, Maine
= *P. spretum* Schult. Man. U. S.

Panicum nitidum var. *ensifolium* (Baldw.) Vasey, U. S. Dept. Agr. Div. Bot. Bull. 8: 29. 1889.

Based on *P. ensifolium* Baldw.
Georgia
= *P. ensifolium* Baldw. Man. U. S.

Panicum nitidum var. *glabriusculum* Doell, in Mart. Fl. Bras. 2^o: 247. 1877.

"a ol. comite Haben et ol. Olazicu prope Rio de Janeiro lecta, testibus herbarii mei specimenibus."
Brazil

Panicum nitidum var. *glabrum* Torr. Fl. North. & Mid. U. S. 146. 1824.

"Of this grass there are many varieties."
"in meadows; common"
No locality cited. "The description suggests *P. commutatum* Schult. ---A.S.H. Given in "Unidentified Names" in Man. U. S.
"Some sp. of *Dichanthelium*" - A.C.

Panicum nitidum var. *gracile* Torr. Fl. North. & Mid. U. S. 146. 1824.

"Of this grass there are many varieties."
"The description applies fairly well to the vernal phase of *P. dichotomum* L. ---A.S.H. under "Unidentified Names" in Man. U. S.
"Near New York"
A sp. *Dichanthelium*

Panicum nitidum var. *gracile* Fourn. Mex. Fl. 2: 21. 1886.

"*Panicum gracile* Leconte!"
"In udis prope Orizaba, septembri (Bott. n. 99)
[= *P. olivaceum* H. & C.]
Mexico

Panicum nitidum var. *majus* Pursh, Fl. Amer. Sept. 1: 67. 1814.

"common in woods and fields" North America
= *P. commutatum* Schult. Man. U. S.

Panicum nitidum var. *majus* Vasey, Contr. U. S. Nat. Herb. 3: 30. 1892.

no locality or specimen cited.
"Vasey says, 'Here could be placed several variable forms.'" Under "Unidentified Names" Man. U. S.

Panicum nitidum var. *minor* [minus] Vasey, Contr. U. S. Nat. Herb. 3: 30. 1892.

"Florida" [type, St. Augustine, Canby]
= *P. chamaelonche* Trin. Man. U. S.

Panicum nitidum var. *oetnodum* (Smith) Scribn. & Merr. U. S. Dept. Agr. Div. Agrost. Bull. 24: 34. 1901.

trinomial--given as (Smith) n. comb.
Based on *P. oetnodum* Smith
= *P. spretum* Schult. Man. U. S.
Waller Co., Texas (P. W. Thurnow, May 5, 1898)

Panicum nitidum var. *pauciflorum* Britton, Trans. N. Y. Acad. Sci. 9: 14. 1889.

Based on "*P. dichotomum* var. *pauciflorum* Vasey in Columbia College Herbarium" [Vasey's name had not been published.] No locality, no specimen.
"Collected by myself on a mountain east of Lake Hopatcong, Morris Co., New Jersey, July 1884." [Britton]
= *P. dichotomum* L. Man. U. S.

Panicum nitidum var. *pilosum* Torr. Fl. North. & Mid. U. S. 146. 1824. Not *P. pilosum* Swartz, 1788.

"Of this grass there are many varieties."
"In dry woods, & c. New York"
= *P. huachucae* Ashe Man. U. S.

Panicum nitidum *pubescens* Scribn. in Kearney, Bull. Torrey Club 20: 479. 1893, nom. nud.

"Marlan and Bell Counties, Ky.
Kearney 58 & 141 in part"
"*Panicum laxiflorum pubescens* Chapm." ined.
= *P. villosissimum* Nash Man. U. S.

Panicum nitidum var. *ramulosum* Torr. Fl. North. & Mid. U. S. 146. 1824.

"Of this grass there are many varieties."
"Near Quaker-Bridge, New Jersey"
= *P. microcarpon* Muhl. Man. U. S.

Panicum nitidum var. *velutinum* Doell in Mart. Fl. Bras. 2^o: 247. 1877.

"*Panicum viscidum* Elliott---Vincent Plant. texan. n. 41b. 7"
Texas
= *P. scoparium* Lam.

Panicum nitidum var. *villosum* A. Gray ex Doell in Mart. Fl. Bras. 2(2): 247. 1877, as syn. of *P. nitidum pilosum* Torr.

"Exsiccatam apud Riehl n. 141."
P. nitidum var. *villosum* A. Gray, N. Amer. Gram. & Cyp. = *P. villosissimum* Nash

Panicum nitidum var. *viride* (Vasey) Britton, Trans. N. Y. Acad. Sci. 9: 14. 1889.

Based on *P. dichotomum* var. *viride* Vasey.
Woodley Park, Washington, D.C. 1881. (L. F. Ward)
= *P. dichotomum* L. Man. U. S.

Panicum nodatum Hitchc. & Chase, Contr. U. S. Nat. Herb. 15: 293. f. 331. 1910.

"U. S. National Herbarium no. 592749, ---Sarita, Texas, collected by A. S. Hitchcock (no. 3865)."
Man. U. S.

Panicum nodibarbatum Hochst. ex Steud. Syn. Fl. Glum. 1: 95. 1854.

"(Hrb. Hohnkr. Ind. or. nr. 1275.)"....

"Montes Nilagiri."

India

Panicum nodiflorum Lam. Encycl. 4: 744. 1798.

"...recueilli par M. Fraser dans la Caroline. Le citoyen Michaux l'a trouvée dans la Basse-Caroline, dans les fosses humides (V. s.)"

= *P. nitidum* Lam. Man. U. S.

Panicum nodiflorum Lam. (misapplied?) Pursh, Fl. Amer. Sept. 1: 68. 1814. [Kew]

Panicum nodosum Kunth, Rev. Gram. 1: Suppl. IX. 1830.

Based on "*Panicum multinode* Presl." Not Lam. 1798.
Sorsogon--Luzon Philippines

Panicum nodosum Willd. ex Steud. Nom. Bot. ed. 2. 2: 260. 1841, as syn. of *P. bulbosum* H.B.K.

type in hb. Willd.

= *bulbosum*
H. & C. *Panicum*

Panicum nodosum var. *micranthum* Balansa, Journ. de Bot. 4: 142. 1890, without descr.

"Tu-Phap, Dong-Dang, etc. (Bal. 480, 1609, 1610)."
[Indo-Chine Française]

Panicum norfolkianum Nees in Endl. Prodr. Fl. Norf. 18. 1833.

"insula Norfolk. (Ferd. Bauer.)"
Australasia

Panicum nossibense Steud. Syn. Fl. Glum. 1: 419. 1855.

"Boivin legit in Ins. Nossibé."
East of Africa

Panicum notabile Hook.f. Fl. Brit. Ind. 7: 32. 1896.

"Burma; Petroleum wells of the Irawaddi, Wallioh... Wall. Cat. n. 8723."
List

Basis of *Echinochloa notabile* (Hook.f.) Rhind.

Panicum notarisii Aschers. in Aschers. & Schweinf. Beitr. Fl. Aethiop. 310 [error for 306] 1867.

Based on *P. minutiflorum* Big. u. D. Not., nicht Hochst.
Africa

Panicum notatum Retz. Obs. Bot. 4: 18. 1786.

"In Sumatra lectum dedit nuper nominatus D. Wennerberg."

P. repens L. A.S.H. 2: 86. Eur. Notes with his fieldbooks.

See Bor, Fedde Rep. 63: 329, 331. 1960.

H. & C. *Panicum*

Panicum montanum Roxb. 1820 = *P. notatum* Retz.

Panicum notochtonum Domin, Repert. Sp. Nov. Fedde 10: 60. 1911.

(See Agric. Gaz. N.S.W. 25: 1034. 1914 for pl.)
New South Wales: Darling River

Australia

"*P. javanicum* Poir. simile affineque." This is the *P. helopus* of Benthams Flora Austr.

Panicum Novae-Hollandiae Desv. Opusc. 83. 1831.

Based on "*Paractaenium novae-hollandiae* P. Beauv."

"Iles Steriles" (probably Shark's Bay) in 1802, and is possibly the plant described by Beauvois (See Niles, Contr. U. S. Nat. Herb. 24: 170. 1925).

[Australia]

Panicum novemnerve Stapf in Prain, Fl. Trop. Afr. 9: 702. 1920.

"Mozambique Distr. Rhodesia: Mashonaland; Salisbury, Allen, 692! Mrs. Craster, 27! N. Mazoe District, Mundy! Buluwayo and Matoppos Hills, Appleton 6!"

Africa

Panicum nubium Steud. Syn. Fl. Glum. 1: 88. 1854.

see Fig. & De Not 1853-1854.

"*P. turgidum*. Hochst. hrb. un. it. Nub. nr. 29... Nubia."

Africa

Panicum nubium Fig. & De Not. Mem. Accad. Sci. Torino. II. 14: 352. 1854. (Separate 1853)

"In Nubiae superioris regione Kordofan."

Africa

= *P. turgidum* Forsk. fide Stapf

Panicum nubigenum Kunth, Enum. Fl. 1: 98. 1833.

Based on *Panicum montanum* Gaud. Not Roxb.; *Neurachne montanum* Gaud.

Habitat: "Insulae Sandwichenses."

T. in Delessert Herb.

Hawaiian Islands

Panicum nudicaule Vasey, U. S. Dept. Agr. Div. Bot. Bull. 8: 31. 1889.

"Swamps, Santa Rosa County, Fla. (A.H. Curtis)."
No. 3583

Man. U. S.

Panicum nudiculme Mez, Bot. Jahrb. Engler 56 (Beibl. 125) 6. 1921, without descr.

Based on "*Triscenia ovina* Griseb. Cuba (Wright n. 756 e. p.)."

= *Triscenia ovina* Man. W. I.

Panicum nudiglume Hochst. Flora 27: 253. 1844.

"(*P. arvense* Kunth v. *nudiglume* in pl. exsicc. Un. it ex Kotschy i tin. Nubico sine nro. et in Flor. Aethiopica exsiccata ejusdem nro. 53. a. et b.)."
"Habitat in provincia Cordofan."

P. nudiglume A. Rich. part. not Hochst, that = *Brachiaria regularis* (Nees) Stapf

= *Brachiaria epaleata*

Africa

Panicum nudiglume var. *major* Hochst. in A. Rich. Tent. Fl. Abyss. 372. 1851.

"M. Hochstetter signale une variété ou forme particulière de cette plante var. major."

= *Brachiaria grossa* Stapf

Abyssinia

? *Panicum nudum* Walt. Fl. Carol. 73. 1788.

"Description inadequate, no specimen in the Walter Herbarium in the British Museum." (Hitchc. Manual)

South Carolina

= *Leptoloma cognatum* (Schult.) Chase
Man. U. S.

Panicum numaeense Balansa, Bull. Soc. Bot. France 19: 325. 1872.

"Presqu'île de Nouméa, dans les bosquets (Bal. no. 1736; Pancher)." Nouvelle-Calédonie

Panicum numidianum Lam. Tabl. Encycl. 1: 172. 1791.

"Ex Numidia Com. D. Poiret."

Algeria

Panicum numidianum Presl, Cyp. Gram. Sicul. 19. 1820.
Not Lam. 1791.

"Hab. in arvis humidis ad Bocea di Falco Panormum prope."

Sicily

Panicum numidianum Sieber ex Schult. Mant. 2: 267. 1824,
as syn. sub *Echinochloa hispida*.

"*P. numidianum* Sieb. Herb. aegypt. ---" Ad Damiatte Sieb."

Panicum nutans (Poir.) Desv. Opusc. 93. 1831.

Based on *Agrostis nutans* Poir.

So. Carolina (Boso)

= *P. anceps* Michx. Man. U. S.

Panicum Nuttallianum Steud. Nom. Bot. ed. 2. 2: 260. 1841.

Based on "*Orthopogon parvifolius* Nutt."

= *Oplismenus setarius* (Lam.) Roem. & Schult.

Fla. & S. Carolina

Man. U. S.

Panicum nyanzense Schum. Bot. Jahrb. Engler 24: 333. 1898.

"Centralafrikan. Seengebiet: bei Bukoba (Stuhlmann n. 3302)"

Africa

Panicum oahuense Steud. Nom. Bot. ed. 2. 2: 260. 1841, nom. nud.

"Ins. Oahu."

= *Echinochloa*

Hawaiian Islands

Panicum oaxacense Steud. Syn. Fl. Glum. 1: 73. 1854.

"Oaxaca." Mexico

= *Lasiacis oaxacense* (Steud.) Hitchc.

Panicum obliquum Roth ex Roem. & Schult. Syst. Veg. 2: 433. 1817; Roth, Nov. Plant. Sp. Ind. Orient. 51. 1821.

"Roth nov. plant. spec. Mss. ...Ind. orient. Heyne."

= *Cyrtococcum patens* (L.) A. Camus fide Bor

Panicum obliquum Zoll. ex Steud. Syn. Fl. Glum. 1: 96.
1854, as syn. of *P. Kunthianum* Wight & Arn. ex
Steud. 1854. Not *P. obliquum* Roth 1817.

= *Isachne*
Java

Panicum oblongatum Griseb. Abh. Ges. Wiss. Göttingen
19: 261. 1874.

"Thoumou, in umbrosis udis sylvarum subtropicarum pr.
Siambon." [Lorentz, Coll.]
Argentina

Panicum oblongiflorum Desv. Opusc. 89. 1831.

"Habitat in Carolina"----"à Bosco."

U. S.
= *P. hians* Ell. Man. U. S.

Panicum oblongispiculum Ohwi, Bull. Tokyo Sci. Mus.
no. 18: 15. 1947.

"Sumatra (Atjeh, v. Steenis, 8779, in Herb. Bogor.)"

Panicum oblongum Hack. ex Tenzel, Bull. Herb. Boiss.
3: 450. 1895, listed without description or citation.
A herb. name for *P. virgultorum* Hack.

This and *virgultorum* Hack. = *P. arundinariae* Trin. ex
Fourn. 1886.--Swallen Mo. Bot. Gard. 30: 222. 1943.

Panicum obovatum Doell in Mart. Fl. Bras. 2^o: 256. 1877.

"prope S. Gabriel da Cachoeira ad fluvium Rio Negro
(R. Spruce n. 2341)"
T U.S.

Brazil

Panicum obscurans Stapf ex Woodr. Journ. Bombay Nat.
Hist. Soc. 13: 434. 1901.

See also: Stapf in Prain, Fl. Trop. Afr. 9: 699. 1920.
Based on "*Isachne obscurans* Woodr.
"Jeur, in the Deccan, India"

Panicum obseptum Trin. Gram. Pan. 149. 1826.

"V. spp. nov. Holl. (Lindley.)"
Australia

Panicum obtectum Presl, Rel. Haenk. 1: 301. 1830.

"Hab. in Mexico" [Haenke]
T
= *Paspalum humboldtianum* Fl.

Panicum obtusiflorum A. Rich. in Sagra, Hist. Cuba
11: 305. 1850. Not Hochst. 1851.

"Crescit ad marginem rivuli Cauto in provincia
Santiago de Cuba. (Linden, n. 2143)"
= *P. glutinosum* Sw. Man. W. I.
H. & C. *Panicum*

Panicum obtusiflorum Hochst. ex A. Rich. Tent. Fl.
Abyss. 2: 367. 1851. Not A. Rich. in Sagra 1850.

"pl. Schimp. Abyss., sect. III, no. 1553."
T
"crescit in paludibus planitie montanae Walcha,....
(Schimper)."
= *Braohiaris obtusiflora* (Hochst) Stapf
Abyss.

Panicum obtusifolium Delile, Fl. Egypt. 150. pl. 5.
1812. ex pl. 6.

"Je l'ai trouvée dans l'étang de Birket el-Rotly au
Kaire, à Damiette, et au bord du canal de Moueys
près des ruines de San."

Basis of *Paspalidium obtusifolium* (Delile) Sims.
= *Stenotaphrum dimideatum* (L.) Brongn.
Africa

Panicum obtusifolium var. *acutifolium* Coss. & Dur. Expl.
Sci. Alger. 2: 29. 1854.*

Habitat substituted in Addenda p. 278: "In paludosis
aquaticis regionis Mediterraneae littoralis provin-
ciae Cirtensis praesertim orientalis: Ad lacum Houbera
prope La Calle, in ditione Qued-Dieb (A. Letourneus),
Freitis (A. Letourneus), in ditione Senhadja (A.
Letourneus et II. de la Ferraudiere in Kralik pl.
Alger. select. exsicc. n. 150)."

*Stearn says sheets 1-15 (i.e. pp. 1-120) printed
between Oct. 1854-Apr. 1855.

Panicum obtusifolium var. *obtusifolium* Coss. & Dur.
Bull. Soc. Bot. France 1: 314. 1854.

"In paludosis aquaticis prope La Calle ad lacum
Houbera!"

Algeria

= *P. obtusifolium* Del.

Panicum obtusifolium var. *obtusifolium* Coss. & Dur.
Bull. Soc. Bot. France 1: 314. 1854.

Egypt

Panicum obtusiglume Hitchc. Contr. U. S. Nat. Herb.
24: 464. 1927.

"Type in the U. S. National Herbarium, No. 1,126,951,
collected at Tambillo, Peru, March 18, 1878, by
C. de Jelski (no. 401)."

Andes Gr.

Panicum obtusum H.B.K. Nov. Gen. & Sp. 1: 98. 1815.

"Crescit in planitie montana regni Mexicani prope
Guanaxuato et Burras, in humidis, alt. 1080 hexap."
Humboldt & Bonpland, Collectors.

Mexico T
Man. U. S.

Panicum obumbratum Stapf in Dyer, Fl. Cap. 7: 401. 1899.

Africa aust. Coast Region. Alexandria Div.; Zuarberg
Range in shady places by streamlets. Drege!

"Specimens in Drege's herbarium at Lübeck." See
Thielsen-Dyer, Fl. Cap. 7, pt. 2: 401. 1898.

Africa

Panicum occidentale Scribn. Rep. Missouri Bot. Gard.
10: 48. 1899,

Based on "*P. pubescens* [Lam. err. det.] Presl. Not
Lam. nor Michx."
Man. U. S.

Nootka Sound--Vancouver Isl. (Haenke)

Panicum occidentale (Nash) Nieuwl. Amer. Midl. Nat.
2: 64. 1911. Not Scribn. 1899.

Based on "*Chaetochloa occidentalis* Nash."
= *Setaria geniculata* (Lam.) Beauv. Man. U. S.
Kans. & Ind. Terr. U.S.

Panicum ocreatum Willd. ex Spreng. Syst. Veg. 1: 305.
1825, as syn. of *Setaria ocreata* Spreng.

"Ind. Occ."

Panicum octonodum Smith, U. S. Dept. Agr. Div. Agrost.
Bull. 17: 73. f. 369. 1899.

(June) This citation given in Man. U. S.

"Waller County, Tex., Thunow in 1898."

= *P. spretum* Schult. Man. U. S.
Also published in U. S. Dept. Agr. Div. Agrost.
Circ. 16: 5. 1899.

Panicum officinarum Marat. Fl. Rom. 1: 50. 1822, as
syn. of *P. dactylon* L.

[Italy]

= *Cynodon dactylon*

Panicum ogowense Franch. Bull. Soc. Hist. Nat. Autun
8: 344. 1893.

"Hab.--Région de l'Ogooué (Thollon, n. 727, 832)."

Panicum oryzoides Sw.
(Acroceras " (Sw.) Stapf)
Fr. Congo. Africa

Panicum ohwi Beetle, Leaflets West. Bot. 6: 162. 1951.

Based on *Panicum parvispiculum* Ohwi, Bull. Tokyo Sci.
Mus. 18: 15. 1947. Not *P. parvispiculum* Nash 1897.

Borneo (W. Kootai, Moeaga Antjaloeng, 15 m., Endert
2124, in Herb. Bogor.)"

Panicum oliganthum Schlecht. Linnaea 26: 137. 1854.

"Sillae de Caracas"
"(n. 391)" [Plantae Wagerianae Columbianae]
Venezuela

Panicum oligadenotrichum A. Camus, Bull. Soc. Bot.
France 108: 160. 1961.

Madagascar: Nord: collines et plateaux calcaires de
l'Ankarana du Nord (prov. de Diégo-Suarez); forêt
trophile, alt. 30-350 m. Humbert, 1957-1960.

Panicum oligobrachiatum Pilger, Bot. Jahrb. Engler 33:
50. 1902.

Basis of *Brachiata oligobrachiata* (Pilg.) Pilg.

"Westafrika: Unteres Congo-Gebiet; Bonga (Schlechter
n. 12663)."

Panicum oligochaete (Schum.) Kneuk. Allg. Bot.
Zeitschr. 21: 28. 1915.

Based on *Setaria oligochaete* Schum.

= *Setaria plicatilis* (Hochst) Hack.
Kilimandscharo (Volkens 1605) Africa

Panicum oligosanthos Schult. Mant. 2: 256. 1824.

Based on *P. pauciflorum* Ell. Not R. Br. 1810.
Man. U. S.

Panicum oligosanthos var. *Helleri* (Nash) Fernald,
Rhodora 36: 80. 1934.

Based on *P. Helleri* Nash
= *P. helleri* Nash
Kerrville, Kerr Co. Tex. A. A. Heller no. 1759.
Man. U. S.

Panicum oligosanthos var. *Scribnerianum* (Nash) Fernald,
Rhodora 36: 80. 1934.

Based on *P. Scribnerianum* Nash

Based on *P. scoparium* as described by Watson in
Gray's Manual

[Type, Pennsylvania, Carey in 1836]

= *P. scribnerianum* Nash Man. U. S.

Panicum oligostachyum Steud. Syn. Fl. Glum. 1: 97. 1854.

"Urvill legit prope Conception, Chili."

[Chauvin 1851]

= *Belohella panicoides* Steud. — Munoz

Panicum oligotrichum Fig. & DeNot. Mem. Acad. Sci.

Torino II. 14: 333. 1854. (Separate 1853)

"Ad amnem coeruleum in Nubia superiore."

Africa

Panicum olivaceum Hitchc. & Chase, Contr. U. S. Nat.

Herb. 15: 225. f. 234. 1910.

"U. S. National Herbarium no. 823209, --- Coban,
Department of Alta Vera Paz, Guatemala, --- by H. von
Tuerokeim (no. 428)."

H. & C. *Panicum*; Gr. Cent. Am.

Panicum Olyraechna Beurling, Svensk. Vet. Akad. Handl.

1854: 112. 1856.

Portobello. No. 241. In palmetis.

Venezuela

Panicum olyraefolium Raddi, Agrost. Bras. 43. pl. 1.

f. 6. 1823.

"in sepibus prope fossas udas in vicinis Rio-janeiro,
Raddi

Brazil

= *P. tropaeolens* Meyer

H. & C.

Panicum olyroides H.B.K. Nov. Gen. & Sp. 1: 102. 1815.

"Crescit in aridis, incolitis Novae Andalusiae, in
deveris montis impossibile, alt. 250 hexap."

Humboldt & Bonpland

(A.S.H. 1: 65. Eur. Notes---with fieldbooks.

Venezuela

Panicum olyroides var. *denudatum* Doell in Mart. Fl.

Bras. 2^o: 230. 1877.

"Brasilia occidentali (Tamberlik)."

Panicum olyroides var. *fimbriatum* Doell in Mart. Fl.

Bras. 2^o: 230. 1877.

"Nova Andalusia (Humboldt [= species itself] Herb.
Willdenow), ad Caldas (Regnell III. 1368) et prope
Hytt, prov. S. Paulo (Riedel n. 2150)."

N. Andalusia = Venezuela

Caldas, Brazil } Brazil
prov. S. Paulo }

Panicum olyroides var. *hirsutum* Henr. Ned. Rijks Herb.

Leiden No. 40: 52. 1921.

"Paraguay, Campos situés au N. E. de Caaguazu.
Balansa 1874 no. 23."

type coll. var.

= *Polyroides*

Panicum Onslowense Ashe, Journ. Elisha Mitchell Soc.

16: 88. 1900.

"Type material was collected near Ward's Mill,"
Onslow County, N. C. Ashe

= *P. webberianum* Nash Man. U. S.

Panicum Omurus Willd. in Nees, Agrost. Bras. 251. 1829,

as syn. of *Pam. setosum* var.

see Trin. 1834, valid publ.

"Willd. Herb. ---ex Humboldtianis)"

= *Setaria*

Panicum omurus Willd. ex Trin. Mém. Acad. St. Pétersb.

VI. Sci. Nat. 1: 226. 1834.

cf. Willd. ex Nees, Agrost. Bras. 251. 1829.

Willd. hb.

Montevideo

Panicum ophiticola Hitchc. & Ekman, U. S. Dept. Agr.

Misc. Publ. 243: 293. f. 282. 1936.

Type in the U. S. Nat. Herb. No. 1387464, collected
in "cuabales", on serpentine, Loma Cajalbana, prov.
Pinar del Río, Cuba, Jan. 2, 1921 by E. L. Ekman
(no. 12712)

Panicum oplismenoides Hack. Bol. Soc. Broteriana

6: 141. 1888.

"Gorongosa" [Fl. in Zambezia a cl. M. Rodrigues de
Carvalho anno 1886. lectae]

= *Chloschne oplismenoides* (Hack.) Stapf

T

Africa

Panicum oplismenoides Nash, Bull. Torrey Club 30: 381.

1903. Not Hack. 1888.

"Collected on the edge of a ditch at Vega Baja,
May 9, 1899, by Heller, no. 1316."

Puerto Rico

= *P. parvifolium* Lam.

H. & C. *Panicum*

Panicum Orangensis Ashe, Journ. Elisha Mitchell Soc.

15: 113. 1899.

"---Orange county, N. C." "Collected in June 1898."

W. W. Ashe.

= *P. lanuginosum* Ell. Man. U. S.

Panicum oreades Domin, Bibl. Bot. 85: 297. 1915.

Based on "*P. aequiglume* Hook.f. 1896, not Hack. 1894"

Nilghiri Hills Lawson

India

Panicum oreoboloides (Whitney) Skottsb. Acta Hort.

Gothob. Bot. Trädgård 15: 292. f. 78-96, 105. 1944.

Based on *P. imbricatum* var. *oreoboloides* Whitney

Kauai, Hawaiian Isls.

Panicum oreoboloides var. *subimbricatum* Skottsb. Acta

Hort. Gothob. Bot. Trädgård 15: 292. f. 85-96. 1944.

"Kauai: on the summit of Waialeale... (3067)...
3067b)." [Cranwell, Selling & Skottsb. 1938,
collection]

Hawaiian Isls.

Panicum oricola Hitchc. & Chase, Rhodora 8: 208. 1906.

In National Herbarium---Hitchcock 47. Lewes, Del.
June 18, 1905."

T

Man. U. S.

Panicum orientale (Pers.) Willd. Enum. Fl. 1031. 1809.

Based on "*Pennisetum orientale* Pers."

= *Pennisetum*

"Oriente"

Panicum orinocanum Lucas, Journ. Washington Acad. Sci.

32: 164. f. 9. 1942.

"The type is in the Herbario Nacional de Venezuela,
Ministerio de Agricultura y Cria; a duplicate type
in U. S. National Herbarium; collected in Alto
Orinoco, in savannas of the Rio Cataniapo, Puerto
Ayacucho, altitude 88 m, Venezuela; May 23, 1940, by
Ll. Williams, no. 13090."

aff. *P. micranthum* H.B.K.

Panicum orinocense Willd. ex Spreng. Syst. Veg. 1: 316.

1825, as syn. of *P. glutinosum* Lam.

"W. herb."

= *Lasiacis sorghoidea*

Panicum ornatum Desv. ex Hamilt. Prodr. Fl. Ind. Occ.

11. 1825.

"*P. ornatum* Herb. Prof. Desv. Porto Rico (S.R.)."

= *P. acuminatum* Man. W. I.

Panicum ornithopus Trin. in Spreng. Neue Luth. 2: 83.

1821.

"Hab. in Ins. adscensionis."

Atlantic Ocean

Panicum orthophyllum Ashe, Journ. Elisha Mitchell Soc.

16: 90. 1900.

"Shady slopes of sand hills, New Hanover County, N.C.
June 1899." Ashe in 1899.

= *P. arenicoloides* Ashe Man. U. S.

Panicum orthostachys Mez, Notizbl. Bot. Gart. Berlin

7: 66. 1917.

Africa

"Senegambia, ad fontes prope Male (Leppieur n. 21),
nec non in Sorghi arvis prope Cayor (Heudelot n. 453)";

Panicum orthostachyum (Stapf & Jesson) Ewart & Davies,

Fl. North. Terr. 38. 1917. See *orthostachys*, Mez
1917.

Based on *Digitaria orthostachys* Stapf & Jesson

Australia near Darwin

(Allen 29....143)

Panicum orthum Voigt, Hort. Calcutt. 701. 1845,

without descr.

"(*Digitaria stricta*, Roth.; Röm. & Soh. 2. p. 474).
Bengal, (Serampore.)

Panicum oryzenum Gmel. Syst. Nat. 1: 157. 1791.

Based on *Panicum oryzoides* Arduino Animad. Spec.
Alt. 16. pl. 5. 1764.

Panicum oryzetorum Balansa, Journ. de Bot. 4: 141. 1890.

"Ouonbi, Hanoi, Tu-Phap (Bal. 472, 1628)."

in T T

= *Panicum luzonensis*

Indo China

Panicum oryzetorum Sickenb. Mém. Inst. Égypt. 4: 300.
1901. Not Balansa 1890.

"M. Bizières Charabas! Rosette! N. Fayoum!"
[Mediterranean Region] Egypt.

"M" = Région méditerranéenne
"N" = Région nilotique
[Nile]
= *Echinochloa*

[y]
Panicum orizetorum Chevalier, Compt. Rend. Assoc. Franç.
1^{re} Avanc Sci. 29^e: 651. 1901. Not Balansa 1890.

"Sénégal, pays de Galam, probablement environs de
Bakel 'en septembre et octobre, dans les cultures de
riz' (Heudelot, 1837, no. 300)."

= *Echinochloa stagnina* in Stapf
Africa

Panicum oryzetorum Makino ex Honda, Bot. Mag. Tokyo
37: 118. 1923, herb. name, as syn. of *Gaocolepis*
oryzetora. Not Chevalier, 1901, nor Balansa 1890.
Japan

Panicum oryzicola Vasing. Bull. Appl. Bot. 25^e: 125.
1931, in obs. in Russian; ex Kom. Fl. U.R.S.S.
2: 33. 1934, as syn. of *Echinochloa oryzicola*
Vasing.

See *P. crusgalli* L. prol. *oryzicola* Vas. ibid 125 in
fnote.

Eastern Asia

Panicum oryzinum Omel. Syst. Nat. 1: 157. 1791.

Based on "*Panicum oryzoides* Arduin."

Panicum oryzoides Ard. Animad. Spec. Alt. 16. pl. 5.
1764.

Panicum oryzoides Swartz, Prodr. Veg. Ind. Occ. 23.
1788. Not Ard. 1764.

"Jamaica" Swartz

= *P. zizanioides* H.B.K. Man. W. I.

Panicum oryzoides Swartz misappl. by Nees, Agrost. Bras.
154. 1829.

Habitat in silvis ad flumen Itahype et Camacorum vi-
cum S. Pedro d'Alcantara, provinciae Bahiensis.
Floret Decembri 4.

= *P. grandiflorum* Doell p. 198.

Brazil

Panicum ouombiense Balansa, Journ. de Bot. 4: 142. 1890.

"Ouombi, Lankok (Mont-Bavi), dans les buissons, les
bois (Bal. 451, 478, 1613, 1614, 1615)."

= *P. nodosum* Kunth

Indo-China

Panicum ovale R. Br. in Salt, Abyss. App. 62. 1814,
nom. nud.

[Africa. Abyss. Salt]

Panicum ovale Ell. Bot. S. C. & Ga. 1: 123. 1816.
Not R. Br. nom. nud.

"Grows in Carolina and Georgia. Sent from St. Mary's
Georgia, by Dr. Baldwin."

Man. U. S.

Panicum ovaliferum Trin. ex Steud. Nom. Bot. ed. 2.
2: 260. 1841. error.

"Brasil Dr. 235--" Not published by Trinius.

Panicum ovalifolium Poir. in Lam. Encycl. Suppl.
4: 279. 1816.

"Cette plante croît en Guinée (V. S. in herb. Desv.)
...."*Panicum guineense* Desv. Herb."

= *P. brevifolium* L. in Stapf

Africa

Panicum ovatum R. Br. Steud. Nom. Bot. ed. 2. 2: 260.
1841. error for *ovale* R. Br. in Salt. Abyssinia.

Panicum ovinum Scribn. & Smith, U. S. Dept. Agr. Div.
Agrost. Circ. 16: 3. 1899.

"Type collected by F. W. Thurow, Waller County, Texas,
May 25, 1898."

Man. U. S.

Panicum ovuliferum Trin. Gram. Pan. 191. 1826.

"V. spp. Brasil. (Langsdorff.)

Panicum Owenae Bicknell, Bull. Torrey Club 35: 185.
Apr. 1908.

"collected [by Bicknell?] Sept. 20. 1907.

"on sandy commons west of the town" [on Nantucket]
in herb. N. Y. Bot. Garden" Mass.

= *P. addisonii* Nash Man. U. S.

Panicum oxyanthum Steud. Syn. Fl. Glum. 1: 41. 1854.

"Poiteau legit 1802 in ins. St. Domingo." W. I.

A.S.H. 1: 47 (Eur. Notes with fieldbooks)

= *Reimarochloa acuta*

Panicum oxyanthum Steud. ex Dur. & Schinz, Consp. Fl.
Afr. 5: 740, in syn. 1894. Not Steud. 1854.

Africa

Panicum oxycephalum Peter, Repert. Sp. Nov. Pedde
Beih. 40: 169, 180, 182 & Anhang, 34. pl. 19. f. 5.
1930.

"Deutsch-Ost. Afr. West] Usambara: Mombo → Makuyuni
Sumpfwiesen....Peter 40687)."

Africa

Panicum oxyphyllum Hochst. ex Steud. Syn. Fl. Glum.
1: 65. 1854.

"Hrbr. Hohenack. Ind. or. nr. 627."

Note by A.S.H.: "Stapf says this antedates *P. pilipes*
(Hook. Icon. 3096)."

Ind. Or.

= *Cyrtococcum oxyphyllum* (Hochst.) Stapf in
Hook. Icon. Fl. 31: 3096. 1922.

Panicum ozogonum Steud. Syn. Fl. Glum. 1: 68. 1854.

"Leprieur legit in Senegalia."

"probably *Brachiaria ramosa*" fide Stapf, Fl. Trop.
Afr. 9: 564.

Panicum pabulare Aitch. & Hemsl. Journ. Linn. Soc. Bot.
19: 190. 1882.

"Between Thal and Chapri, also on Tór-ghar hill."
Afghanistan.

Digitaria sanguinalis var. *pabulare* Hook.f. based
on this.

Panicum pachystachys Franch. & Sav. Enum. Fl. Japon
2: 162, 594. 1879.

Japan. "Hab. in areosis humidis: Nippon, ad promon-
torium Mela prope Yokoska (Savatier, n. 1447); in
cultis regionis submontanae tractus Niko (id., n.
2237, 2329)."

Basis of *Setaria pachystachys* (Franch. & Sav.)
Franch & Savi ex Matsum.

Panicum pacificum Hitchc. & Chase, Contr. U. S. Nat.
Herb. 15: 229. f. 241. 1910.

"U. S. National Herbarium no. 592751, ----in moist
places in woods, ----Castle Crag, Shasta County,
California, by A.S. Hitchcock (no. 3070)."

Man. U. S.

Panicum pacificum Tuzama, Bot. Mag. Tokyo 51: 127. 1937
Not Hitchc. & Chase 1910.

"Ins. Mahazima, Okiko (leg. T. Tuzama, Nov. 24, 1935--
Typus in Herb. Univ. Imp. Tokyo.)"

Japan

Panicum Palackyanum A. Camus, Bull. Soc. Bot. France
77 (1930): 638. 1931.

"Madagascar: massif d'Andringitra(Ferrier de
la Bathie, no. 13748)."

Panicum palauense Ohwi, Bot. Mag. Tokyo 55: 544. 1941.

"Palau (R. Kanehira et S. Hatusima n. 4851, typus),
do. (R. Kanehira et S. Hatusima n. 4898)."

Caroline Isl. Micronesia, Asia

Panicum pallens Swartz, Prodr. Veg. Ind. Occ. 23. 1788.

"Jamaica."

Basis of *Ichnanthus pallens* (Sw.) Munro

Panicum pallens Swartz misappl. by Cham. & Schlecht.
Linnaea 6: 35. 1831, without descr.

"H. W. no. 18755 -- Jalapae in sylvis."

Mexico

Panicum pallens *angustifolium* Rupr. Bull. Acad. Brux.
9^e: 240. 1842, nom. nud.; Fourn. Mex. Fl. 2: 30.
1881, as syn. of *P. schlechtendalii* Fourn.

Viril. 1302. San Luis de Potosi. 5708 & 5715.
Galeotti, Mirador. 153 Botteri Orizaba, Schaffner,
Mirador. 897 Schiede, Jalapa.
Galeotti 5708, 5715 Mex. (in 1st. citation)

Panicum pallens var. *grandiflora* Trin. ex Nees, Agrost.
Bras. 137. 1829, as syn. of *P. pallens* var. *majus*
Nees.

Herb. name---short description. Probably taken from
label of Trinius'

"In umbrosis humidis 4-6 pedale, gluma inferiori longe
caudata, a Langsdorff. (Herb. Acad. Imp. Petropol.
et Trin."

= *Ichnanthus*

Panicum pallens var. *majus* Nees, Agrost. Bras. 137. 1829.

"in Brasiliae sylvis (V. in Herb. ol. Trin.:
'*P. pallens* var. *grandiflora*'..." first cited.

= *Ichnanthus*

see *P. pallens* var. *grandiflora* Trin. ex Nees.

Brazil

Panicum pallens var. *Swartzii* Nees, Agrost. Bras. 137.
1829.

"Habitat: in nemorosis herbis Jamaicae (Swartz,
Richard), in S. Domingo. (V. in Herb. ol. Trin.)..."

Jamaica and Santo Domingo

= *Ichnanthus pallens*

Panicum pallide-fuscum Schumacher, Beskr. Guin. Fl. 78.
1827.

"Guinea, Africa." [Thomning and other Danish
botanists--from title]

Panicum pallidifolium Desv. Opusc. 85. 1831.

"Habitat in America calidiori?"

Panicum pallidum Peter, Abh. Ges. Wiss. Göttingen Math. Phys. Kl. N. F. 13: 45. 1928, in key in German.

See also: Peter, Repert. Sp. Nov. Fedde Beih. 40: 170, 176 & Anhang, 26, pl. 8. f. 3. 1930.

"Deutsch-Öst. Afr. [South] Pare: Succulenten--Buschpori westl. Makania...(Peter 12274)."

Panicum palmaefolium Koen. Naturforscher 23: 208. 1788.
[see palmifolium Willd.]

"In Siam, however, grows a *Panicum* which has such sulcate (gefurcht) leaves, as are the first leaves of Palm species. This is man-high, and I have named it, because of the leaves *Panicum palmaefolium*; it might however, more fitly than the other [*Panicum arborescens* L.] be called *P. arborescens*."--translation

= *Setaria*

§ *Ptychophyllum*

Panicum palmatum Hort. ex Schleich. in Moell. Deutsch. Gärtner-Zeit. 48: 351, text f. 1933.

"*Panicum palmatum* ist raschwachsend und mehrjährig. Wie schon der Name sagt, trägt dieses Hirsengewächs einen ausgeprägt palmenartigen Charakter. Das nebenstehende Lichtbild zeigt am besten, dass sich wahre Schaupflanzen im Topf heranziehen lassen, und was die Hauptsache ist, mit geringen Aufwendungen an Zeit und Heizmaterial. Das abgebildete Exemplar dieses *Panicum* ist ohne Topf gemessen 1 m hoch und 1.20 m breit. Die gefalteten Blätter sind ziemlich hart und erinnern an junge Phönixtriebe. (Signed) R. Schleicher, Obergärtner in den Samenkulturen von M. Herb, Neapel (Italien)."

Hort. Cult. Italy

Panicum Palmeri Vasey, Contr. U. S. Nat. Herb. 1: 281. 1893.

"Collected by Dr. Edward Palmer at Tequila in 1886."
= *Ixophorus unisetus* (Fresl) Schlecht.

Panicum palmifolium Willd. ex Poir. in Lam. Encycl. Suppl. 4: 282. 1816. [See palmaefolium Koen.]

Given as *P. palmifolium* Willd. [Willd.'s diagnosis copied] Bnm. Hort. Berol. 2, pag. 1033--"Non Lam. Encycl." (V. s. in herb. Desfont.)--A.C.

"Willd. Hort. Berol. 2: 1033 uses the name *Panicum plicatum* (without author). The diagnosis copied by Poir. is given under this name. The name *palmifolium* does not occur in Willd."

= *Setaria palmifolia* (Koen.) Stapf

Article on anatomy of leaf in Bull. Torrey Club 59: 491-499. 1932. Ind. Or.

Panicum paludicola Nees, Agrost. Bras. 179. 1829.

"*Panicum palustre* Trin. in litt" cited as syn.

"*Panicum donacifolia* Raddi Agrost. Bras. p. 447" also cited.

Nees' description agrees with specimens of *Hymenachne donacifolia* (Raddi) Chase. In U.S. Nat. Hb. is specimen [975901] named "*Panicum paludicola* NE (Trin.) Riedel, Brasilia, panicle and 2 auriculate leaves only which agree perfectly with Nees' description, and may be duplicate of specimen he described.

Panicum paludicola Nees misappl. by Steud. ex Griseb. Fl. Brit. W. Ind. 547. 1864, as syn. of *P. fuscum*.

"*P. paludicola* Steud.: the Guadeloupe plant (non Nees)"

Panicum paludivagum Hitchc. & Chase, Contr. U. S. Nat. Herb. 15: 32. f. 13. 1910.

"U.S. National Herbarium no. 207685---'in water'. ---Bastie, Lake County, Florida, by George V. Nash (no. 746)."
Man. U. S.

Panicum paludosum Roxb. Hort. Beng. 8. 1814, without descr.; Fl. Ind. ed. Carey. 1: 310. 1820.

"It grows generally in sweet water amongst the Circar mountains."

India

Panicum paludosum Hochet. ex A. Rich. Tent. Fl. Abyss. 2: 373. 1851, as syn. *P. aquaticum* Rich. Not Roxb. 1820.

= *P. hygrocharis* Steud. fide Stapf

Panicum palustre Trin. Gram. Pan. 181. 1826.
V. spp. Brasil. (Langsdorff.)

"*Panicum paludicola* N. ab. Es. in litt." cited as syn.; this published in Agrost. Bras. 179. 1829.

= *Hymenachne donacifolia* (Raddi) Chase

Trin. Icon. pl. 218, shows plate of *H. donacifolia* (immature spikelet) named "*Panicum frondescens* Meyer (*Panicum palustre* Tr. Diss II p. 181)" this same as Gram Pan.

Panicum Pammel Ashe, Bull. W. C. Agr. Exp. Sta. 175: 116. 1900.

"Prairies of Iowa." [Cratty in 1881]

= *P. perlongum* Nash Man. U. S.

Panicum pampinosum Hitchc. & Chase, Contr. U. S. Nat. Herb. 15: 66. f. 48. 1910.

"U. S. National Herbarium no. 592754,---altitude 2600 feet, Wilmot, Arizona, by Prof. J. J. Thornber. (no. 193)."
Man. U. S.

Panicum pamplemoussense Steud. Syn. Fl. Glum. 1: 71. 1854.

"Urville legit ad Pamplemousse Ins. Mauriti."

= *Panicum maximum* fide Stapf

Indian Ocean

Panicum pandum Swallen, Brittonia 3: 150. 1939.

"Tate 1287, 2200 m." Mount Auyan-Tepui, Venezuela.
South America

aff. *Panicum hirtum* Lam.

Panicum pangerangense Zolling. ex Steud. Syn. Fl. Glum. 1: 95. 1854.

"In monte Pangerango, Java"

....."Moritz (Verz. p. 162. Hrbr. nr. 1917. sub *Isachne*."

= *Isachne pangerangensis* Zoll. & Mor.

Panicum panicoides (Beauv.) Hitchc. Journ. Washington Acad. Sci. 9: 551. 1919.

Based on *Urochloa panicoides* Beauv.

Ile-de-France (Reunion) (Jussieu)

Panicum paniculatum (L.) Kuntze, Rev. Gen. Fl. 33: 363. 1898.

Based on *Paspalum paniculatum* L. without regard to identity. See A.S.H. Contr. U. S. Nat. Herb. 12: 116. 1908.

Nash, Bull. Torr. Club 30: 381. 1903. Makes same comb. on same basis misapplying it to *P. fasciculatum* Sw. See A.S.H. l.c.

Jamaica

Panicum paniculiferum Steud. Syn. Fl. Glum. 1: 54. 1854.

= *Setaria paniculifera* (Steud.) Fourn.

"Oaxaca." [Galeotti 5858]

Mexico

Panicum pansum Rendle, Cat. Afr. Fl. Welw. 20: 177. 1899.

"Colungo Alto.....By the road in sandy sunny places between Cambondo and Luinha[Welwitsch.] No. 7261. [first cited]

Angola, Africa

Panicum pantrichum Hack. Verh. Zool. Bot. Ges. Wien 1915: 72. 1915. (Mar.)

"Rio Grande do Sul, Fazenda Leitão, Municipio Rio Pardo,leg. C. Jürgens."
T
Brazil

Panicum papillosum Fenzl ex Steud. Syn. Fl. Glum. 1: 100. 1854, as syn. of *Helopus trichopus* Hochet.

= *Panicum trichopus* Hochet.

§ *Urochloa*

Panicum pappophorum Nees, Agrost. Bras. 104. 1829.

"Habitat in campis, mimosa dictis, provinciae Piahiensis."

Brazil

= *Mesosetum pappophorum* (Nees) Kuhl.

Panicum pappophorum var. *rigidius* Doell in Mart. Fl. Bras. 2: 175. 1877.

Based on *Panicum pappophorum* Nees

"*P. foliis, praeter margines, glabris culmoque firmioribus.*"

"ad Joazeiro.....S. Francisci fluvium....Brazil."

= *Mesosetum multicaule* Swallen

Panicum pappophorum var. *tenerius* Doell, in Mart. Fl. Bras. 2: 175. 1877.

Based on *Panicum pappophorum* of Nees--1.0. species itself!

= *Mesosetum pappophorum* (Nees) Kuhl.

"provinciae Piahiensis"
[Brazil]

Panicum papposum R. Br. Prodr. Fl. Nov. Holl. 192. 1810.

"(T.) Littora Novae Hollandiae intra tropicum."

= *Digitaria papposa* (R. Br.) Beauv.

Australia

Panicum papposum var. *leiostachyum* Benth. Fl. Austral. 7: 469. 1878.

Based on "*P. autumnale* P. Muell." Not Bosc.

[changed to *Digitaria Benthiana* Henr.]

Australia

Panicum papuanum Mez, Bot. Jahrb. Engler 56 (Beibl. 125): 6. 1921.

"Insel Waighiou (Lesson)." Isl. off N. W. coast of New Guinea = Waig-eoe

Panicum paractaenoides Trin. Mem. Acad. St. Pétersb. VI. Sci. Nat. 1: 219. 1834.

"V. sp. e. Krabbeneiland." [Crab Island]

= *Setaria setosa* (Swartz) Beauv.
Man. Grasses W. I.

Isl. Vieques, near Puerto Rico

Panicum Paractaenium Kunth, Rev. Gram. 1: 41. 1829.

Based on "*Paractaenium Novae Hollandiae* Beauv."

" " " " " "

Australia

Panicum paradoxum R. Br. Prodr. Fl. Nov. Holl. 193. 1810

(J.) "apud Fortum Jackson, inclusis ripis aestivali Hunter's River vel Coal River." R. Brown

Basis of *Chamaeraphis paradoxa* (R. Br.) Poir. and of *Pseudoraphis paradoxa* (R. Br.) Pilger.

Australia

Panicum paradoxum Roth ex Steud. Syn. Fl. Olum. 1: 75.
1854, not R. Br.; as syn. of *P. abludens* Roth.

Ind. or.

Panicum paraguayense Steud. ex Doell in Mart. Fl. Bras.
23: 189. 1877, as syn. of *P. numidianum* Lam.

"*Panicum Paraguayense* Steudel in plantarum Renggeri
schedulis, teste specimenas authenticos."

= *P. purpurascens* Raddi
H. & C. *Panicum* Ma. U. S.

Panicum parapaurochaetium A. Camus, Bull. Soc. Bot.
France 108: 162. 1961.

Madagascar: Ankarana du Nord (prov. de Diégo-Suarez),
collines et plateaux calcaires: forêt tropophile;
alt. 30-350 m. (Humbert, 1959-60).-- A été récolté en
partie avec Cours.

Panicum parviflorum Steud. Syn. Fl. Olum. 1: 45. 1854.

"*Oplismenus hirtiflorus* Presl...Acapulco."
Rel. Haenk. 1: 320--"error for rariflorus"

= *Oplismenus rariflorus* Presl.

Panicum parvum Hitchc. & Chase, Contr. U. S. Nat. Herb.
15: 68. f. 53. 1910.

"U.S. National Herbarium no. 491378, collected
October 9 to 15, 1891, on 'mountain side---', Lodiago,
on the Culiacán River, Sinaloa, Mexico, by Edward
Palmer (no. 1657)."

Mexico

Panicum Parlatores Steud. Syn. Fl. Olum. 1: 40. 1854.

"Parlat. Fl. nov. 39. Ins. Canar." Africa

= *Digitaria nodosa* Parl.

Panicum parviflorum R. Br. Prodr. Fl. Nov. Holl. 192.
1810.

(J.) "apud Portum Jackson, inclusis ripis aestuarii
Hunter's River vel Coal River."

= *Digitaria parviflora* (R. Br.) Hughes

N. S. Wales, Port Jackson, Brown 6116. fide
Hughes

Panicum parviflorum Lam. ex Spreng. Syst. Veg. 1: 321.
1825, as syn. *P. imbellis* Spreng. Not R. Br.

"(*P. parviflorum* Lam. W. herb.)"

Patria?

Panicum parviflorum var. *pilosum* Benth. Fl. Austral.
7: 471. 1878.

"Moreton Bay, Bailey"

Digitaria
Australia

Panicum parviflorum var. *verticillare* Domin, Bibl. Bot.
85: 296. 1915.

"Nordost-Queensland: bei Harveys Creek (Domin, XII.
1909)."

Australia

Panicum parvifolium Lam. Tabl. Encycl. 1: 175. 1791.

"Ex Amer. merid. communic. D. Richard."

S. Amer.

Panicum parvifolium var. *serpens* (Kunth) Fiori, Fl. Anal.
Ital. 1: 50. 1896.

Based on "*P. serpens* Kth.," presumably *Panicum serpens*
Kunth, Rev. Gram. 1: 58. 1829, without descr. "*P. pygmaeum*
Spreng. excl. syn. Brown--Insulae Rar. Franciae et Bourboniae"
cited.

Africa

Panicum parviglume Hack. Oesterr. Bot. Zeitschr. 51: 429. 1901

"Costarica; in ripis fl. Rio Torres prope S. José

(Pittier 9080), prope S. Francisco de Guadalupe

(Tondus 8448)."

Central America

Panicum parvipaniculatum Ashe, Journ. Elisha Mitchell Soc.

16: 87. 1900.

"Collected May 20, in Onslow County, N. C. Type material
is preserved in my herbarium." [Ashe in 1899]

= *P. ensifolium* Baldw. Man. U. S.

Panicum parvispiculum Nash, Bull. Torrey Club 24: 547. 1897.

"Type collected by Dr. John K. Small at Darien Junction,

McIntosh Co., Ga., June 25-27. 1895."

= *P. leucothrix* Nash Man. U. S.

Panicum parvispiculum Ohwi, Bull. Tokyo Sci. Mus. no. 18:

15. 1947. Not Nash, 1897.

"Borneo (W. Koetaj, Mosara Antjalceng, 15 m., Endert
2124, in Herb. Bogor.)."

Compare with *P. Archboldii* and *P. mindanense* Merr.

[*Panicum Ohwi* Beetle, Leaflets Western Bot. 6: 162. 1951

(Nov.) based on this.]

Panicum parvulum Trin. Mém. Acad. St. Pétersb. VI. Sci.
Nat. 1: 205. 1834.

[racemes 2, spikelets subminute, lance-elliptic,
acutiusculis pubescent-villous, gl. 1 wanting, 2 =
floret; blades lance-linear, distichous-spreading,
brevisculis glabrous or with scattered hairs]

"V. sp. Ind. or." not in Henr.

= *Digitaria*
East Indies

Panicum parvulum Muhl. ex Scribn. & Merr. U. S. Dept. Agr.

Div. Agrostr. Circ. 27: 4. 1900, as syn. of *P. tenue*

Muhl. Not Trin. 1834.

= *P. tenue* Muhl. Man. U. S.

Panicum parvum Buse in Miquel, Fl. Jungh. 575. 1854.

"Habitat insulam Javae prope Weltevreden J. C. G. v. D.

Bosch. in herb. clar. de Vriese."

Malay Archipelago

Panicum paspaliforme Presl, Rel. Haenk. 1: 296. 1830.

"Hab. in Ceruviae montanis huanococcensibus." Haenke

= *Paspalum distichum* L.

Panicum paspaloides Pers. Syn. Fl. 1: 61. 1805.

Based on "*Pan. Briscoides* Lam.," descr. of which is copied
by Persoon.

India

Panicum paspaloides Hayata, Journ. Coll. Sci. Univ. Tokyo 30: 401.
1911. Not Pers. 1805.

"Garanbi, leg. T. Kawakami, 1904, Oct."

Formosa

Panicum patagonicum Hieron. Bol. Acad. Cienc. Córdoba 3:
577. 1891.

"en los medanos de la boca del Rio Negro y de la costa del
Océano Atlántico."

Dr. D. Carlos Berg, collector. Patagonia

aff. *P. urvilleanum* Kth.

Panicum patens L. Sp. Fl. 58. 1753.

"In India; similis e Lusitania."

[if in Portugal, must be cult.]

= *Cyrtococcum patens* (L.) A. Camus
India

Panicum patens L. misappl. by Burm.f. Fl. Ind. pl. 10.
f. 2. 1768.

India

Panicum patens L. misapplied by Bojer, Hort. Maurit. 365.
1837.

Mauritius

Panicum patens Hochst. ex Steud. Syn. Fl. Olum. 1: 90.

1854, as syn. of *P. hochstetteri* Steud. Not L., 1753.

"Hochst. Hrbr. un it. Abyss. nr. 115" not L.

"*P. trichanthum* Rich. Fl. Abyss. II. 375." @

Abyssinia

= *P. hochstetteri* Steud. fide Stapf

Panicum patens var. *latifolium* (Honda) Honda, Journ. Fac. Sci.
Univ. Tokyo Sect. III, Bot. 3: 252. 1950.

Panicum patens f. *latifolium* Honda in Tokyo Bot. Mag.

37: 25. 1925.

Formosa, Liukiu

Panicum patens f. *latifolium* Honda in Tokyo Bot. Mag. 37: 25. 1925

"*Panicum patens* (non L.) Matsumura, Ind. Fl. Jap. II. 1. (1905)

p. 71 p.p.; Matsumura et Hayata, Enum. Fl. Formos. 1906, p.
504, "p.p."

Hab. Liukiu: Onnah (K. Miyake ann. 1899).

Formosa: Koshun, Kurarusha (T. Kawakami, ann. 1904). Bun-
sanpo (no. 537 ann. 1905); Ako "ongarisha (O. Nakahara
no. 515, an. 1905).

Panicum patens var. *parvulum* Warb. ex Mes in Perkins,

Fragm. Fl. Philip. 2: 143. 1904, as syn. of *P.*

warburgii Mes.

Philippine Islands

Panicum patens var. *warburgii* Hack. ex Merrill, Philip.

Journ. Sci. 1 (Suppl. 5): 362. 1906.

"Hack. in herb."

Philippine Islands

Panicum patentifolium Nash, Bull. Torrey Club 28: 574.
1899.

"Type collected by the writer at Eustis, Lake Co.,

Florida, March 12-31, 1894. no. 72." Nash

= an. U. S.

Panicum patentissimum Desv. ex Poir. in Lam. Encycl.

Suppl. 4: 285. 1816.

"Cette plante croît à Saint-Domingue & à la Nouvelle-
Espagne. (V. s. in herb. Desv.)"

= *P. millegrana* Poir.

Panicum patentissimum Roem. & Schult. Syst. Veg. 2: 449.

1817. Not Desv., 1816.

Based on *P. divaricatum* Michx., description of which is copied.

Carolina, U. S.

= *Festuca obtusa* Bialer. Man. U. S.

Panicum patulum (Scribn. & Merr.) Hitchc., Rhodora 8: 209. 1906.

Based on *P. Nashianum* var. *patulum* Scribn. & Merr.

"Braidenton" [Bradenton], Fla. (Combs 1298)

Man. U. S.

Panicum patulum Mes, Notizbl. Bot.-Gart. Berlin 7: 64.

1917. Not Hitchc. 1906.

"Novo-Caledonia, peninsula Noumea (Balansa n. 3588)."

Panicum pauciciliatum Ashe, Journ. Elisha Mitchell Soc. 16: 87. 1900.

"Collected by me May 20, 1899, ---near Wilmington, N. C." Ashe

= *P. portoricense* Desv. Man. U. S.

Panicum pauciflorum R. Br. Prodr. Fl. Nov. Holl. 191. 1810.

"(T.) Littora Novae Hollandiae intra tropicum." R. Brown

Basis of *Ichnanthus pauciflorus* (R. Br.) Hughes -- this referred to *Panicum pauciflorum* R. Br. by Lazar. Australian Journ. Bot. 7: 333. f. 5, 6. 1959.

Australia

Panicum pauciflorum Ell. Bot. S. C. & Ga. 1: 120. 1816. Not R. Br., 1810.

"type of *P. oligosanthos* Schult."

"In Georgia"

= *P. oligosanthos* Schult. Man. U. S.

Panicum pauciflorum Bosc ex Spreng. Syst. Veg. 1: 313. 1825, as syn. of *P. pubescens* Lam. Not R. Br., 1810, nor Ell., 1816.

= *P. scoparium* Lam. Man. U. S.

Panicum pauciflorum Willd. ex Spreng. Syst. Veg. 1: 312. 1825, as syn. of *P. pygmaeum* R. Br. Not R. Br. 1810 nor Ell., 1816.

Cited as "*W.*[Willd.] herb."

Panicum pauciflorum Bory ex Nees, Agrost. Bras. 236, 1829. Not R. Br., 1810, nor Ell., 1816, as syn. of "*P. repens* Nees var. *α pubescentibus*"

"Bory de S. Vinc (nomen ob *P. pauciflorum*, R. Br. mutandum.)"

Panicum pauciflorum var. *fastigiatum* Benth. Fl. Austral. 7: 483. 1878.

"Upper Victoria River, F. Mueller; in the interior M'Dougall Stuart; near Alice springs, Giles."

Referred to *Panicum australiense* Domin by Lazar, Australian Journ. Bot. 7: 333. f. 2. 1959.

Australia

Panicum paucifolium Swallen, Contr. U. S. Nat. Herb. 29: 417. 1950.

Type in the U. S. National Herbarium, No. 1935372, collected on rocks in pine forest, Santa Ines, Department of Morazan, Honduras, altitude 900 meters, July 19, 1947, by Antonio Molina R. (No. 348).

Panicum pauciciliatum Ashe, Journ. Elisha Mitchell Soc.

16: 87. 1899. Error in Ind. Kew. for *P. pauciciliatum*.

= *P. portoricense* Desv.

Panicum paucinode Stapf in Frain, Fl. Trop. Afr.

9: 692. 1920.

"Upper Guinea. Northern Nigeria: abundant in bush near Yola, Dalziel, 270!"

Africa

Panicum paucipilum Nash, Bull. Torrey Club 26: 573. 1899.

"Type collected by Mr. E. P. Bicknell, at Wildwood, New Jersey, May 30 and 31, 1897."

= *P. spretum* Schult. Man. U. S.

Panicum paucisetum Steud. Syn. Fl. Glum. 1: 52. 1854.

"Hrbr. Goering. Sect. II. nr. 448. Japonia."

Japan

Panicum paucispicatum Morong, Ann. N. Y. Acad. Sci.

7: 262. 1893.

Paraguay, Morong 1573

Panicum pauperulum Steud. Syn. Fl. Glum. 1: 58. 1854.

"Leprieur legit in Senegambia"

Africa

Panicum Pavonii Mez, Bot. Jahrb. Engler 56(Beibl. 125): 5. 1921.

"Peru (Pavon)."

Panicum Pearsonii Bolus, Ann. Bolus Herb. 1: 107. 1915.

"Central Karasberg. Sandstone plateau on summit of Long Hill, East of Kral Kluit, 8518. [S. W. Africa] Percy Sladen memorial Exped. Coll."

Panicum pectinatum Rendle, Trans. Linn. Soc. Bot. II.

4: 54. pl. 10. f. 1-6. 1894.

"Hab. Milanji, ...No. 10. Mr. Alexander Whyte, Collector."

Nyasa-land Africa

Panicum pectinellum Stapf in Frain, Fl. Trop. Afr.

9: 720. 1920.

"South Central. Belgian Congo: Katanga; near Elisabethville, on dry wooded ground, Homble, 54!"

Africa

Panicum pedicellare (Trin.) Hack. Philippine Journ. Sci. Bot. 1(Suppl.): 4. 268. 1906.

Based on *Paspalum pedicellare* Trin.

India

Digitaria

Panicum pedicellatum Vasey, U. S. Dept. Agr. Div. Bot. Bull. 8: 28. 1889.

"Texas, J. Reverchon" [Kimble County]

Man. U. S.

Panicum pedunculare Willd. ex Steud. Nom. Bot. ed. 2.

2: 260. 1841; ex Steud. Syn. Fl. Glum. 1: 77. 1854.

"Brasil." "Willd. hrbr."

= *P. cayennense* Lam. H. & C.

Panicum pedunculatum Torr. Fl. North. & Mid. U. S.

1: 141. 1823.

"On the Island of New York"

= *P. clandestinum* Man. U. S.

Panicum peladoense Henr. Blumea 4: 504. 1941.

"Paraguay: Cerro-Pelado, prope Paraguari, 3 avril 1883, leg. B. Balansa no. 4357. Typus speciei in Herb. Lugd. Bat. sub no. 908, 93-2087."

Panicum pellitoides Brown & St. John, Oococ. Papers

Bishop Mus. 10¹²: 3. f. 1. 1934.

"Island of Hawaii....Pu'u Papapa, Waikoloa, South Kohala, June 16, 1932, G. R. Ewart 3rd no. 257 (type in Bishop Mus.)."

T

Panicum pellitum Trin. Gram. Pan. 198. 1826; Gram.

Icon. 2: pl. 237. 1829.

"V. spp. ex Inss. Sandw. (Chamisso)"

Hawaii

Panicum pellitum var. *pseudagrostis* (Trin.) Nees, Nov.

Act. Acad. Caes. Leop. Carol. 19: Suppl. 1: 37. 1841. 169. 1843.

"*Panicum Pseudagrostis* Trin." Nees, 1829.

Maul. Hawaii Isle.

Panicum Penconum R. A. Phil. Anal. Univ. Chile 93: 713. 1896.

"Primum inveni in praedio orn. Joh. Gabler Chiguayanti dicto prope Concepcion, deinde de Constitucion attulit Paulus Ortega." [Chile]

Panicum penicillatum Nees in Trin. Gram. Pan. 196. 1826

"V. spp. Brasil. (Langsdorff.)"

P. discolor = this

Panicum penicillatum Nees, Agrost. Bras. 145. 1829.

Not Trin. 1826.

Two unnamed vars. "Habitat et in Brasilia australiori, (Sellow.); in umbrosis sylvaticis, (d Langsdorff.)"

= *Ichnanthus bambusiflorus* (Trin.) Doell.

Panicumpenicillatum Willd. ex Nees, Agrost. Bras. 242.

1829. Not Nees l.o. 145, nor 1826.

Setaria

Panicum penicilligerum (Speg.) Hack. in Kneuck. Allg.

Bot. Zeitschr. 8: 93. 1902. "Hack. nom. ined."

Based on *Leptocoryphium penicilligerum* Speg.

Comb. remade: Hack. in Kneuck. Allg. Bot. Zeitschr. 20: 162. 1914. based on "*P. insulare* (L.) Mayer var. *penicilligerum* Hack. in Ann. Mus. Nac. Buen. Air. XI, p. 70(1904)"

Missiones. Resistencia. Argentina

Panicum peninsulanum Steud. Syn. Fl. Glum. 1: 44. 1854.

"*P. compositum* Rottl. hrbr. Peninsul."

"Ind. or."

India

= *Oplismenus*

Panicum pennatum Hochst. Flora 38: 197. 1855.

"(Hb. abyss. Buch. nr. 1497.)." [Schiaper Coll. in 1853]

Africa

= *Digitaria pennata* (Hochst) Chiov.

Panicum Pennisetum Roth, Nov. Fl. Ind. Orient. 55. 1821.
[spelled penisetum]

"Prof. Merteus---Essequibo."

British Guiana

Not in A.S.H. Eur. Notes

Panicum pensylvanicum Spreng. Nachtr. Bot. Gart. Halle
1: 30. 1801.

(See also Spreng. Mant. Fl. Hal. 1: 31. 1807.)

"E. Pennsylvania"

= *P. anceps* fide Willd.
Under Unidentified Names in Man. U. S.

Panicum perakense (Hook.f.) Merr. Philippine Journ. Sci.
Bot. 11: 52. 1916.

Based on "*Panicum humidorum* var. *perakense* Hook.f."

Malay Peninsula

Panicum perdensum Steud. Syn. Fl. Glum. 1: 65. 1854.

"Deloche lecto in Montevideo"

T = *Hymenachne amplexicaulis*

Uruguay

Panicum peregrinum Steud. Syn. Fl. Glum. 1: 63. 1854.

"P. sparsum Nees Mpt. Pet. Th. in Willd. hrbo. sine loco natali"

Africa?

T coll ?

Panicum perfoliatum Nees, Agrost. Bras. 142. 1829.

"Habitat in sylvaticis umbrosis ad flumen Amazonum
ejusque confluentes provinciae Paraënsis et Fluminis
Nigri passim."

= *Panicum asperifolium* (Desv.) Hitchc.

Panicum perforatum Nees, Agrost. Bras. 126. 1829.

§ Perforata

"Habitat in Brasilia meridionali (Sellow.; V. in
Herb. Reg. Berol.)"

Panicum!

Panicum pergracile Chiov. Fl. Nov. Minus Not. Aethiop.
24. 1928, as syn. of *Sacciolepis pergracilis* Chiov.

Panicum perlaxum Stapf in Thiseit.-Dyer, Fl. Cap. 7: 400
1899.

Coast Region: Albany Div.; Coldspring near Grahams-
town, Flanagan, 766!

Eastern Region: Tembuland; near Morley,....Drège!
Natal, coastland, Sutherland!"

So. Africa

Panicum perlongum Nash, Bull. Torrey Club 26: 575. 1899

"On prairies and dry soil, Illinois to North Dakota,
south to Indian Territory. Type collected in Indian
Territory at Creek Nation, by M. A. Carl[e]ton,
April 25, 1891, No. 98."

Man. U. S.

Panicum pernambucense (Spreng.) Mez ex Pilger in Engl.
& Prantl, Pflanzenfam. ed. 2. 14e: 15. 1940.

Based on *Agrostis pernambucensis* Spreng.

Pernambuc. Brasil.

Panicum pernervosum Nash, Bull. Torrey Club 26: 576.
1899.

"Type collected by Elihu Hall in woods at Houston,
Texas, April 16, 1872, no. 830."

= *P. helleri* Nash Man. U. S.

Panicum perpusillum Nees ex Steud. Syn. Fl. Glum.
1: 96. 1854.

"Ceylon"

Panicum perpusillum Benoist, Bull. Mus. Nat. D'Hist.
Nat. (Paris) 22: 277. 1950.

Not Nees ex Steud., Syn. Fl. Glum. 1: 96. 1854.

Guyane française: savane près de Gourdonville, 27
juillet 1914, Benoist 1493; même localité 1 août 1914,
Benoist 1528.

French Guiana

Panicum Perrieri A. Camus, Bull. Soc. Bot. France
72: 371. 1925.

"Madagascar centr.: Massif d'Andringitra, bord des
eaux....(Perrier de la Bâthie, no 13,694)."

Panicum perrottetii Kunth, Rév. Gram. 395. pl. 111.
1831.

"Crescit in Senegalia, prope Walo."

Basis of *Digitaria perrottetii* (Kunth) Stapf.

Africa

Panicum persicum Jensch. ex Trautv. Acta Hort. Petrop.
9: 358. 1884, nom. nud.

Persia

Panicum pertense (Buse) Boerl. Ann. Jard. Bot. Buitenzorg
8: 51. 1890.

Based on *Digitaria pertensis* Buse

= " " "
Sumatra Ins. prope Padang (Jungh.)

Panicum pertense var. *glabra* Boerl. Ann. Jard. Bot.
Buitenzorg 8: 51. 1890.

"Buitenzorg (au mois de févr.)." "M. Treub had col-
lected dans les premiers mois de cette année [1890]
par un ouvrier du Jard. Bot."

= *Digitaria*

Panicum Peteri Eichgr. ex Peter, Abh. Ges. Wiss. Göt-
tingen Math. Phys. Kl. N. F. 13²: 110. 1928, nom.
nud.

In: Bot. Jahrb. Engler 68: 140. 1937, Peter refers
this to *Panicum curvatum* L.

"Mlinga Gebirge. Handel. Ousambara. Useguha.
Usaramo."

Africa

Panicum Peteri Pilger in Engl. & Prantl, Pflanzenfam.
ed. 2. 14e: 20. 1940. Not Eichgr. 1928, nom. nud.

Based on "*Polyneura squarrosa* Peter."

Africa

Panicum petersonii Hitchc. & Ekman, U. S. Dept. Agr.
Misc. Publ. 243: 263. f. 220. 1936.

"Type in the U.S. Nat. Herb. no. 1296166, collected
in temporarily flooded places, Menioza, prov. Pinar
del Rio, Cuba, Nov. 16, 1923, by E. L. Ekman (no.
18085)."

Man. W. I.

Panicum petiolatum Nees, Agrost. Bras. 140. 1829.

"Habitat in udis ad Guaratingueta, in vicinia Parai-
bae fluminis, provinciae S. Pauli." Martius

T = *Ichnanthus nemoralis* (Schrad) H. & C.

Brazil

= *Ichnanthus*

Panicum petiolatum Desv. Opusc. 93. 1831. Not Nees,
1829.

"Mem. Soc. agr. Sc. et Arts d'Angou 1. p. 197."
[See notes at beginning of Opusc.]

"Habitat in Brasillio."

= *Ichnanthus*

Panicum Petiverii Trin. Gram. Pan. 144. 1826.

"V. spp. Ind. or. (Herb. Antiqu. cum schedula auto-
grapha Petiverii.---Lindley.)"

Panicum Petiverii Trin. misappl. by Thwaites, Enum. Fl.
Zeyl. 359. 1864, without descr.

"(N. ab Es. in Mart. Bras. 11 p. 111; Kth. [Enum.]
p. 91, cum syn.)--c.p. 895. Hab. Damboul, Gardner,"
cited.

Ceylon

Panicum Petiverii Kotschy ex Griseb. Fl. Brit. W. Ind.
545. 1864, as syn. *P. colonum* L. Not Trin. 1826.

P. colonum L. = *Echinochloa colonum* (L.) Beauv.

Panicum Petiveri var. *nudiglume* (Hochst.) Chiov. Ann.
Ist. Bot. Roma 8: 303. 1908.

Based on *P. nudiglume* Hochst.

Africa, prov. Cordofan....(Kotschy)

Panicumpetiveri var. *puberulum* Chiov. Ann. Ist. Bot.
Roma 8: 302. 1908.

Colonia Eritrea. Africa.

Arcipelago Dahalak: I. Sciomma (Tellini, n. 61).

Assaorta: Monte Dijot... (Pappi n. 5700); torrente
Ghedem... (Tellini, n. 192); Embere... (Tellini
n. 22)... torrente Haddas... (P. n. 2631).

Amasen: Moncullo-Mai Atal... (Tellini n. 1036); Mai
Atal... (Tell. n. 1398); Mai Atal-Dongollo... (Tell.
n. 1588); Dongollo presso Ghinda... (P. n. 4183);
tra Mai Atal e Sabarguma... (Tell. n. 742); pianura
di Sabarguma, (P. n. 4006).

Beni Amer.: Monte Damba (P. n. 5933, 6031)

Dembelas: Lungo il Mai Makatar... (P. n. 6061).
[P. = Pappi]

Panicum petiveri var. *robustissimum* Chiov. Ann. Ist.
Bot. Roma 8: 32. 1903.

"Assaorta: Monte Urug m. 2547 circa 22. III. 1893
(P. n. 3418)."

[Pappi]

Colonia Eritrea, Africa.

Panicum petrense Swallen, Mem. N.Y. Bot. Gard. 9: 259.
1957.

Type: abundant in moist sand on exposed rocks, 15 km.
above San Fernando de Atabapo, Rio Atabapo, Rio
Orinoco, Amazonas, Venezuela, Oct. 17, 1950, Bassett
Maguire 29259; U.S. National Herbarium no. 2,040,198.

[in *Panicum granuliferum-micranthum* complex]

Panicum petrosum Trin. Gram. Icon. 3: pl. 280. 1831.

"Figura ad specimen Brasilianum."

= *Thrasya petrosa* (Trin.) Chase
type species of *Tylothrasia* Doell.

Panicum petrosum var. *mollis* Pilger, Bot. Jahrb. Engler 30: 134. 1901.

"Mattogrosso: zerstreut auf trockener Wiese bei der Fazenda Janjo am Corrego fundo (n. 527.-April 1899)."

Central Brazil, Hermann Meyer

T = *Thrasya*

Panicum phaeocarpum Nees, Fl. Afr. Austr. 22. 1841.

(§ *Digitaria*)

Afr. South

= *Digitaria*

Panicum phaeocarpum var. *drummondianum* Nees, Fl. Afr. Austr. 22. 1841.

"St. Louis in Am. septentr. Drummond."

= *Digitaria ischaemum* Man. U. S.

Panicum phaeocarpum var. *gracile* Nees, Fl. Afr. Austr. 23. 1841.

"In graminosis vallis ad Gekau alt. 800-1000', (Drège)."

= *Digitaria ternata* (Rich.) Stapf

Africa

Panicum phaeospermum Henr. "an unpublished herbarium name" Henr. Monogr. *Digitaria* 270. 1950.

"published afterwards by Nees in 1841 as *Panicum phaeocarpum*, which is a mixture of true *Digitaria filiformis* and *Digitaria ternata*"

Panicum phaeothrix Trin. Gram. Icon. 3: pl. 91. 1827.

"Specimen Montevidense"

= *Digitaria phaeothrix* (Trin.) Parodi

Uruguay

Panicum phaeatrix Steud. Nom. Bot. ed. 2. 2: 261. 1841, error for *phaeothrix*, q.v.

Panicum phalaroides Roem. & Schult. Syst. Veg. 2: 452. 1817.

"specimen nostrum nomine Phalaridis insignitum Lahaye attulit e Java."

spikelets "subrecurvis" suggests *Sacciolepis* A.C.

Panicum philadelphicum Bernh. ex Trin. Gram. Pan. 216. 1826.

"Misit s. n. Pan. philadelphiae sibi ol. Bernhardi." Man. U. S.

Panicum philadelphicum var. *Tuckermani* (Fernald) Steyerf. & Schmolli, Rhodora 41: 90. 1939.

Based on *Panicum Tuckermani* Fernald

= *P. Tuckermani* Man. U. S.

Vermont: Edw. Tuckerman (type in Gray Herb.)

Panicum philippicum (Steud.) F. Vill. in Blanco, Fl. Filip.

4²: 512. 1880.

Based on *Holcus* *philippicum* Steud.

Philippine Islands (Cuming 1363 & 1414)

= "*Axonopus semialatus* Hook. f." sec. Merrill

= *Alloterpis semialata* (R. Brown) Hitchc.

Panicum phleiforme Presl, Rel. Haenk. 1: 302. 1830.

Note by A.C.: "Type in Nat. Mus. Prag; spikelets and photo in U. S. Nat. Herb."

A.S.H. 1: 171---Eur. Notes with his fieldbooks

"Hab. in Mexico"

= *Sacciolepis*

Panicum phleoides R. Br. Prodr. Fl. Nov. Holl. 189. 1810.

"(T)" = littoral tropical New Holland

"Collected on Cook's Journey by Banks."

Australia

Panicum phragmites Nees, Agrost. Bras. 190. 1829.

"Habitat in Brasilia meridionali: Sellow. (Vidi in Herb. Reg. Berol.)"

T = *P. penicillatum*

Panicum phragmitoides Stapf in Chevalier, Sudania 74, 76, nom. nud.; Stapf in Prain, Fl. Trop. Afr. 9: 677. 1920.

"North Central. Middle Oubangui: ...Chevalier 5304!... 5217!5742!"

Africa

Panicum phragmitoides var. *lasioneuron* Stapf in Prain, Fl. Trop. Afr. 9: 678. 1920.

"Portuguese East Africa: Msalu river, Allen, 131!"

Panicum phyllanthum Steud. Syn. Fl. Glum. 1: 47. 1854.

"Ex hrbo. Deloche, lectum in Montevideo."

Uruguay

Panicum phyllomacrum Steud. Syn. Fl. Glum. 1: 53. 1854.

"Jardin legit in Guinea"

Basis of *Setaria megaphylla* (Steud.) Durand & Schinz

§ *Ptychophyllum*

Africa

Panicum phyllopegon Stapf, Hook. Icon. Fl. 27: pl. 2698. 1901.

In rice fields near Pisa, Italy; first appeared in rice fields in 1896, where---Asiatic varieties of rice had been sown; "weed---has caused considerable damage to the rice fields." Coll. Arohangeli.

Basis of *Echinochloa phyllopegon* (Stapf) Koss.

Panicum phylloryzoide Novelli, Giorn. Ristic. 2: 306. 1912.

[Lomellina] Italy

= *Echinochloa*

of. *phyllopegon* Stapf, Hook. Icon. 27: 2698. 1901.

Panicum pictigluma Steud. Syn. Fl. Glum. 1: 73. 1854.

"Brasil"

= *P. purpurascens* Raddi Man. U. S.

Panicum pictum Koen. Naturforscher 23: 204. 1788.

[India]

Panicum pilatum Swallen, Fieldiana 28: 26. 1951.

Type in U.S. Nat. Herb., no. 1911673, collected on rocky sandstone summit of eastern peak, Cerro Turuniquire, state of Sucre, alt. 2500 m., May 6, 1945, Julian A. Steyermark 62606.

Venezuela

Panicum pilcomayense Hack. Bull. Herb. Boiss. II.

7: 449. 1907.

"Bojas n. 105"

"Pilcomayo" Paraguay

dupl. type!

Panicum pilgeri Mez, Bot. Jahrb. Engler 34: 146. 1904.

"Niger-Gebiet (Barter ohne No.)."

Barter 1377 in Types

Africa

Panicum Pilgeri Herter, Herb. Corn. Osten Com.

1: 2. 1925. Not Mez 1904.

figured in Herter, Fl. Illust. Uruguay 1: 133. f. 532. 1942. [in script below is "*tricholaenoides*"]

Based on *Panicum bambusoides* Speg. 1894. Not *P. bambusoides* Desv. ex Hamilt. 1825.

Orillas del Rio Negro cerca de Mercedes. Uruguay.

Panicum piliferum Koen. Naturforscher 23: 235. 1788; 205?

ex J. F. Omel. Syst. Veg. 157. 1791.

Omelin cites: "Koenig Naturf. 23. p. 205."

[no loc. given] H. & C. Library's copy does not have p. 235. p. 205 does not have above species

Asia

Panicum piligerum F. Muell. ex Benth. Fl. Austral.

7: 477. 1878.

"N. Australia. Victoria River, F. Mueller."

Basis of *Brachiaria piligera* (F. Muell.) Hughes

Panicum piligerum var. *denudatum* Domin, Bibl. Bot.

85: 304. 1915.

"Queensland: am Flinders River bei Hughenden (Domin, II. 1910)."

Australia

Panicum piligerum var. *eminens* Domin, Bibl. Bot. 85:

304. 1915.

"Queensland: Sandhügel der Dividing Range bei Jericho (Domin, III. 1910)."

Australia

Panicum pilipes Nees & Arn. ex Buse in Miquel, Fl.

Jungh. 376. 1854.

Nees, Journ. Bot. Kew Misc. 2: 97. 1850, without description. Title: Gramineae Herbarii Lindleyani. "Cuming 554."

"Habitat insulae Javae sylvas in sinu Wijnkoopsbaai, ...Junghuhn."

Panicum pilipes Nees misappl. by Thwaites, Enum. Fl.

Zeyl. 359. 1864, as syn. of *P. trigonum* Retz.

Ceylon

Panicum pilisparsum O. Meyer, Prim. Fl. Esseq. 57. 1818

"In graminosis humidis plantationis Hamburg"
Essequibo [British Guiana]

= *P. pilosum* Sw. H. & C. Rev. Pan.

Panicum pilosissimum Roth ex Roem. & Schult. Syst. Veg.
2: 458, 1817; Roth Plant. Sp. Ind. Orient. 48, 1821.

"Both nov. plant. Spec. Ms. ... In Essequibo. Mertens.

= *P. rudgei* Roem. & Schult.

British Guiana

Panicum pilosum Swartz, Prodr. Veg. Ind. Occ. 22. 1788.

"Jamaica"

Man. W. I.

Panicum pilosum Muhl. Amer. Phil. Soc. Trans. 4: 236.
1799. Name only.

Pennsylvania

Man. U. S. Unidentified names

Panicum pilosum Rupr. ex Galeotti, Bull. Acad. Sci.
Brux. 9: 239. 1842. Not Swartz 1788. Nom. nud.

Mexico

Panicum pilosum var. *angustiflorum* Doell. in Mart. Fl.
Bras. 2: 211. 1877.

"prope Rio de Janeiro (Forsell) et in S. Pauli
provincia (Burchell n. 4355)."

T = *Hymenachne condensata*

Brazil

Panicum pilosum var. *distachyum* O. K. (Lam. 1797)"
Kuntze, Rev. Gen. Pl. 2: 785. 1891. "Trinidad"

[*Panicum distachyum* L. Mant. Fl. 2. 183. 1771
"India orientali"]

[*Panicum distichum* Lam. Encycl. 4: 731. 1798[7]
error "Jamaïque"]

Kuntze must have erroneously cited "*distachyum* Lam."
for "*distichum* Lam." Jamaica

Panicum pilosum var. *epilosum* Fourn. Mex. Fl. 2: 24.
1886.

Based on *P. agrostoides* Lam.

Amer. merid. (Richard)

= *P. laxum* Sw. H. & C. Panicum

Panicum pilosum var. *latifolium* Doell in Mart. Fl.
Bras. 2: 212. 1877.

"prope Rio de Janeiro (Glaziou n. 4300), etiam a al.
Raben in Brasilia lecta (n. 169)."

Brazil

T = *P. pilosum*

var.
Panicum pilosum *leiozonum* Rupr. Bull. Acad. Sci. Brux.
9: 239. 1842, nom. nud.

Ruprecht's type (Galeotti 5728) is referred by Fourn.
Mex. Fl. Gram. 24 to *Panicum pilosum* Swartz var.
genuinum Fourn. Ruprecht's name *leiozonum* is not
given.

Also cited by Fournier under *P. rugulosum*. This
(no. 5728) in Brussels Herb. is *P. sellowii* and is
labeled "*P. pilosum rugulosum*." A.S.H.

Galeotti 5728 = *sellowii*
H. & C.

Panicum pilosum macranthum Scribn. U. S. Dept. Agr.

Div. Agrost. Circ. 19: 1. Jan. 2. 1900. Not P.

macranthum Trin. 1826.

"Swamps near Jalapa, State of Vera Cruz, altitude
1,230 m., May 21. C. O. Pringle, No. 8195. 1899."

type of *P. longum* H. & C.

H. & C. Pan.

Panicum pilosum var. *polychaetum* Hack. Ergeb. Bot.

Exped. Akad. Wiss. Südbas. 9. 1906; Denkschr. Akad.

Wiss. Math. Naturw. (Wien) 79: 70. 1908.

"Prope Rio Grande inter Santos et urbem S. Paulo,
750-800 m. 1902 (W.)."

Brazil

[Wachet]

T = *P. leptachne*

Panicum pilosum var. *polygonatum* (Schrader.) Doell in
Mart. Fl. Bras. 2: 211. 1877.

Based on *P. polygonatum* Schrad.

"Brazil. fluvii Ilhéos. Maxim. Neo-widens."

= *P. polygonatum* Schrad.
H. & C. Pan.

Panicum pilosum var. *subverticillatum* Doell in Mart.
Fl. Bras. 2: 211. 1877.

"in regione fluminis Amazonum (Poeppig n. 3049)"
first cited.

Brazil

Panicum piluliferum Nees ex Steud. Syn. Pl. Glum.

1: 94. 1854.

"Ind. or."

Isachne

Panicum pinetorum Swallen, Proc. Biol. Soc. Washington
55: 93. 1942.

"Type in the herbarium of the U. S. National Arbore-
tum no. 145,101 collected in open pine woods near
Bonita Springs, Florida, October 14, 1940, by W. A.
Silveus (n. 6604)."

suggests *P. fusiforme* Hitchc. Man. U. S.

Panicum pinifolium Chiov. Ann. di Bot. 5: 62. 1906;

Coll. Bot. Miss. Stefanini-Paoli, Append. 184. 1916.

"= *P. appelsoni* Stapf (giugno 1907) Paoli n. 14, ---
(Paoli 296); Fl. Somalia 332. 1929.

Somaliland, Africa

Riva, n. 1909. 1869.
Kiunga nella costa del mare Indiano---Brava e
Zanzibar.

Africa

Valid in Stapf in Frain, Fl. Trop. Afr. 9: 710. 1919
"P. appletonii Stapf, Kew Bull. 1907, 225."

Italian Somaliland: near Obbia, in sand, Appleton.

Panicum piptopilum Steud. Syn. Pl. Glum. 1: 417. 1855.

"Boivin coll. nr. 1968. Ins. Nossibe."

Indian Ocean

Panicum piriferum Chiov. Ann. Ist. Bot. Roma 8: 295.
1908.

"Amasen: Dongollo presso Ghinda, (P. n. 4236)."
[P. = Pappi]

= *Digitaria pyriformis* Chiov.

Colonia Eritrea. Africa

Panicum Pittieri Hack. Oesterr. Bot. Zeitschr. 51: 367.
Oct. 1901.

"Costarica: in ripa rivi Rio Tirili prope San José
leg. Tomiuz; Pittier distribuit sub nro. 6945."

= *Trichachne pittieri* (Hack.) Hitchc.

Gr. Cent. Am.

Panicum plagianthum Stapf in Frain, Fl. Trop. Afr.

9: 671. 1920.

"Lower Guinea. French Congo: Loango, Lecomte, D. 44!
Belgian Congo: Cataracts Distr.; in sand by the road-
side, near Lutete, 2000 ft., Hens, A. 245!"

Africa

Panicum planopteris Trin. ex Doell in Mart. Fl. Bras.

2: 222. 1877, as syn. of *P. Maximiliani* Schrad.

= *planotis* in T.

A.S.H. 2: 23.---Eur. Notes (in his fieldbooks)

Panicum planotis Trin. Mém. Acad. St. Pétersb. VI.

Sci. Nat. 1: 322. 1834.

"V. spp. Bras."

Brazil

Panicum plantagineum Link, Hort. Berol. 1: 206. 1827.

Not Schum. 1827. (1 Oct. 27 1827)

No place cited.

Brazil

= *Brachiaria plantaginina* (Link) Hitchc.

Man. U. S.

Panicum plantagineum Schumacher, Beskr. Guin. Fl. 84.

1827. Not Link. 1827.

Guinea, Africa [Thonning and other Danish botanists--
from title]

Panicum platense (Spreng.) Kuntze, Rev. Gen. Pl. 3: 363
1898.

Based on "*Paspalum plat[ense]* Spr.)"

= *Pasp. dilatatum* A.C. Paspalum

Monte Video--Uruguay

Panicum platycarphum Trin. Mém. Acad. St. Pétersb. VI.

Sci. Nat. 1: 198. 1834.

"V. spp. Insa. Bonin"

[Isl. Pacific Ocean s. of Japan]

Basis of *Digitaria platycarpa* (Trin.) Stapf

Panicum platycaule Hack. & Stueck. in Kneuck. Allg. Bot.

Zeitschr. 15: 140. 1909.

without descr. [published in "Anal. Mus. Nac. Buen.
Aires 21: 51. 1911] in den III contribution von
Stueckert--Hackel. [This is Anal. Mus. Nac. Buenos
Aires 21: 51. 1911. *Setaria platycaulis* given here]

From Allg. Bot. Zeit.: "Bei Estancia 'La Diana' im
Departem. San Martin in der Provinz Rioja in Argen-
tinien, Südamerika"---Stueckert Nr. 737.

= *Setaria platycaulis*

Panicum platycaulon (Poir.) Kuntze, Rev. Gen. Pl.

3: 363. 1898.

Based on *Paspalum platycaulon* Poir.

= *Axonopus compressus* Man. U. S.

Porto Rico (Ledru)

Panicum platynotum Schum. in Engl. Pflanzenw. Ost.-Afr.

5: 101. 1895.

"Seengebiet. Bukoba -- Stuhlman."

Basis of *Urochloa platynota* (Schum.) Pilg.

Africa

Panicum platyphyllum (Griseb.) Munro ex Wright, Anal.
Acad. Cienc. Habana 8: 206. 1871.

Based on *Paspalum platyphyllum* Griseb. [not Spreng.]

= *Brachiaria platyphylla* (Griseb.) Nash.

"extensa Chase based on same type.

Cuba (Wright 3441); Zarabanda (Wright s. 1865)

Man. U. S.

Panicum platyrhachis Chiov. Nuov. Giorn. Bot. Ital. n.
ser. 29: 111. 1923, as syn. of *Brachiaria platyrha-*
chis Chiov.

Africa

Panicum pleianthum Peter, Repert. Sp. Nov. Fedde (Beih.)
40: 198 & Anhang, 47. pl. 13. f. 3. 1930.

Deutsch - Ost. Afr. Maramba: ... Mwele → Tanga in der
Nyika... (Peter 20738).

Africa

Panicum pleiophyllum Link, Hort. Berol. 1: 208. 1827.

No place given Hort?

aff. *P. divaricatum* Humb. et Kunth

Panicum plenum Hitchc. & Chase, Contr. U. S. Nat. Herb.
15: 80. f. 69. 1910.

"U. S. National Herbarium no. 495701, ---at Mangas
Springs, 18 miles northwest of Silver City, Grant
County, New Mexico, by O. B. Metcalfe (no. 739),
altitude 4,770 feet."

Man. U. S.

Panicum plicatile Hochst. Flora 38: 198. 1855.

"(Hb. abyss. Buch. nr. 1456.)" [Schimper Coll. in
1853]

Africa

Basis of *Setaria plicatilis* (Hochst.) Hack.

Panicum plicatile var. *glabrescens* Chiov. Ann. Ist. Bot.
Roma 8: 31. 1903.

"Anasen: Asmara n. 2400. Agosto-settembre 1892
(Ragazzi n. 43).
Mensa: Dada m. 1400. 8. I. 1893 (T. P. n. 2049)."

[Terracciano & Pappi Coll.]

Africa

= *Setaria plicatilis* (Hochst.) Hack. in Stapf

Panicum plicatile var. *pilosum* Chiov. Ann. Ist. Bot.
Roma 8: 31. 1903.

"Mensa: Bora Ualioane [ovest] m. 1900. 8 I. 1893
(T. P. n. 670)." [Terracciano & Pappi Coll.]

Africa

= *Setaria plicatilis* (Hochst.) Hack in Stapf

Panicum plicatulum (Michx.) Kuntze, Rev. Gen. Fl.
36: 363. 1898.

Based on "*Paspalum plicatulum* Michx.)."

Georgia

= *Paspalum plicatulum* Michx.

Man. U. S.

Panicum plicatum Lam. Tabl. Encycl. 1: 171. 1791;
Encycl. 4: 736. 1798; Schrank, Fl. Rar. Hort.
Monac. pl. 19. 1817.

"ex insula Francoiae?" Mauritius

= *Setaria* § *Ptychophyllum*

Panicum plicatum Willd. Enum. Pl. 1033. 1809. Not
Lam. 1791.

"Habitat in India orientali"

= *Setaria* § *Ptychophyllum*

Panicum plicatum Roxb. Hort. Beng. 8. 1814, without
descr.; Fl. Ind. ed. Carey 1: 313. 1820. Not Lam.
1791.

"Introduced into the Botanic garden from the Island
of Sumatra."

Panicum plicatum var. *haitiense* Kunth ex Griseb. Fl.
Brit. W. Ind. 547. 1864.

"Hab. Jamaica; March; [Haiti (ex Syn. Kth.)]"

= *Setaria palmifolia* (Koen.) Stapf Man. W. I.

Panicum plumosum Presl. Fl. Sioula 1: 43.

"(Saccharum Teneriffae, Lin.)" (1816 or 1826 ?)

["Teneriffae Fr. Masson."]

= *Tricholaena teneriffae* (L.f.) Schrad.

Panicum poaeforme Poir. in Lam. Encycl. Suppl. 4: 284.
1816.

"Desv. Herb. ---Le lieu natal de cette plante ne
m'est pas connu. (V. s. in herb. Desv.)"

Basis of *P. subspicatum* Desv.

Panicum poaeforme Willd. ex Spreng. Syst. Veg. 1: 318.
1825. Not Poir. 1816.

Ins. Mascaren.

In Brit. Mus. is specimen ex [Herb.] Nolte, Mauritius
and Bourbon, Bory St. Vincent, so named with diagnosis
= *Panicum maximum*.

Panicum ? poaeforme Willd. misappl. by Bojer, Hort.
Maurit. 365. 1837.

Mauritius

Panicum poaeomorphum Presl, Rel. Haenk. 1: 310. 1830.

"Hab. in Peruviae montanis huancocensibus." Haenke.

Basis of *Briza poaeomorpha* Henr.

Panicum poaeoides Stapf in Prain, Fl. Trop. Afr.
9: 681. 1920.

"Nile Land. British East Africa: Nairobi, Linton
213! Dowson, 256!"

Panicum poecilanthum Stapf in Prain, Fl. Trop. Afr.
9: 684. 1920.

"Upper Guinea. Cameroons: without precise locality,
Unwin, 9185!"

Africa

Panicum Poirertianum Schult. Mant. 2: 229. 1824.

Based on "*Panicum elongatum* Poir." Not Pursh.

= *Setaria poiretiana* (Schult) Kunth Man. W. I.

Brazil

Panicum Pole-Evansii C. E. Hubb. Kew Bull. Misc. Inf.
1934: 113. 1934.

"Northern Rhodesia: at river 9 miles South of Lake
Tanganyika, creeping over rocks, July 1930, Pole
Evans 3039 (46)."

Aff. *P. adenophorum* K. Schum

Africa

Panicum polyanthes Schult. Mant. 2: 257. 1824.

Based on *P. multiflorum* Ell. not Poir.

[South Carolina or Georgia]

Man. U. S.

Panicum polycaulon Nash, Bull. Torrey Club 24: 200. 1897

"Type specimen collected by the writer on Aug. 20,
1895, in the flatwoods at Tampa, Florida, No. 2420a."

Nash.

Man. U. S.

Panicum polycladum Ekman, Ark. f. Bot. 11: 24. 1912.

"Bonpland, in margine silvulae locis siccis, lapido-
sis, 27. I. 08, n. 651. [Ekman]"

Misiones. Argentina.

Panicum polycomum Trin. Mém. Acad. St. Petersb. VI. Sci.
Nat. 1: 306. 1834.

"V. spp. Guian."

aff. *pyrularium*

Guianas

Panicum polygamum Forsk. Fl. Aegypt. Arab. 27. 1775.

Type loc. "In pratis versus Tases parcius."

Africa

Pennisetum polygamum (Forsk.) Chiov.

Pennisetum "nomen dubium" in Stapf. No specimen
known.

Panicum polygamum Swartz, Prodr. Veg. Ind. Occ. 24. 1788
Not Forsk., 1775.

"India occidentalis"

Jamaica

= *P. maximum* Jacq. Man. W. I.

Panicum polygamum var. *gongylodes* (Jacq.) Fourn. Mex.
Fl. 2: 28. 1886.

Based on "*P. gongylodes* Jacq."--

Cult. Montpellier

= *P. bulbosum* H.B.K.

Man. U. S.

Panicum polygamum var. *hirticaule* (Presl) Fourn. Mex.
Fl. 2: 28. 1886.

varietal name based on *P. hirticaule* Presl

= *Panicum hirticaule* Presl but specimens cited by
Fournier are *P. maximum* Jacq.

Mexico

Panicum polygonatum Schrad. in Schult. Mant. 2: 256.
1824.

"In Brasilia, ad ripas fluvii Ilhéos. Princeps
Sereniss. Maxim. Neo-widens."

Panicum H. & C.

Panicum polygonatum Kunth, Rev. Gram. 2: 643. pl. 209.
1834.

Kunth cites "Schrad. in Schult. Mant. 2: 256."

It is *P. polygonatum* Schrad. ipse, not new!

Panicum polygonatum Sieber ex Griseb. Fl. Brit. W. Ind.
548. 1864, as syn. of *P. potamium* Trin.

same as Schrad. 1824.

Man. W. I.

Panicum polygonoides Lam. Encycl. 4: 742. 1798.

"Cette plante croît à Cayenne, & m'a été communiquée par le citoyen Leblond."

French Guiana

= *Isachne polygonoides* (Lam.) Doell

Panicum polygonoides C. Muell. Bot. Zeit. 19: 323. 1861
Not Lam. 1798.

"America septentrionalis, ubi forsan in Texas legit T. Drummond (Coll. No. 371)"

= *P. obtusum* H.B.K. Man. U. S.

Panicum polymorphum (Balansa) A. Camus, Not. Syst.
Lecomte 2: 249. 1912.

Based on "*Hymenachne polymorpha* Balansa."

= *Sacciolepis polymorpha* Chase ex E. G. & A. Camus

Panicum polymorphum var. *angustifolium* A. Camus, Nat.
Syst. Lecomte 2: 250. 1912.

"Asia orientalis"

Panicum polymorphum var. *densum* A. Camus, Not. Syst.
Lecomte 2: 250. 1912.

"Cochinchine [Thorell]; no. 26. p.p. [Germain]"

Panicum polymorphum var. *micranthum* (Bal.) A. Camus, Not.
Syst. Lecomte 2: 250. 1912.

Based on *Hymenachne polymorpha* Bal.

Tonkin

Panicum polyneuron Steud. Syn. Fl. Glum. 1: 91. 1854.

Based on "*P. nervosum* Muhlbg."

S. C. & Ga.

= *P. commutatum* Schult.

Man. U. S.

Panicum polyphyllum R. Br. Prodr. Fl. Nov. Holl. 190.
1810.

"(T.) Littora Novae Hollandiae intra tropicum."

Basis of *Brachiaria polyphylla* (R. Br.) Hughes

Australia

Panicum polyphyllum Peter, Abh. Ges. Wiss. Göttingen
Math. Phys. Kl. N. F. 13: 110. 1928, nom. nud.
Not. R. Br. 1810.

In Peter, Bot. Jahrb. Engler 68: 140. 1937, this is
referred to *P. repens* L.

Africa

Panicum polyrrhizum Presl, Rel. Haenk. 1: 296. 1830.

"Monterey, California" [but specimens probably
collected in Baja California], Haenke

= *Aspalum distichum* L. Man. U. S.

Panicum polystachion L. Syst. Nat. ed. 10. 870. 1759.

[No place given. Cites Rumph. amb. 6. t. 7. f. 2B]

Note by A.C.: "Merrill (Rumph. Hb. 91-92) says this
is *Setaria flava*; 'superne ramosis' does not apply to
that."

= *Pennisetum polystachyum* Schult.
(the annual "*P. setosum*" of India)

Panicum polystachion Uria, Hort. Reg. Panorm. 54.
1789. Not *P. polystachion* L., 1759.

Hortus Regius Panormitanus

Palermo, Sicily

Panicum polystachyum (H.B.K.) Steud. Nom. Bot. ed. 1.
589. 1821. Not Uria 1789.

Based on "*Oplismenus polystachyus* H. et B."
[H.B.K.]

= *Echinochloa polystachya* (H.B.K.) Hitchc.

Columbia

Panicum polystachyum L. misappl. by Schult. Mant. 2: 146
in obs. 1824. Not Steud. 1821 nor Uria 1789.

Refers to L. Sp. 1. p. 82. as basis of *Pennisetum*
polystachyum

= *Pennisetum*

Panicum polystachyum Presl, Rel. Haenk. 1: 312. 1830.
Not Uria 1789, nor Steud. 1821, nor Schult. 1824.

"Peruvia"

"This is the *Hymenachne* with large panicle and broad
blades, etc." A.S.H. Europ. Notes-with fieldbooks.

= *Hymenachne donacifolia* (Raddi) Chase

T

Panicum polystachyum Burm. ex Kunth, Enum. Fl. 1. 478.
1833, as syn. of *Pogonatherum crinitum* Trin.

Panicum polystachyum A. Rich. ex Kunth, Enum. Fl.
1: 93. 1833. Not Uria 1789; as syn. of *P.*
pyramidale Lam.

Africa ?

= *Echinochloa*

Panicum polystachyum (H.B.K.) Engl. Pflanzenw. Ost-Afr.
5: 103. 1895. Not Uria, 1789.

Based on *Echinolaena polystachya* H.B.K.

= *Pseudechinolaena polystachya* (H.B.K.) Stapf

Panicum polythyrsum Nees ex Steud. Syn. Fl. Glum.
1: 93. 1854.

"(in Hrbo. Mougeot...)" Bahia

"Guyana gall." = ? [Salzmann in T]

= *Ichnananthus*

Panicum polytrichum Mez, Notizbl. Bot. Gart. Berlin
7: 69. 1917.

"Brasilia, loco accuratius non indicato (Glaziou
n. 15613)."

T

Panicum porphyrium Trin. ex Nees, Agrost. Bras. 198.
1827, as syn. of *P. philadelphicum*

[Pennsylvania]

= *P. philadelphicum* probably, T not seen.
H. & C.

Panicum porphyrrhizos Steud. Syn. Fl. Glum. 1: 72. 1854.

"*P. maximum* Hochst. hrbr. un. it. n. 1230."
"*P. jumentorum* Rich. Tent. Fl. Abyss. 2: 373."
"*P. laeve* Lam.?" cited by Steud. but *P. porphy-*
"*Abyssinia*" rhizos valid in Stapf

Africa

Panicum porranthum Steud. Syn. Fl. Glum. 1: 42. 1854.

"Jardin et Leprieur in Senegambia."

= *Digitaria fenestrata* (Hochst) Rendle

Africa

Panicum porteriaum Nash, Bull. Torrey Club 22: 420.
1895.

Based on [first syn. excluded--A.C.] *Panicum Waltheri*
Poir. in Lam. ...not Pursh, 1814, ...

Virginia & Carolina

= *P. boscii* Poir. Man. U. S.

Panicum portoricense Desv. ex Hamilt. Prodr. Fl. Ind.
Occ. 11. 1825.

"Herb. Prof. Desv. Porto Rico (s.v.)"

Man. U. S.
"W. I."

Panicum potanicum Steud. Syn. Fl. Glum. 1: 71. 1854.
typ. error for *P. potanum* Trin.

= *P. polygonatum* Schrad.

Pan. H. & C.

Panicum potanum Trin. Gram. Pan. 239. 1826.

"Brasil. (Langsdorff.)"

T

= *P. polygonatum* Schrad.

H. & C.

Panicum potanum var. *pubescens* Doell in Mart. Fl. Bras.
2: 214. 1877.

"ad Tocantins fluvium inter Porto Imperial et Fumil
(Burchell n. 8795)."

Brazil

Panicum pradanum Léon, U. S. Dept. Agr. Misc. Publ.
243: 294. f. 284. 1936.

"Type in the U.S. Nat. Herb. no. 1258962, collected
in open thickets on slope of Mesa de Prada, Lower
Jauco Valley, Jauco, Province Oriente, Cuba, July 17
to Aug. 4, 1924, by Brother Léon (no. 11710)."

Man. W. I.

Panicum praealtum Afzel. ex Swartz, Adnot Bot. 5. 1829.

"Hab. ad Sierram Leonam Africae: Prof. Ad. Afzelius."

Panicum praecocius Hitchc. & Chase, Rhodora 8: 206.
1906.

"V.H. Chase 649[type], dry bank, near Wady Petra,
Stark County, Illinois, June 30, 1900."

Man. U. S.

Panicum praegnans Steud. Syn. Fl. Glum. 1: 74. 1854.

Based on "*Panicum fruticosum* Salzm. Oaxaca.
Bahia." Brazil

[Salzmann coll. must be Bahia]
Oaxaca coll. Buchinger = *Lasiacis sorghoidea* in Types

= *Lasiacis*

Panicum praelongum Steud. Syn. Fl. Glum. 1: 73. 1854.

"Herb. Lenormand. Guinea"

Africa

Panicum praelongum Mez, Bot. Jahrb. Engler 57: 186.
1921. Not Steud. 1854.

"Sudan (Roriani n. 8)"

Africa

Panicum praetervisum Domin, Bibl. Bot. 85: 309. 1915.

"*P. adpersum* Benth." cited.

"Queensland: bei Hughenden auf den Grasflächen der
Rolling Downs verbreitet, auch am Fusse des Mount
Walker und an mehreren Stellen längs des Flinders
River. (Domin, II. 1910)."

Australia

Panicum pratense (Spreng.) Steud. Nom. Bot. ed. 2.
2: 261. 1841.

Based on "*Oplismenus pratensis* Schult."

Ins. Francoiae = Mauritius

Panicum praticola Salzm. ex Doell in Mart. Fl. Bras.
2: 203. 1877, as syn. of *P. maximum* Jacq.

"P--- praticola Salzm. Herb. Bahiense n. 683."

= *P. maximum* Jacq.
H. & C.

Panicum prenticeanum F. M. Bailey, Syn. Queensl. Fl.
Suppl. 3: 82. 1890.

"Hab.: Harvey's Creek, Russell River, and Tringil-
burra Creek."

Australia

Panicum preslei Kunth, Rév. Gram. 1: Suppl. X. 1830;
Enum. Fl. 1: 121. 1833.

Based on "*Panicum megastachyum* Presl." in Rel.
Haenke 1: 305. [not Nees, presumably] Presl desor.
copied in Enum. Fl.

Peru. Haenke.

= *P. urvilleanum* Kunth Man. U. S.

Panicum Friurii Mez, Bot. Jahrb. Engler 56 (Beibl. 125):
3. 1921.

"Guyana (Leprieur)."

T = *scabridum* Doell

Panicum Fringlei Vasey, Contr. U. S. Nat. Herb. 1: 363.
1895.

"Mexico, Fringle Coll. of 1888, No. 2047, and Coll.
of 1889, No. 2423; also from Colima, January 9 to
February 6, 1891, no. 1256."

= *Ixophorus unisetus* (Presl) Scribn.

Panicum Prionitis Nees, Agrost. Bras. 162. 1829.

"Habitat in udis ad fossas districtus Adamantum
prope Tejuco et Villa do Principe provinciae Minarum
generalium,--ad Monte Video legit Sellow. (Vidi in
Herb. Reg. Berol. Floret Julio."

Brazil--Uruguay

Panicum Prionitis var. *pallidum* Kuntze, Rev. Gen. Fl.
3: 363. 1898.

"Paraguay: am Rio Tebicuari Meilenweit in Sümpfen
das vorherrschende Gras."

Panicum Prionitis var. *varium* Kuntze, Rev. Gen. Fl.
3: 363. 1898.

"Paraguay: Concepcion."

Panicum probandum Steud. Syn. Fl. Orlum. 1: 76. 1854.

Based on "*P. puberulum* Trin. non Kunth."

Brasil T

= *P. sellowii* Nees

Panicum proboscideum Trin. Gram. Pan. 184. 1826.

(See Trin. Gram. Icon. pl. 322.)

"V. spp. Brasil. (Langedorff)"

T = *P. olyroides* H.B.K.

Panicum procerrimum Hack. Oesterr. Bot. Zeitschr.
51: 431. 1901.

"Costarica: Inter frutices ad fluvium Tiliri prope
La Verbena et Alajuelita (Pittier nr. 8819)."

= *Lasiacis procerrima* (Hack.) Hitchc.
in Grasses of Central America.

Panicum procumbens Lam. ex Nees, Agrost. Bras. 109. 1829.

Based on "*Panicum prostratum* /3 Lam. Enc. meth. IV.
p. 740."

India

[May be an error for *prostratum* Lam.]

of "Ins. Caribaeis"

There is no "*procumbens* Lam." other than this of Nees'

Panicum procumbens var. *repens* (Burm.) Nees, Agrost.
Bras. 109. 1829.

[*procumbens* Lam. ex Nees seems to be a covering name
for *prostratum* Lam. and supposed allies.--var.
repens is evidently species itself.]

Based on "*Panicum repens* Burm." this is misapplica-
tion of *P. repens* L.

India

Panicum procumbens var. *setigerum* (Retz.) Nees, Agrost.
Bras. 109. 1829.

Based on "*Panicum setigerum* Retz."

China (Bladh)

Panicum procumbens var. *umbrosum* (Retz.) Nees, Agrost.
Bras. 109. 1829.

Based on "*Panicum umbrosum* Retz."

India

Panicum procurrens Nees in Trin. Gram. Pan. 183. 1826.

"V. spp. Brasil (N. ab Esenb. Langedorff.)"

Panicum procurrens var. *genuinum* Doell in Mart. Fl. Bras.
2(2): 272. 1877.

Based on *Panicum procurrens* Nees

= " " "

Brazil

Panicum procurrens var. *genuinum* subv. *glabratum* Doell
in Mart. Fl. Bras. 2: 272. 1877.

Cites *P. procurrens* /3 Nees

= " " " Brazil

Panicum procurrens var. *genuinum* subv. *villosum* Doell
in Mart. Fl. Bras. 2: 272. 1877.

P. procurrens /3 Nees cited.

Brazil

Panicum procurrens var. *solutum* Doell in Mart. Fl. Bras.
2: 272. 1877.

"a cl. Pohl (n. 2162) ad Corgofundo prope S. José
lecta est." [2162 in types]

Brazil

Panicum procurrens var. *subaequilume* Hack. in Ekman,
Ark. för Bot. 13(10): 30. 1913.

"Hack. in lit." Gives brief desor. of Hackel's.

"In altiplanitie: Rio Tibagy, in campo, 17. 1. 09,
n. 7537; Capão Grande, in campo, 22. 3. 04, n. 3992a;
Lago, in campo, 7. 3. 04, sine num."
coll. Dusen. 3922a in T.

Brazil

Panicum procurrens Nees "a)" *villosum* Kuhl. Com. Linn.

Telegr. Estrat. Mato-Grosso Amazonas (Com. Rondon)

Publ. 67 (Anexo 5, pt. 11): 74. 1948.

"a) *villosum*" at end of description of *P. procurrens*.
Cited: Colhido---P. C. Hoehne--Lagoa Santa (Excurs.
Minas Gerais, n. 6008)--Nov. 1915,--Campas Novas da
Serra do Norte, Mato Grosso, ---Tte Boanerges de
Sousa (n. 6927)--Margo de 1916."

"b) *glabratum*" [Doell] presumably Hoehne 6008 is
type of *villosum*

Brasil

Panicum proliferum Lam. Tabl. Encycl. 4: 747. 1798.

See A.S.H. Types of American Grasses [*P. miliare* Lam.
then misunderstood].

"Cette espèce est cultivée au Jardin du Muséum; son
lieu natal ne m'est pas connu. Je la crois origin-
aire de la Virginie ou de quelque autre partie de
l'Amérique Septentrionale."

Asia ?

Name formerly misapplied to *P. dichotomiflorum*
Michx. in U. S.

Panicum proliferum Lam. [misappl. by F. Muell.] Fragm.

Phyt. Austr. 8: 191. 1874.

Australia

Panicum proliferum var. *attenuatum* (Willd.) Schrad.

Linnaea 12: 428. 1838.

Based on *P. attenuatum* Willd.

loc. unknown

Panicum proliferum var. *ohloroticum* (Nees) Hack. Repert.

Sp. Nov. Fedde 6: 343. 1909.

Based on *Panicum ohloroticum* Nees

= " " " " H. & C. Pan.

Brazil

Panicum proliferum var. *decompositum* (B. Br.) Thellung,
Vierteljahrs. Nat. Ges. Zürich 52: 435. 1908.

Based on *Panicum decompositum* B. Br.

Australia

Panicum proliferum var. *decompositum* f. *flavescens*

Lüscher, Allg. Bot. Zeitschr. 16: 140. 1910.

"Kanton Solothurn"

Switzerland

Panicum proliferum var. *geniculatum* Wood, Amer. Bot.
& Flor. Pt. 2. 392. 1871.

"Marshes." [Eastern U. S. All states of Amer. Union
lying east and on western shore of Miss.] from
preface.

= *dichotomiflorum* Man. U. S.

Panicum proliferum var. *longijubatum* Stapf in Thiselt.-
Dyer, Fl. Cap. 7: 406. 1899.

"P. paludosum, Nees, Fl. Afr. Austr. 35; Durand &
Schinz, Conspect. Fl. Afr. v. 758. not Roxb."

Africa

Basis of *P. longijubatum* (Stapf) Stapf
Natal, near the Umzimkulu River, Drège

Panicum proliferum var. *paludosum* (Roxb.) Stapf in
Thiselt.-Dyer, Fl. Cap. 7: 407. 1899.

Based on
P. paludosum Roxb. Fl. Ind. 1. 307;"

= " " " " " "

Circar Mts.- India

Panicum proliferum var. *pilosum* Griseb. Cat. Fl. Cub.
232. 1866.

Cuba. Manámana, Wright [186]
= *P. dichotomiflorum* Michx. Man. U. S.

Panicum proliferum var. *Richardi* Doell in Mart. Fl.
Bras. 2: 200. 1877.

"*Panicum littorale* L. Cl. Richard in herbario proprio
nunc Francavillano."
"prope urbem Pará---(L. Cl. Richard)."

Brazil

Panicum proliferum f. *richardi* Arech. Anal. Mus. Nao.
Montevideo 1: 136. 1894. See also var.

Cites: "*Panicum littorale* L. Cl. Richard in herbario
proprio, nunc Francavillano."

"La forma [richardi] fue hallada por Richard en
Pará, orillas arenosas del Amazonas, anegadizas en
las crecientes segun testimonio del mismo."

Brazil

Panicum proliferum var. *strictum* Griseb. Cat. Fl. Cub.
232. 1866.

Cuba

= *P. aquaticum* Poir.

W. I.

Panicum proliferum var. *xanthochlorum* Haek. ex Bertoni,
Anal. Cientif. Paraguay II. 150. 1918, without descr

"Núms. 389, 2095, 2096, 3405 y 3551."

[Paraguay, Argentina, Brazil.] "en los tres países"
[Bertoni, coll.]

3551 = *P. chloroticum* Nees

Panicum prolietum Steud. Syn. Fl. Glum. 1: 52. 1854.

"Ins. Principis Afr. occ."

Ptychophyllum

= *Setaria megaphylla* (Steud.) Dur. & Schinz.

Panicum prolutum F. Muell. Trans. & Proc. Vict. Inst.
(Melbourne) 1854/1855: 46. 1855.

"On the Avoca, Broughton, and Leight river, as also
at the foot of the Flinders ranges."
[No collector]

Australia

Panicum propinquum R. Br. Prodr. Fl. Nov. Holl. 193.
1810.

"(T.) Littora Novae Hollandiae intra tropicum."
R. Brown,

Australia

Panicum prorepens Steud. Syn. Fl. Glum. 1: 46. 1854.

"*Oplismenus repens* Presl, Rel. Haenk 1: 321.
Mexico"

= *Echinochloa colonum* (L.) Link

Mexico

Panicum prostratum Lam. Tabl. Encycl. 1: 171. 1791.

"Ex Insulis Caribaeis" [type from Dominican Republic]

West Indies

= *P. reptans* L. Man. U. S.

Panicum prostratum var. *burmanicum* Hook.f. Fl. Brit.
Ind. 7: 34. 1896.

"Burma, Collett."

Asia

Panicum prostratum var. *marquisense* F. Brown, Bishop
Mus. Bull. 84: 71. pl. 5C. 1931.

"Marquesas, Nukuhiva, western part, Mauu, June 20,
1921, F. Brown, no. 717 type."

[Marquesas Isl. Pacific]

Panicum prostratum var. *pilosa*[um] Eggers, Fl. St.
Croix & Virgin Isl. 104. 1879.

"A) St. Croix (La Grange)."

West Indies

= *P. reptans* L.

H. & C.

Panicum prostratum var. *rigidum* Hook.f. Fl. Brit. Ind.
7: 34. 1896.

List

"Wall. Cat. n. 8723 (in part). Calcutta, Clarke?
Burma, Wallich. (The specimen has evidently been
misplaced in the sheet of *P. notabile*)"

India

Panicum prostratum var. *setigerum* (Retz.) Buse in
Miquel, Fl. Jungh. 372. 1854.

Based on "*Panicum setigerum* Retz."

"Habitat in insulae Sumatrae provincia Angkola
superiore, in sylvis....Jungh."

= *P. setigerum* Retz

China (Bladh)

Panicum protensum Peter, Repert. Sp. Nov. Fedde (Beih.)
40: 196 & Anhang, 42. pl. 12. f. 2. 1930.

Deutsch Ost. Afr. S. Pare Gebirg: im Moor bei Tona
.....(Peter 11987)

Africa

Panicum protractum Mez, Notizbl. Bot. Gart. Berlin
7: 77. 1917. Not Peter 1930!

"Brasilia, Minas Geraes prope Caldas (Regnell III.
n. 1360), ad Campinas prope Sta. Elisa (Estao. Agron.
Campinas n. H.)."

Regnell III 1360 = *P. pantrichum* Haek.

Panicum protractum Peter, Repert. Sp. Nov. Fedde (Beih.)
40: 196 & Anhang, 42. pl. 26, f. 1. 1930. Not
Mez 1917!

Deutsch Ost Afr., Kilimandscharo: Rau-Fl → Alt Moschi,
....(Peter 42203).

Africa

Panicum proximum Steud. Syn. Fl. Glum. 1: 64. 1854.

= *P. mertensii* Roth

"Oulana" [no 22]

Panicum pruinatum Bernh. ex Trin. Gram. Pan. 191. 1826,
as syn. of *P. virgatum*

"V. spp. An. bor. (Bernhardi sub nom. *Panicum*
pruinatum.)" [Delaware]

T = *P. virgatum* L.

H. & C.

Panicum pruriens Fisch. ex Trin. Gram. Pan. 77. 1826.
"Fisch. herb." cited by Trin. after species.

"V. spp. ex Inss. Sandw. et Marchion. (Langsdorff.
Chamisso.)"

= *Digitaria pruriens* (Fisch. ex Trin.) Buse

Hawaiian Islands

Panicum psammophilum Welw. in Rendle, Cat. Afr. Fl.

Welw. 2: 171. 1899 (July)

"Welw. ms. in herb. ampliatum."

"Common and widely caespitose in rather damp sandy
spots in the littoral valley between Cabo Negro and
Mossamedes, at a place called "a Cazemba." near Rio
Carvea....Welwitsch coll. no. 2624." [first cited]

Africa

Panicum psammophilum Nash, Bull. Torrey Club 26: 576.
1899. Not Welw., 1899.

"New Jersey:Tom's River, July 25-31, 1898, W. N.
Clute, no. 175 (type)."

U. S.

= *P. columbianum* Scribn. Man. U. S.

Panicum pseudagrostis Trin. ex Nees, Agrost. Bras.
149, 1829. See earlier spelling *pseudogrostis*
Trin. 1826.

Panicum pseudanceps Nash, Bull. Torrey Club 25: 85.
1898.

"Collected by Mr. J. H. Simpson in Florida in 1889."

= *P. longifolium* Torr. Man. U. S.

Panicum pseudisachne Mez, Notizbl. Bot. Gart. Berlin
7: 71. 1917.

"Brasilia, loco non indicato (Glaziou n. 13330)."

Panicum Pseudagrostis Steud. Syn. Fl. Glum. 1: 71.
1854. [not *pseudogrostis* Trin. 1826]

[first glume wanting, gl. 2 and sterile lemma united]

"Leprieur legit in Senegalia"

sp. dub in Stapf Fl. Trop. Afr.

Africa

Panicum pseudo-colonum Roth ex Roem. & Schult. Syst.
Veg. 2: 424. 1817; Roth, Plant. Sp. Ind. Orient.
47. 1821.

"Roth, Nov. pl. spec. mss."...."In India orientali"

Panicum pseudodistachyum Hayata, Icon. Fl. Formos.
7: 60. 1918.

Based on "*Panicum paspaloides* Hayata (non Pers.)"

Garanbi (Kawakami, 1904. Oct.)

Formosa

Panicum (Digitaria) Pseudo-durva Nees, Fl. Afr. Austr.
21. 1841.

Based on *Panicum Pseudo-Durva* Arn. et N. ab. E. Glum.
Ind. or. ined. Wight et Walk. Arn. Prodr. Fl. Penins
Ind. or II."

= *Digitaria longiflora* (Retz.) Pers.

India

Stapf, Fl. Afr. Austr. says he found no glume 1 in
either *pseudo-durva* or its var. *gracillima*

Panicum Pseudo-durva var. *gracillimum* Nees, Fl. Afr.
Austr. 21. 1841.

"In graminosis ad Port Natal (Drège)."
no glume 1.

= *Digitaria longiflora* (Retz.) Pers.

Africa

Panicum Pseudo-durva var. *minus* Nees, Fl. Afr. Austr. 21. 1841.

"Based on *Panicum* (*Digitaria*) *parvulum* Trin. Pan. retract. p. 117. (excl. reliquis synonym)."

= *Digitaria*

Ind. Or.

Panicum Pseudogrostis Trin. Gram. Pan. 197. 1826.

"V. spp. Ins. Sandw. (Chamisso herb.)"

see T. valid

[indet. in Hitchc. Gr. Hawaii 199.]

dupl. Type ? in Berlin. see Types *P. niuhauense* St. John = this

Hawaiian Isl.

Panicum Pseudoholcus Steud. Nom. Bot. ed. 2: 2: 262.

1841, hort.; Syn. Fl. Glum. 1: 50. 1854, as syn. of *P. dasyurum* Nees [error for Willd.]

= *Setaria*

Panicum pseudoinfestum Chiov. Fl. Somali 2: 447. f. 244. 1932.

"Oltregiuba: Presso Ahmedii fl (Dr. P. Gorini 1926 n. 61, 62, 65"

Somalia, East Coast Africa

Aff. *P. infesto*

Panicum Pseudo-Ischaemum Boerl. Ann. Jard. Bot.

Buitenzorg 8: 52. 1890.

Based on *Digitaria Pseudo-Ischaemum* Buse

= *Digitaria fuscescens* (Presl) Henr.

Sumatra (Jungh.)

Panicum Pseudo-Ischaemum var. *elongata* Boerl. Ann. Jard.

Bot. Buitenzorg 8: 52. 1890.

var. not in Henr.

species = *Digitaria*

Panicum Pseudo-neurachne P. Muell. Fragm. Phyt. Austr.

8: 199. 1874.

Based on "*Neurachne paradoxa* R. Br."

Basis of *Spinifex paradoxus* (R. Br.) Benth.

= *Zygochloa paradoxa* (R. Br.) S. T. Blake

"The male plant was unknown to Brown"--Benth.

Australia

Panicum Pseudopaspalus Nees, Delectus Sem. Hort. Vrat.

(1850); Linnaea 24: 236. 1851, described.

Note by A.S.H.: "In Walpers, Ann. 3: 714. 1852-3, after description of *Panicum pseudopaspalus* Nees is "affine *P. mostachyo* Hmbt. et Knth. "aspalum monostachyum Hort. "

"Colitur in caldaria" Breslau.

Note by A.C.: "The Delectus Sem." not in Washington. The paper in Linnaea describes n. sp. from this and other seed lists. Description in Walpers, Ann. is exactly copied from Linnaea 24: 236. 1851."

Paspalum variabile ? questioned by A.C.

Mex.?

Panicum pseudopubescent Nash, Bull. Torrey Club

26: 577. 1899.

"Type collected at Auburn, Lee Co., Alabama, May 7, 1898, by Messrs. F. S. Earle and C. F. Baker, No. 1537."

Man. U. S.

Panicum Pseudoryzoides Steud. Syn. Fl. Glum. 1: 75. 1854.

"*P. oryzoides* Salzm. non Swartz---Bahia."

Brazil

= *P. zizanioides* H.B.K.

H. & C. *Panicum*

Panicum Pseudosetaria Steud. Syn. Fl. Glum. 1: 39. 1854.

[not *Panicum strictum* R. Br.]

Based on "*Digitaria stricta* Roth. N. pl. sp. 38.

Setaria stricta Kunth. Ind. or. cited as synonym sub. Sect. *Digitaria*.

= *D. stricta* Roth.

East Indies

Panicum Pseudo-undulatifolium Roem. & Schult. Syst. Veg.

2: 437. 1817.

"In Cayenna"

French Guiana

Panicum pseudovirgatum Henrard, Repert. Nov. Sp. Fedde

18: 241. 1922.

"Hab. Indo-China gallica; Laos, Bassin d'Attopeu, expedition du docteur Harmand, janv. 1877, in Herb. B. Balansa sub nomine *Panicum virgatum* var. in Herb. Lugd. Batav. sub. no. 908, 92-1687."

[= *Panicum Harmandii* (Camus) Ichnanthus Harmandii Camus 1914.]

Panicum pseudowolcottii A. Camus, Bull. Soc. Bot.

France 105: 248. 1958.

Madagascar

"---dans les sables, de la côte Mahafaly,--Humbert et Swingle 5456;---5345 (type), 5302 (type); ---Humbert et Swingle 5388 bis;---Perrier (135) 11184; Humbert 20062; ---Boiteau 2619-52. Sud:---Humbert 29249;---Humbert et Capuron 29014, 29033. (see descr. in H. & C. library)

Panicum pseudowolcottii var. *latifolium* A. Camus,

Bull. Soc. Bot. France 105: 248. 1958.

Madagascar - Bush xérophile----

Quest: env. de Maroasy, Perrier 11,100 (co-type). Sud: env. d'Tsihombe, alt. 20-50 m., Humbert et Swingle 5564 (type); environs d'Antanimoro (Androy), 20-35 km. au N. vers Ambia,---alt. 200-500 m. (Humbert & Capuron 2883); cap Sainte-Marie, Humbert et Capuron 29249. Sud-Ouest, près d'Itampolo, Humbert et Swingle 5388 bis (co-type); Ambovombe (Androy) Decary 2561,---d'Atomsinty---(Humbert 20,062).

Panicum psilanthum Steud. Syn. Fl. Glum. 1: 66. 1854.

"ex Hrbo. Deloche lectum in Montevideo"

Uruguay

Panicum psilocaulon Steud. Syn. Fl. Glum. 1: 50. 1854.

"Am. austr."

Panicum psilopodium Trin. Gram. Pan. 217. 1826.

"V. spp. Ind. or (Lindley s. n. Pan. ramosi Koen. et Pan. virgati Roxb.)"

East Indies

Panicum psilopodium var. *coloratum* Hook. f. Fl. Brit.

Ind. 7: 47. 1896.

Simla and Garwhal, up to 6000 ft., Mt. Abu, Duthie; Shan Hills, Burma, Collett."

India

Panicum psilopodium var. *epaleatum* Keng, Claves gram. prim. Sinicarum 220. 1957. nom. nud.

China

Panicum psilostachyum Hochst. ex Dur. & Schinz, Consp.

Fl. Afr. 5: 768. 1894.

= *Digitaria*

Panicum Pterigodium Trin. Gram. Pan. 227. 1826.

"*Pterigodium junceum* N. ab Es! in

"Mart Fl. Bras. ined.

"V. sp. Brasil (N. ab. Esenb.)"

§ *Otachyrium*

Panicum pterygodium var. *majus* Doell in Mart. Fl. Bras.

2: 254. 1877.

"a ol. Spruce ad Rio Negro fluvium lecta."--

§ *Otachyrium*

Brazil

Panicum puberulum (Link) Kunth, Rév. Gram. 1: 32. 1829.

Based on "*Digitaria puberula* Link."

[Asia]

= *Digitaria*

Panicum puberulum Trin. Mém. Acad. St. Pétersb. VI Sci.

Nat. 1: 277. 1834. Not Kunth 1829.

"Brazil"

= *P. sellowii*

Amer. tropics

Panicum puberulum Kunth var. *tricoostulatum* Haek. Oesterr.

Bot. Zeit. 51: 332. 1901.

Griffinsshell in Natal (Behmann 7306).

Basis of *Digitaria tricoostulata* (Haek.) Henr.

Africa

Panicum pubescens Lam. Encycl. 4: 748. 1798.

"Second specimen cited: ...Michaux...Basse Caroline" first specimen rejected because it is mentioned as a depauperate specimen."

= *P. scoparium* Lam.

Man. U. S.

Panicum pubescens Michx. Fl. Bor. Amer. 1: 49. 1803.

"= *dichotomum*." Error in Ind. Kew. 2: 418. 1894. ^{not Lam. 1798}

In Michx. l.c. is "*Panicum pubescens* Lam.---Hab. in herbosis sylvarum Carolinae." *P. pubescens* Lam. = *P. scoparium* Lam.

Man. U. S.

Panicum pubescens R. Br. Prodr. Fl. Nov. Holl. 190.

1810. Not Lam. 1798.

"(T.) Littora Novae Hollandiae intra tropicum."

Basis of *Panicum pubigerum* Roem. & Schult.; also basis of *Brachiaria ramosa* Stapf var. *grandiflora* Hughes "nom. nov."

Australia

Panicum pubescens Hort. ex Kunth, Enum. Fl. 1: 59. 1833,

as syn. of *Paspalum elegans* Fluegge which = *Paspalum tenellum* Willd.

Berlin Bot. Garden [America]

Panicum pubescens Michx. [error Ind. Kew] misappl. by Trin. Mem. Acad. St. Pétersb. VI. Sci. Nat. 1: 301. 1834.

[Michx. error for Lam.]

Trinius cites several diverse species under this name, all U. S. A.C.

Panicum pubescens Presl ex Steud. Nom. Bot. ed. 2.

2: 262. 1841, as syn. of "*P. glutinosum*" [error]

Panicum pubescens var. *barbulatum* (Michx.) Britton, Cat. Fl. N. J. 280. 1889.

Based on *P. barbulatum* Michx.

= *P. barbulatum* Michx. Man. U. S.

Panicum pubescens var. *longipilum* Desv. Opusc. 88. 1831.

No loc. cited

Panicum pubescens var. *minor* Poir. in Lam. Encycl. Suppl. 4: 272. 1816.

Bosc---Carolina

"Poirer gives this name to the small Sherard plant described by Lamarck under *P. pubescens*, retaining *P. pubescens* for the Michaux plant which = *P. scoparium* Lam. The type [of *P. pubescens* minor] appears to be an Indian species close to *P. villosum* as described in Hook. Fl. B. Ind."--A.S.H.

India

Panicum pubiflorum Trin. Gram. Pan. 150 [error in Ind. Kew. 3: 418. 1894]

[Trin. ex Dietr. Syn. Fl. 1: 256. 1839, error for *P. jubiflorum* Trin. probably source of error]

[Australia]

"= *gracile*." error.

Panicum pubifolium Nash, Bull. Torrey Club. 26: 577. 1899.

Based on "*P. latifolium* var. *molle* Vasey, Contr. U.S. Nat. Herb. 3: 33, 1892. Not *P. molle* Sw. 1788." Description given, but evidently change of name. No type cited."--A.C.

[Virginia to La.]

= *P. bosonii* var. *molle* (Vasey) H. & C. Man. U. S.

Panicum pubifolium Mez, Bot. Jahrb. Engler 34: 137. 1904. Not Nash, 1899.

"Ost-Afrika: Ukamba (Hildebrandt n. 2665)."

Basis of *Brachiaria pubifolia* (Mez) Stapf.

Panicum pubigerum Roem. & Schult. Syst. Veg. 2: 460. 1817.

Based on "*P. pubescens* R. Br." [not Lam.]

= *Brachiaria ramosa* var. *grandiflora* Hughes

Australia

Panicum pubiglume Stapf in Cheval. Sudania 17, (name); Stapf in Prein, Fl. Trop. Afr. 9: 670. 1920.

"Upper Guinea. French Sudan: Sikasso, Chevalier 805!"

Africa

Panicum pubinode Hochst. ex A. Rich. Tent. Fl. Abyss. 2: 363. 1851.

"in pl. Schimp. Abyss., sect. III, no. 1855."

"Crescit in convalle fluvii Tacazzé....(Schimper)."

T = *Brachiaria eruciformis* (J. E. Smith) Griseb.

Africa

Panicum pubivaginatatum Schum. in Engl. Pflanzenw. Ost.-Afr. 5⁹: 102. 1895.

"Sansibar--Insel, Hildebrandt 1187);--

"Usambara..Maschana--Holst n. 8816)."

Africa

Panicum pulchellum Raddi, Agrost. Bras. 42. 1823.

"Insylvaticis prope Catumbi, non procul ab Urbe Rio de Janeiro. H. & C. Panicum T
Brazil

Panicum pulchellum (Roth) Spreng. Syst. Veg. 1: 322. 1825. Not Raddi, 1823.

Based on "*Isachne pulchella* Roth.)"

" " " " "

"India orientali, Heyne."

Panicum pulerum Willd. ex Spreng. Syst. Veg. 1: 272. 1825; ex Trin. Gram. Pan. 88. 1826.

Willd. herb. name cited by Spreng. as syn. of "*Digitaria aurea* Spreng." and by Trin. as syn. of "*Paspalum aureum* Kunth."

"Nov. Granat. Brasil."

"*Panicum pulerum* W. herbar.)"

Panicum pulipes C. Muell in Walp. Ann. Bot. 6: 953. 1864.

"*Panicum pulipes* (Sect. IV) Nees et W. Arn. mss. Buse. Buse in pl. Jungh III. p. 376.

Hab. in Javae silvas in sinu Wijnkoopehaai. (Jungh.)" error for *P. pilipes* Nees & Arn. 1854 q.v.

Panicum pumilum Raf. Med. Repos. N. Y. 5: 353. 1808.

Name only, no loc. nor spec. cited.

No specimen in existence so far as known.

"Unidentified Names" Man. U. S.

Panicum pumilum Poir. in Lam. Encycl. Suppl. 4: 273. 1816. Not *P. pumilum* Raf. nom. nud. 1808.

Unknown. "(V. s. in herb. Desfont.)."

"Les épis sont petits, longs de trois à quatre lignes 3 to 4 lines = 6-8 mm.

misapplied by Pilger, Nat. Pflanzenf. 14e: 72. 1940. to *Setaria lutescens* (Weig.) Hubb.

= *Setaria pumila* (Poir.) Roem. & Schult.

Panicum pumilum Link, Enum. Fl. 1: 76. 1821. Not Poir. 1816.

Sect. *Setaria* "Affine *P. viridi*."

Hort. Berlin.

Panicum pumilum Bosc. ex Nees, Agrost. Bras. 228. 1829, as syn. of *P. laxiflorum* Lam. Not Poir. 1816.

"Bosc (Herb. Willd.)"

= *P. xalapense* H.B.K. Man. U. S.

Panicum punctatum Burm. Fl. Ind. 26. 1768.

"Cites same Pluk. polynom. & plate as Linn. does for *P. brizoides* L."

"Habitat in India."

Species doubtful---A.S.H.

Asia

Panicum punctulatum Arn. ex Steud. Syn. Fl. Glum. 1: 62. 1854.

"Ins. Zeylon" Ceylon

Panicum pungens Poir. in Lam. Encycl. Suppl. 4: 273. 1816.

Based on "*P. muricatum* Michx., non Lam. Dict."

Canada - banks Lake Champlain & Lake Ontario

= *Echinochloa crusgalli* Man. U. S.

Panicum pungens Trin. Gram. Pan. 210. 1826. Not Poir. 1816.

"V. spp. Brasil (Langsdorff)

T [Lorea group]

Panicum purpurascens Opiz, Flora 5: 266. 1822, nom. nud.

"Frag"---not one word of description

Eur. Bohemia

Panicum purpurascens Raddi, Agrost. Bras. 47. 1823.

No locality nor specimen cited. Manual gives: Rio de Janeiro, Brazil, Raddi.

Man. U. S.

Panicum purpurascens Mez, Bot. Jahrb. Engler 57: 188. 1921. Not Raddi, 1823.

"Ostafrika (Fischer n. 653); Togo (Schroeder n. 146); Nigeria (Johnson n. 1032)"

Africa

Panicum purpureum Ruiz. & Pav. Fl. Peruv. Chil.

1: 48. 1798.

"Habitat in praeruptis Tarmae ad Acobamba vicum." So. Amer.

[Peru]

Panicum pusillum Hook.f. Journ. Linn. Soc. Bot. 7: 227. 1864.

"Hab. Cameroons Mountains." Collected by Mr. Gustav Mann.

Africa

Panicum pyonanthum Steud. Syn. Fl. Glum. 1: 70. 1854.

"Hrbr. Deloche ex Monte Video."

T = *P. grumosum* Nees

Panicum pyonoclados Tutin, Journ. Bot. Brit. & For. 72: 340. f. 10. 1934.

"Hab. Kaietuk savanna, Potaro River. Damp shady place near the top of the Fall; [Tutin] no. 508; Aug. 20, 1933. Typus in Herb. Mus. Brit."

British Guiana

Aff. *P. cordovensi* Fourn. & *P. ovulifero* Trin.

P. albovittatum Swallen 1939 = this

Panicum pyonocoomum Steud. Syn. Fl. Glum. 1: 462. 1855.

(substituted by Steud. for *P. comosum* p. 417.) not p. 53

Japonia

= *Setaria pyonocoma* (Steud.) Henr.

Panicum pygmaeum R. Br. Prodr. Fl. Nov. Holl. 191.
1810.

"Apud Portum Jackson, inclusis ripis aestuarii
Hunter's River vel Coal River."

Australia

Panicum pygmaeum R. Br. misappl. by Spreng. Syst. Veg.
1: 312. 1825.

"Nov. Holl. Ins. Franc."

Basis of *P. serpens* Kunth

Panicum ? *pygmaeum* R. Br. misappl. by Bojer, Hort.
Maurit. 365. 1837.

Mauritius. Indian Ocean

Panicum pyramidale Lam. Tabl. Encycl. 1: 171. 1791.

"E. Senegal. D. Roussillon."

Africa

= *Echinochloa pyramidalis* (Lam.) H. & C.

Panicum pyramidale var. *hebetatum* Stapf in Thiseit.-
Dyer, Fl. Cap. 7: 396. 1899.

Coast region: Var.: Uitenhage Div.; without precise
locality, Ecklon & Zeyher!"

Africa

Echinochloa

Panicum pyramidale var. *quadrifarium* (Hochst.) Chiov.
Ann. Ist. Bot. Roma 8: 298. 1908.

Based on *P. quadrifarium* Hochst.

T = *Echinochloa*

Adoua (Quartin Dillon, Schimper) Schimper Abyss. sect
1. no. 206
in T

Panicum pyramidale var. *spadiceum* Peter, Repert. Sp.
Nov. Fedde (Beih.) 40: 180, 182 & Anhang 33. pl. 21.
f. 2. 1930.

"Deutsch Ost Afr.: Mbulu: Gräben und Sumpfbach Maari
unter der Boma Mbulu [specimina authentica] 43698,
43718)." Peter Coll.

Africa

Panicum pyriforme Nash, Bull. Torrey Club. 26: 579.
1899.

"Type collected by the writer in clay soil, at
Orange Bend, Lake Co., Florida, March 12-31. 1894,
no. 239."

= *P. laxiflorum* Lam. Man. U. S.

Panicum pyrularium Hitchc. & Chase, Contr. U. S. Nat.
Herb. 17: 508. f. 95. 1915.

"Type in the U. S. National Herbarium, no. 715639,
collected between Hato del Jobo and Cerro Vaca,
eastern Chiriqui, Panama,....December 25 to 28, 1911,
by H. Pittier (no. 5416)."

Or. Cent. Amer.

Panicum quadrifarium Hochst. Flora 24 (Intell. 1):
19. 1841, nom. nud.; ex A. Rich. Tent. Fl. Abyss.
2: 367. 1851.

"in pl. Schimp. Abyss., sect. 1, no. 206."

"Crescit ad marginem stagnorum et in locis paludosis
prope Adoua....(Quartin Dillon, Schimper)."

= *Echinochloa pyramidalis*?
Abyssinia

Panicum quadriglume (Doell) Hitchc. Contr. U. S. Nat.
Herb. 24: 460. 1927.

Based on *Panicum cayennense* var. *quadriglume* Doell
Caldas (Regnell III. n. 1406)

Brazil

Panicum Quale L. ex Beauv. Ess. Agrost. 170. 1812, as
syn. of *Setaria viridis*

Panicum quale- Linnaei Krook. Fl. Siles. 1: 88. 1787.

Germany

Panicum queenslandicum Domin, Repert. Sp. Nov. Fedde
10: 58. 1911.

"Queensland: Condamine river, coll. Hartmann."

"P. proluto affine"

Australia

Panicum queenslandicum var. *acuminatum* Vickery, Contr.
New South Wales Nat. Herb. 1: 334. 1950.

Holotype: New South Wales: Glen Innes, H. Wenholtz,
3.1913 (NSW. No. 8211. Duplicate at Kew).

Australia

Panicum quetameense Mez, Notizbl. Bot. Gart. Berlin
7: 75. 1917.

"Ecuador: ad Quetame in declivitatibus orientalibus
Andium Bogotensium (André n. 3210)."

[not in Ecuador but Colombia]

Panicum quinquangulare Ham. ex Wall. List n. 8725 B.
1849, nom. nud.

India

Panicum racemiferum Steud. Syn. Fl. Glum. 1: 64. 1854.

"Cayenne"

French Guiana

Panicum racemiferum Wawra, Oesterr. Bot. Zeitschr.
12: 171. 1862. Not Steud. 1854.

"Brasilia; Culta in o. r. hort. Schönbr."'

(Austria)

Panicum racemosum (Beauv.) Spreng. Syst. Veg. 1: 313.
1825; Rasp. Ann. Sci. Nat. I. 5: 299. 1825.

Both based on "*Monachna racemosa* P. B."

[Beauv.]
Urvilleana group.

S. Amer.

Panicum Raddianum Steud. Syn. Fl. Glum. 1: 45. 1854.

Based on "*Oplismenus brasiliensis* Radd."

= *Oplismenus hirtellus* (L.) Beauv.

Tejucco Brazil

Panicum radiatum (Vickery) St. John, Pacific Science
13: 158. 1959.

Based on *Paspalidium radiatum* Vickery, N. S. Wales
Nat. Herb. Contr. 1(6): 332-334. 1950. Not
Panicum radiatum R. Br.

(Hawaii) Niihau,---Nov. 1, 1939, G. C. Munro; Kiekie,
50 ft. alt. cultivated pasture grass, St. John
23,661. The Munro collection had once been deter-
mined as *Paspalidium caespitosum* C. E. Hubb.

Panicum radiatum R. Br. Prodr. Fl. Nov. Holl. 192.
1810.

"(J.) apud Portum Jackson, inclusis ripis aestuarii
Hunter's River vel Coal River."

Australia

Panicum radicans Retz. Obs. Bot. 4: 18. 1786.

"Ad Canton lectum dedit Honor. Wennerberg."

China

Panicum radicans var. *laxiflorae* Boerl. Ann. Jard. Bot.
Buitenzorg 8: 62. 1890.

Buitenzorg, Java

"Panicule dressée, mais souvent étroite, irrégulière
et à épillets peu nombreux"

Panicum radicosum Presl, Bel. Haenk. 1: 297. 1830.

"Hab. ad Sorzogon Luzoniae"

= *Digitaria timorensis* (Lunth) Balansa
in Henr.
Philippine Islands

Panicum radicosum Mez, Bot. Jahrb. Engler 57: 189. 1921.
Not Presl 1830.

"Franz. Sudan (Lécard n. 251.)"

Africa

Panicum radula Mez, Bot. Jahrb. Engler 57: 189. 1921.

"Sudwestafrika (Morgenstern, Typus)"----

T

Africa

Panicum Rafinesquianum Schult. Mant. 2: 257. 1824.
(Cf. Raf. Journ. Bot. 4: 273)

See "R. Schmalz, Journ. Bot. IV. p. 273." descr.
translated from Rafinesque's descr. of *P. flexuosum*.
Based on *P. flexuosum* Raf.

Given under *P. flexuosum* in "Unidentified Names" in
Man. U. S.
New Jersey U.S.

Panicum ramiparum Swallen, Contr. U. S. Nat. Herb. 29:
423. 1950.

Type in the U. S. National Herbarium No. 1914983,
collected in mountains near Santa Maria, south of
Quezaltenango, Department of Quezaltenango, Guatemala
March 25, 1932, by Paul Weatherwax (No. 160).

Panicum ramisetum Scribn. U. S. Dept. Agr. Div. Agrost.
Circ. 27: 9. 1900.

Based on *P. subspicatum* Vasey not Desv.

Texas (Nealley) Man. U. S.

Panicum ramosissimum Trin. Mem. Acad. St. Pétersb. VI.
Sci. Nat. 1: 312. 1834.

See A.S.H. Eur. Notes 2: 115 with his fieldbooks.

"*Panicum parvifolium* y, 2. N. ab Es. Agr. bras. p. 225.
cited.

"V. sp. Bras. merid."

South America

"Not N. Amer."--A.C.

Panicum ramosissimum C. Cordem in E. Cordem. Fl. Ile
Reunion 117. 1895. Not Trin. 1834.

"Rare. Littoral." Ile de la Reunion.

Indian Ocean

Panicum ramosius Hitchc. Journ. Bot. Brit. & For.
71: 6. 1933.

[*Panicum Beecheyi* Hook. & Arn. misappl. by Hitchc.
Mem. Bishop Mus. 8: 184. f. 73. 1922]

"Type in the U.S. National Herbarium, no. 1,535,767..
collected at Manili, island of Lanai, Hawaiian Islands
May 2, 1918, by George C. Munro."

= *P. reptans* L.

Panicum repens L. misappl. by Nees, *Agrost. Bras.* 171, 236. 1829.

p. 171 "India orientali (Lin.); in Insula mauritii (Sieb. Herb. n. 34)"

"*Panicum multinode* Lam." cited as ? syn.

p. 236 Nees given as author, ^α Ins. France
Borbonia ins.

Panicum repens L. misappl. by Thwaites, *Enum. Pl. Zeyl.* 360. 1864. Not L., 1762.

Ceylon

Panicum repens var. *agresta* Sickenb. *Mém. Inst. Égypt.* 4: 301. 1901, without descr.

[Nile Delta Region]

"N. Caire! Erment! [Egypt]"

Panicum repens var. *arenarium* (Brot.) Kuntze, *Rev. Gen. Pl.* 363. 1898.

Based on *P. arenarium* Brot.

occurrit in Algarbiis [Algarbia. Portugal]

= *P. repens* L. H. & C. *Panicum*

Panicum repens var. *arenarium* f. *minor* Kuntze, *Rev. Gen. Pl.* 363. 1898.

"Beira, Ostafrika."

Panicum repens var. *confertum* Vasey, *Bull. Torrey Club* 13: 25. 1886.

Erroneously given as "Collected in Louisiana by A. B. Langlois." Type from Bay St. Louis, Miss., Langlois.

= *P. gounii* Fourn. Man. U. S.

Panicum repens var. *crassicaule* Kuntze, *Rev. Gen. Pl.* 363. 1898.

[description given is not of var. but of "forma maxima" which follows after variety]

"Natal: Clairmont, in Sümpfen"

Africa

Panicum repens var. *elatum* Lojac. *Fl. Sicul.* 3: 267. 1909.

"Palermo Herb. Pan."

Sicily

Panicum repens var. *fluviatile* Sickenb. *Mém. Inst. Égypt.* 4: 301. 1901, without descr.

[Mediterranean Region]

"Damiette."

Egypt

Panicum repens f. *genuinum* Maire et Weiller (Type de 1'espece). *Flore de l'Afrique du Nord* 1: 316. 1952

= *P. repens*

Panicum repens var. *glabrescens* Batt. & Trab. *Fl. Alger.* Monoc. 133. 1895.

"Béghaïa." Algeria.

Africa

Panicum repens var. *leiozonum* Delile ex Schweinf. *Bull. Inst. Égypt.* II. 8(1887): 329. 1888.

Egypt; ancient gardens

Panicum repens var. *paludosum* (Roxb.) Kuntze, *Rev. Gen. Pl.* 363. 1898.

Based on *Panicum paludosum* Roxb.

Circular Mts. India

Panicum repens Buckl. *Prel. Rep. Geol. Agr. Survey Tex. App.* 3. 1866.

"Texas [Buckley]"

= *P. obtusum* H.B.K. Man. U. S.

Panicum reptans L. *Syst. Nat.* ed. 10. 2: 870. 1759.

No locality given. [Specimen from Jamaica, Browne]

West Indies

Man. U. S.

Panicum reptans (Lam.) Kunth, *Rev. Gram.* 2: 219. pl. 21. 1830. Not L. 1759.

Based on "*Saccharum reptans* Lam."

= *Panicum racemosum* (Beauv.) Spreng.

"Monte-video--Comers."

Panicum rescissum Trin. *Mém. Acad. St. Pétersb.* VI. *Sci. Nat.* 1: 218. 1834.

"V. spp. Guin."

Africa

= *Setaria longiseta* Beauv. in Stapf

Panicum respiciens Hochst. ex A. Rich. *Tent. Fl. Abyss.* 2: 379. 1851, as syn.

= *Setaria verticillata* (L.) Beauv.

Abyssinia, Africa

Panicum respiciens (A. Rich.) Hochst. ex Steud. *Syn. Fl. Glum.* 1: 52. 1854.

Based on "*Pennisetum respiciens* A. Rich."

= *Setaria verticillata* (L.) Beauv.

"Abyssinia Africa

'fluvi Tacazze(Dillon & Schimper 1854)'

Panicum restioideum Franch. *Bull. Soc. Hist. Nat.* Autun 8: 353. 1893.

"Hab.--Congo, sables humides de la plaine de Mpila, près de Brazzaville (J. de Brazza et Thollon, n. 70)."

Africa

= *Setaria restioidea* (Franch) Stapf

Panicum restitutum Steud. *Syn. Fl. Glum.* 1: 53. 1854.

"Domingo." typonym of *Setaria elongata* Spreng.

= *Setaria setosa* (Sw.) Beauv.

Man. W. I.

Panicum reticulatum Torr. in Maroy, *Expl. Red Riv.* 299. 1852.

in Col. Univ. herb.; photo and spikelets in Nat. Herb. Main Fork of Red River. Maroy Exped. (G. G. Shumard)

Texas

= *P. fasciculatum* var. *reticulatum* (Torr.) Beal

Man. U. S.

Panicum reticulatum Griseb. *Abh. Ges. Wiss. Göttingen* 7: 264. 1857. Not Torr. 1852.

"legit Duch[issing] sine loco designatione (aut in Caribaeis aut in isthmo panamensi)."

[Griseb. (Pl. W. Ind. 547) refers this to *P. fuscum* Swartz]

West Indies or Panama

= *P. fasciculatum* Swartz. Man. U. S.

Panicum reticulatum Thwaites ex Trimen, *Journ. Bot.*

Brit. & For. 23: 271. 1885. Not Torr. 1852.

Cited as "Thw. ms." Trimen, op.

[cit. 272 says, "I believe our plant to require a name, and I now leave it under Thwaites' very appropriate appellation, though in the list of additional C. P. numbers at the commencement of this paper [op. cit. 139] I have given it as *P. caesium* Nees."]

"Hab. Borders of paddy fields, Hewessee, Pandum Korle Aug. 1865 (C. P. [i.e., Ceylon Plants] 3890 in Herb. Perad.); Culloden Estate, near Kalutara, 1881, W. Ferguson."

Ceylon

Panicum retiglume Domin, *Repert. Nov. Sp. Fedde* 10: 119. 1911.

"North Australia: Upper Victoria river, leg. Ferd. Mueller."

"Habitat *P. flavido simile*."

See *Paspalidium retiglume* Domin

Panicum retroflexum Steud. *Syn. Fl. Glum.* 1: 74. 1854.

"(ex Hrbo. Musci Paris) Guiana

Panicum retrofractum Delile ex Desv. *Opusc.* 96. 1831.

"America borealis"

[Type from Carolina]

= *P. dichotomiflorum* Michx. Man. U. S.

Panicum reverchonii Vasey, U. S. Dept. Agr. Div. Bot. *Bull.* 8: 25. 1889.

"Texas (Reverchon)" type Reverchon, near Dallas, Tex. Type is in Nat. Herb.

Man. U. S.

(See also *Contr. U. S. Nat. Herb.* 2: 503. 1894; 3: 26. 1892).

Panicum reversipilum Steud. *Syn. Fl. Glum.* 1: 76. 1854.

"Urville legit prope Conception, Chili."

Panicum reversum F. Muell. *Fragm. Phyt. Austr.* 8: 152. 1874.

"In vicinia lacus Amadei; Giles"

= *Paratenium novae-hollandiae* Beauv.

Australia

Panicum rhabdinum Steud. *Syn. Fl. Glum.* 1: 96. 1854.

Based on "*Isachne virgata*. Nees mpt. Java."

Panicum rhachitrichum Hochst. *Flora* 27: 254. 1844.

"(In pl. exsicc. Un. it. ex Kotschyti itin. Nubico sine nrv.)"

Nubia

= *Setaria barbata* Kunth in Stapf & Hubb. p. 856 last line.

[for *Panicum rhachitrichum* Hochst. misapplied by Rendle as basis of *Setaria rhachitricha* Rendle see *Setaria barbata* Kunth, fide Stapf.]

Africa

Panicum rhigiophyllum Steud. Syn. Fl. Glum. 1: 76. 1854.

"P. rigens Salzm. Hrbr. Bahia."

Brazil

= *P. rudgei*

H. & C. *Panicum*

Panicum rhignon Steud. Syn. Fl. Glum 1: 95. 1854.

"*Isachne rigida*. Nees npt. Java."

Panicum rhizogonum Hack. Verh. Zool. Bot. Ges. Wien
65: 73. 1915.

"Rio Grande do Sul, in silvis prope Paohinal dos Bois,
município Venancio Ayres, ...mart. 1910, leg. C.
Jürgens; Fazenda Soledade, Município Rio Pardo leg.
idem."

Brazil

T

Panicum rhizomatum Hitchc. & Chase, Contr. U. S. Nat.
Herb. 15: 109. f. 104. 1910.

† "U. S. National Herbarium no. 592752, ---Orangeburg,
S. C. by A.S. Hitchcock (no. 450)."

Man. U. S.

Panicum rhizophorum Fourn. ex Hemsl. Biol. Centr. Amer.
Bot. 3: 495. 1885, nom. nud.; Fourn. Mex. Fl. 2: 31.
1886.

"Orizaba (Bourg. n. 3025)."

In A.S.H. Eur. Notes 1: 10, 63, with his fieldbooks

= *Lasiacis rhizophora* (Fourn.) Hitchc.

Mex.

Panicum Richardi Aschers in Aschers. & Schweinf. Beitr.
Fl. Aethiop. 310 [error for 306] 1867.

Based on *P. trichanthum* A. Rich. Not Nees 1829.

Ambaetcha, regno Tigre (Dillon)...montis Sellauda
(Schimper) (no. 115)--

Abyssinia

Panicum Richardi C. Cordem. in E. Cordem. Fl. Ile
Reunion 118. 1895. Not Aschers & Schweinf. 1867.

"Cascade du Butoir à Saint Denis."

Ile Reunion

Indian Ocean

Panicum Ridleyi Hack. ex Ridl. Trans. Linn. Soc. Bot. II
3: 400. 1893, nom. nud.; Bot. Tidssk. 24: 98. 1901.

"von Ridley bei Pulau Besar (Malacca)

Malay Peninsula

Panicum Riedelii Trin. Gram. Icon. 3: pl. 323. 1832.

"Figura ad specimen Bahiense."

Brazil

= *Ichnanthus riedelii* (Trin.) Doell

Panicum rigens Swartz, Prodr. Veg. Ind. Occ. 23. 1788.

"Jamaica"

= *Isachne rigens* (Sw.) Trin.

Panicum rigens Mez, Bot. Jahrb. Engler 34: 141. 1904.
Not Swartz, 1788.

"Togo: Sokode-Basari (Kersting n. 595)."

(§ *Gomphopanicum*)

Afr. trop.

Panicum rigidifolium (Poir.) Kunth, Rev. Gram. 1: 37.
1829. Based on "*Agrostis* [Miliun] *rigidifolium*
Poir. in herb. Desf.,--St. Domingo.

Man. W. I.

Isachne rigidifolium (Poir.) Urban

Panicum rigidifolium Trin. Gram. Icon. 2: pl. 214. 1829.
Not Kunth, 1829.

"figura ad specimen Brasiliense."

type in Trin. herb. St. Petersburg., spikelets in Nat.
Herb. A.S.H. 2: 108. Eur. Notes with his fieldbooks

Basis of *Panicum trinitii* Kunth

T = *Sacciolepis*

Brazil

Panicum rigidulum Bosc ex Spreng. Syst. Veg. 1: 320.
1825, as syn. of *P. anceps* Michx.; Nees, Agrost.
Bras. 163. 1829.

1st ref.: Based on "*rigidulum* Bosc, W. herb."

2nd ref.: "Habitat ... (Vidi in Herb. Willd.)"

Specimen in Willd. herb. = *P. agrostoides*.

= *P. agrostoides* Spreng. Man. U. S.

Panicum rigidum Balf. Proc. Roy. Soc. Edinb. 12: 97.
1884.

[Date of meeting is Jan. 29, 1883--Date of t.p. is
1884]

"Socotra, prope Galonsir et Tamarida.

B.C.S. [Balfour, Cockburn, & Scott] Nos. 130, 561.
Schweinf. No. 346."

Indian Ocean Isls.

Panicum rigidum Swallen, Ann. Missouri Bot. Gard.
30: 215. 1943. Not Balf., 1884.

"Panamá: Sabana de Juan Corso, near Chepo...Pittier
4526 (U. S. Nat. Herb., type)."

Central Amer.

Basis of *P. sublaeve* Swallen 1950

Panicum rigiophyllum Doell in Mart. Fl. Bras. 2: 220.
1877; as syn. *Panicum cayennense* Lam.

= *cayennense*

Panicum Rivae Chiov. Ann. R. Ist. Bot. Rom. 7: 62.
pl. 3. f. 2. 1897.

"D. Riva, n. 303. (150)"

"Deserto di Ogaden" [Somali]

= *Digitaria rivae* (Chiov.) Stapf

Africa

Panicum rivale Swallen, Bull. Torrey Club 75: 87. 1948.

"on banks of lower Augustus Creek, 200 m. above falls
525 m. altitude, Tafelberg, Surinam, September 13,
1944, Maguire 24732."

T

Panicum rivulare Trin. Gram. Fan. 213. 1826.

"V. spp. Brasil. (Langsdorff.)
U.S. T ?

Panicum rivulare var. *grumosum* (Nees) Hack. Repert.
Sp. Nov. Fedde 6: 343. 1909.

Based on "*P. grumosum* Nees"

= " " " " T

Monte Video (Sellow) Uruguay

Panicum Roanokense Ashe, Journ. Elisha Mitchell Soc.
15: 44. 1898.

"Type material collected by writer in dry soil,
Roanoke Island, N. C. June 1898." Ashe

Man. U. S.

Panicum Robynsii Camus, Bull. Mus. Hist. Nat. (Paris) II
5: 336. 1933.

Based on "*Panicum Humbertii* Robyns...not Camus"

District des Lacs Albert et Édouard. Vallée de la
Semliki à l'Est de Beni....juillet 1929, Humbert
8759 (type)

Belgian Congo

Panicum Rohrii Nees ex Steud. Syn. Fl. Glum. 1: 76.
1854.

"Ex plantis Rohrii in Hrbo. Lehmann. Ind. occ."

W. I.

Panicum ropalotrichum (Buse) Koorders in Koorders-Schum.
Syst. Verz. 1, Abteilung. Nachtrag 5 le: 1. 1913.

Based on *Digitaria ropalotrichum* Buse

= " " " " in Henr.

Java prope Pesawahan...Jungh.

Panicum roseum Willd. ex Spreng. Syst. Veg. 1: 251.
1825.

"Ins. Mascaren."

Panicum roseum (Nees) Steud. Syn. Fl. Glum. 1: 92. 1854.
Not Willd. 1825.

emended by Kuntze, Rev. Gen. Fl. 3: 363. 1898 to
include *P. tonsum* Steud.

Based on *Tricholaena rosea* Nees

= *Rhynohelytrum roseum* (Nees) Stapf & Hubb.

Cape Drège

Africa

Panicum roseum var. *album* (Nees) Kuntze, Rev. Gen. Fl.
3: 363. 1898.

"*Tricholaena rosea* var. *alba* Nees in Cat. Sem. Hort.
Vratislav a. 1836"; in Agrost. Cap. 17. 1841, pre-
sumably basis but "*β album* Nees" only cited by
Kuntze.

= *Rhynohelytrum roseum*

"*album*"
[faded panicle, presumably]

Cape, Africa Drège

Panicum roseum var. *planifolium* Kuntze, Rev. Gen. Fl.
3: 363. 1898, without descr.

"Orange freistaat: Bloemfontein"

= *Rhynohelytrum*

Africa

Panicum roseum var. *planifolium* f. *hirtum* Kuntze, Rev.
Gen. Fl. 3: 363. 1898.

Orange freistaat: Bloemfontein

Cape, Africa

Panicum rigens Salzm. ex Steud. Syn. Fl. Glum 1: 76.
1854. Not Swartz, 1788.

"Salzm. Hrbr. Bahia."

Brazil

= *P. rudgei* R. & S.

Rev. H. & C.

Panicum roseum var. *setifolium* Kuntze, Rev. Gen. Pl.
134 363. 1898.

"Natal: Colenso"

Africa

Panicum roseum var. *setifolium* f. *hirtum* Kuntze, Rev.
Gen. Pl. 3(3): 363. 1898.

Natal: Colenso

Panicum rostellatum Trin. Mém. Acad. St. Pétersb. VI.
Sci. Nat. 1: 288. 1834.

"V. sp. Bras."

T

Panicum rostratum Muhl. in Willd. Enum. Pl. 1032. 1809.
Muhl. Descr. Gram. 121. 1817. name only, Muhl. An.
Phil. Soc. 4: 236. 1799.

Willd.—"Habitat in sylvaticis humidis Pennsylvaniae,
Carolinae. 4-P [frigidaria fide preface]"

Muhl.—"in pratis---Penns. Carol. Cherokee."

= *P. anceps* Michx. Man. U. S.

Panicum rostratum Heer, Fl. Tert. Helv. 1: 67, pl. 25.
f. 4. 1854. Not Muhl. 1809.

fossil - Switzerland

Panicum Bothii Spreng. Syst. Veg. 1: 310. 1825.

Based on "(*P. hirtum* Roth. not Lam.)"

East Indies (Hayne)

Panicum rothboelliioides H.B.K. Nov. Gen. & Sp. 1: 96.
pl. 32. 1815.

"Crescit in humidis ripae Orinocensis inter Maypures
et montes Sipapo."

= *Mesosetum rothboelliioides* (H.B.K.) Hitchc.

Colombia

Panicum Rottleri Swartz, Adnot. Bot. 7. 1829.

of Kunth, 1829.

"Hab. in agris oryzaceis aquaticis Indiae orientalis:
Rottler."

East Indies

Panicum Rottleri Kunth, Rev. Gram. 1: 33. 1829.

of Swartz 1829.

Based on "*Panicum nervosum* Rottl., Willd. Not Lam.
1798.

Basis of *Digitaria nervosa* (Rottler) Roem. & Schult.
fide Henr. 1891.

= *D. sanguinalis* ssp. *vulgaris* (Sohrad.) Henr. var.
rottleriana Henr.

Africa Cap. B. Sp.

Panicum Rottleri (Spreng.) Nees, Fl. Afr. Austr. 53.
1841. Not Kunth 1829, nor Swartz 1829.

Based on "*Setaria rottleri* Spr."

Ind. Or.

= *Setaria verticillata* (L.) Beauv.

Panicum rottleri var. *maius* Nees, Fl. Afr. Austr.
1: 54. 1841. Not Swartz 1829, nor Kunth 1829.

"*Panicum* (*Setaria*) *rottleri* Spr. in Nees, Fl. Afr.
Austr. 53. 1841."

"in ripa Key fluvii, (Drège)."

= *Setaria verticillata* (L.) Beauv.

So. Africa

Panicum rottleri var. *minor* Nees, Fl. Afr. Austr.
1: 53. 1841.

"in cultis ad flumen Zwartkopsrivier (Uitenhage),
Ecklon; in cultis ad flumen Garip prope Verleptpram
vix 300 alt. et ad confluentiam rivuli Sternbergs-
spruit et Garip fluvii alt. 4200; (Drège)."

= *Setaria verticillata* (L.) Beauv.

Panicum rotundum Hitchc. & Chase, Contr. U. S. Nat.
Herb. 15: 139. f. 134. 1910.

"U.S. National Herbarium No. 824039, collected in
1845, in the Province of Minas Geraes, Brazil, by
Widgren, 'Ex herb. Brasil Regnallian. Musci bot.
Stockholm', and distributed as '*Panicum cayennense*
Lam.'"

= *P. campestre* Nees

Panicum rovinense Pilger, Engl. Bot. Jahrb. 33: 47.
1904.

(§ *Brachiaria*)

Deutsch-Ostafrika: bei Kwa-Schamba am Rovuma---
(Busse n. 1016) Africa.

§ *Brachiaria* in Stapf, Fl. Trop. Afr. 9: 603. 1920.
Stapf suggests this belongs rather in *Urochloa* than
in *Brachiaria*.

Panicum Rowlandii Stapf, Fl. Trop. Afr. 9: 688. 1920.

"Upper Guinea. Southern Nigeria: near Lagos,
Rowland!"

Africa

Panicum Roxburghianum Schult. Mant. 2: 245. 1824.

Based on "*Panicum uliginosum* Roxb." [in R. & S. 1817.
= " " " " [1814 nom. nud.]

P. uliginosum Roxb. in Roem. & Schult. valid publi-
cation.

India

Panicum Roxburghii Spreng. Syst. Veg. 1: 320. 1825.
Not roxburghianum Schult 1824.

Based on *P. tenellum* Roxb. [1820, not Lam. 1791] cited
"Ind. orient."

= *trypheron* Schult. [valid name]

Panicum royleanum Nees in Royle, Illust. Bot. Himalayan
Mts. & Pl. Cashmere 1: 416. 1839, nom. nud.

Mussoree (p. 417) India

see Nees ex Steud. 1854.

Royle... "regrets that want of space has compelled him
to omit the characters of [Gramineae, named by Prof.
Nees von Esenbach] which he has therefore made over
to the Linnean Society." p. VIII. 1839.

Panicum Royleanum Nees ex Steud. Syn. Fl. Glum.
1: 47. 1854.

"(mspt. et in Royle hrbo.)".... "*P. pyramidale*
Hamilt. in Wall. List nr. 8700 B. 4 Benglia."

India

Panicum rubescens Larran. Escrit. D. A. Larran. 2: 29.
1923. [Publ. Inst. Hist. Geogr. Urug. 2: 29. 1923]

[Uruguay]

Panicum rubigerum Steud. Nom. Bot. ed. 2. 1: 567. 1840,
error for *nubigenum*, as syn. of *Aira montana* Gaudich.
[an unpublished name, probably *Aira montana* L. mis-
applied] in Ind. Kew. 2: 418. 1894.

Panicum rubiginosum Steud. Syn. Fl. Glum. 1: 50. 1854.

"Herbr. Cuming nr. 551. Ins. Philip."

Basis of *Setaria rubiginosa* (Steud.) Miquel

Panicum rubrum Vanderyst, Bull. Agr. Congo Belge 10:
248. 1919.

"cult. Jard. agrost de Leverville 1916-région agri-
cole du Bas-kassai...Moyen-Kwilu: Bamba, juin 1917
(no 5800 bis); poste IV de la H.C.B. (no. 6320)"

Congo. Africa

[Vanderyst, Coll.]

Panicum rude Steud. Nom. Bot. ed. 1. 1: 589, 772. 1821.
nom. nud. Not Nees 1829.

Panicum rude Nees, Agrost. Bras. 158. 1829.

"Habitat in marginibus sylvarum Districtus Adamantum
prope Milho verde, provinciae Minarum generalium."

Martius T

Brazil

Panicum Rudgei Roem. & Schult. Syst. Veg. 2: 444. 1817.

Based on *P. scoparium* Rudge

Guiana

H. & C. *Panicum*

Panicum rudgei var. *brasiliense* Raddi, Agrost. Bras.
48. 1823.

"---in vicinis fluminis Inhu miris, in locis silvosis
et herbosis."

Est. Rio de Janeiro Brazil

= *P. rudgei* R. & S.
H. & C.

Panicum rudimentosum Steud. Syn. Fl. Glum. 1: 51. 1854.

"Leprieur legit in Senegalia."

Africa

= *Setaria sphaelata* (Schum) Stapf & Hubb.

Panicum rufum (Ell.) Kunth, Rev. Gram. 1: 35. 1828.

Based on "*Aulaxanthus rufus* Ell."

S. Car.

= *Anthaenanthia rufa* Man. U. S.

Panicum rugelii Griseb. Cat. Fl. Cub. 233. 1866.

"Cuba occ., in fruticetis montium pr. Matanzas (Rug.
[el] 188)"

= *Lasiacis rugelii* (Griseb.) Hitchc.

Panicum rugosum Boso ex Spreng. Syst. Veg. 1: 314.
1825, as syn. of *P. verrucosum* [Boso]

= *P. verrucosum* Muhl. Man. U. S.

Panicum rugosum Hemsl. Biol. Centr. Amer. Bot. 3: 506.
1885, error for *semirugosum*.

= *Setaria semirugosa*

Panicum rugulosum Trin. Gram. Pan. 195. 1826.

"Brazil (Langsdorff)."

T = *millegrana* Poir.

Panicum rugulosum var. *condensatum* Hack. Repert. Sp. Nov. Fedde 6: 343. 1909.

"Hassler no. 9051a"

"Paraguay:----pr. Caaguazú."

T = *millegrana*

Panicum rugulosum f. *effusa* Hack. Repert. Sp. Nov. Fedde 6: 343. 1909.

"Hassler no. 9107 et 9107a."

"Paraguay:----pr. Caaguazú."

T = *P. millegrana* Poir.

Panicum rugulosum var. *glabrescens* Doell in Mart. Fl. Bras. 2: 259. 1877.

Based on "*Panicum Beyrichii* Kunth---" first syn. cited.

= *millegrana* Poir.

prope novum Friburgum Brazil
H. & C.

Panicum rugulosum var. *hirtiglume* Oriseb. Cat. Fl. Cub. 233. 1866.

"Wr. 3455."

T = *P. sellowii* Nees

Cuba

Panicum rugulosum var. *lasianthum* (Trin.) Hack. Bot. Exped. K. Akad. Wissensch. Südras. 11. 1906; Denkschr. Akad. Wiss. Math. Naturw. (Wien) 79: 72. 1908.

Based on "*P. lasianthum* Trin.

T = *P. sellowii* Nees

Brazil

Panicum rugulosum var. *pubescens* Doell in Mart. Fl. Bras. 2: 259. 1877.

Panicum sellowii Nees taken as basis.

= *P. sellowii* Nees

Panicum rugulosum var. *subvelutinum* Doell in Mart. Fl. Bras. 2: 259. 1877.

"a cl. Mulschlaegel (n. 1612) in Surinamiae districtu Paraénsi lecta."

= *P.*

Dutch Guiana

Panicum rupestre Trin. Gram. Pan. 199. 1826.
(Trin. Gram. Icon. 2: 239)

"V. spp. Brasil (Langsdorff)"

Panicum rupestre var. *setifolium* Nees, Agrost. Bras. 223. 1829.

"in arenosis prope Tejucoo."

probably near Rio de Janeiro

Brazil

Panicum ruprechtii Fourn. in Hems. Biol. Centr. Amer. Bot. 3: 495. 1885, nom. nud.; Fourn. Mex. Fl. 2: 21. 1886. Not Fenzl. 1854.

Based on *P. rariflorum* Rupr. ...non Lam. [Rupr. cites place and no. but gives no descr.]

= *P. xalapense* H.B.K.

Las Vegas, Mex. (Galeotti 5733)
Man. U. S.

Panicum ruscifolium H.B.K. Nov. Gen. Sp. 1: 101. 1815.

"Crescit in apricis et aridis Regni Mexicani, in radicibus montis ignivomi, Volcan de Jorullo, alt. 490 hexap."

= *Lasiacis ruscifolia* (H.B.K.) Hitchc.

Mex.

Panicum ruscifolium var. *amblyoides* Fourn. Mex. Fl.

2: 34. 1886.

subv. *glabra*

"Consoquitla (Liebm. n. 292); Orizaba (Bourg.); Pointe Griffon prope Acapulco (Thiebaut n. 41)."
[These places are cited after subvar. none after var.]

= *Lasiacis ruscifolia* (H.B.K.) Hitchc.

Mexico

Panicum Ruspolii Chiov. Ann. Ist. Bot. Rom. 7: 64.

pl. 4. 1897.

"D. Riva, n. 66(1444)" valid in Stapf

"Surro." Somali.

Africa

Panicum sabulicolum Nees, Agrost. Bras. 258. 1829.

"Habitat in arenosis Parae (Sieber.) Vidi in Herb. Willd.--In Monte Video, et in confinibus Regni Paraguayani legit Sellow." (Herb. Reg. Berol.)"

= *Echinochloa sabulicola* (Nees) Hitchc.

Brazil

Panicum sabulorum Lam. Encycl. 4: 744. 1798.

"Commerson a recueilli cette espèce à Montevideo, dans les sables (V.S.)"

Uruguay

Panicum sacharatum Buckl. Prel. Rep. Geol. Agr. Surv.

Tex. App. 2. 1866.

Middle Texas

= *Trichachne californica* (Benth.) Chase

U.S.

Panicum sachariferum (L.) Salisb. Prodr. Stirp. 18. 1796.

Based on "*Holcus sacharatus* Linn."

= *Sorghum vulgare* var. *sacharatum* (L.) Boerl

India

Panicum sachariflorum (Raddi) Steud. Syn. Fl. Glum.

1: 97. 1854.

Based on "*Acicarpa sachariflora* Raddi

= *Trichachne sachariflora* (Raddi) Nees

Panicum sacharoides Trin. Gram. Pan. 245. 1826.

"V. spp. Sic. Aethiop. (Salzmann, Sieber)"

= *Tricholaena terreriffae* Parl.

Africa

Panicum sacharoides Kunth, Rév. Gram. 2: 237. pl. 30. 1830. Not Trin. 1826.

"Crescit in India occidentali (Insula St. Christophori); in Nova Andalusia prope Tumiriquiri, Caripe et montem Cocollar; in Nova Grenata inter Pusagasuga et Fandi et prope Ibaque."--"L'échantillon figuré a été cueilli dans la province de Cumana."

= *Paspalum sacharoides* Nees

Panicum sacharoides A. Rich. in Sagra, Fl. Cub.

Fanerog. 11: 306. 1850. Not Kunth, 1830 nor Trin. 1826.

"Crescit in pratis et locis herbosis insulae Cubae."

= *Trichachne insularis* (L.) Nees

Panicum sacharoides Willd. ex Hems. Biol. Centr. Amer.

Bot. 3: 490. 1885, as syn. of *Panicum leucophaeum*

H.B.K. Not Trin. 1826.

= *Trichachne insularis* (L.) Nees

Panicum sagittaeifolium Hochst. ex Steud. Syn. Fl. Glum.

1: 54. 1854.

Based on *Pennisetum sagittifolium* A. Rich.

= *Setaria sagittaeifolia* (Hochst.) Walp.

Abyssinia

Panicum sagittifolium Hochst. ex A. Rich. Tent. Fl.

Abyss. 2: 379. 1851, as syn. of *Pennisetum sagittifolium* Rich. l.c.

"Hochst. in pl. Schimp. Abyss., sect. III, no. 1655." type species of *Cymbosetaria* Schweick.

= *Setaria sagittifolium* (Hochst.) Walp.

Afr. Abyssinia

Panicum saigonense Mez, Bot. Jahrb. Engler 56(Beibl.

125): 2. 1921.

"Cochinchina (Germain n. 113)."

T

Panicum Salzmanni Trin. ex Steud. Syn. Fl. Glum.

1: 95. 1854.

"P. brizoides. Salzmann, Hrbr. Bahia."

= *Isachne salzmanni* (Trin.) ined.

Brazil

Panicum Sanctae-Marthae Steud. Syn. Fl. Glum. 1: 45.

1854.

"Hrbr. Funck nr. 437. Sancta Martha, Venezuelae."

T = *Oplismenus burmanni* (Retz) Beauv.

Panicum sandiense Mez, Bot. Jahrb. Engler 56(Beibl.

125): 5. 1921.

"Peru, Sandia (Weberbauer n. 545)."

T = *Ichnanthus minarum* (Nees) Doell

Panicum sanguinale L. Sp. Fl. 57. 1753.

"In America, Europe australi."

A.C. adds following citation: "Burm. f. Fl. Ind. t. 10. f. 1. 1768."

Note by A.C.: "Descr. poor; fig. meant for *sanguinale*."

= *Digitaria sanguinalis* Man. U. S.

Panicum sanguinale L. misappl. by Poll. Hist. Fl. Palat.

1: 57. 1776. Not L. 1753

Europe

Panicum sanguinale var. *aegyptiacum* (Retz.) Reichardt,

Verh. Zool.-Bot. Ges. Wien 21: 30. 1871.

Based on *Panicum aegyptiacum* Retz.

= *Digitaria sanguinalis* ssp. *aegyptiaca* (Retz.) Henr.

Egypt

Panicum sanguinale f. *arenarium* Bubela, Verh. Zool.

Bot. Ges. Wien 31: 779. 1882.

Dubrava Bisenz. Mahren.

Czechoslovakia

Panicum sanguinale var. *atrichum* Aschers. & Graebn. Syn.

Mittleur. Fl. 2: 65. 1899.

transl.--"Untere Blattscheiden ganz kahl oder mit wenigen längeren Haaren.--Ziemlich selten." entire description, no loc. cited.

Germany

Panicum sanguinale var. *barcaldinense* Domin, Bibl. Bot.

85: 295. 1915.

"Queensland: Savannenwälder bei Barcaldine (Domin, III. 1910)."

Australia

Panicum sanguinale var. *bicorne* (Sieber ex Steud.)

Drake del Castillo, Fl. Polyn. Franc. 250. 1893.

Based on *Panicum bicorne* Sieb. ex Steud. not *P. bicorne* (Lam.) Kunth

"Hrb. Maurit. nr. 42 et? Kunth, En. I. 83." Sieber

= *Digitaria didactyla* Willd. in Henr. p. 178.

Panicum sanguinale var. *biforme* Hack. ex Dur. & Schinz,

Consp. Fl. Afr. 5: 762. 1894.

Based on "*Digitaria* [biformis] Willd."

= *Digitaria biformis* Willd. fide Henr.

Ins. Mauritii et Bourboniae (Bory de St. Vincent)

Panicum sanguinale var. *biverticillata* Reyn. Magyar

Bot. Lapok 10: 14. 1911.

Cette forme est assez commune à Maltépé, Kalamiche et Oueksouyou (Eaux douces d'Asie) A.

= *Digitaria*

Balkan Peninsula

Panicum sanguinale var. *blepharanthum* Hack. ¹⁴ Dur. &

Schinz, Consp. Fl. Afr. 5: 762. 1894, without description; based on "*Panicum ciliare* A. Rich (non alior)"; in Kneuk. Allg. Bot. Zeitschr. 20: 162. 1914.

Based on "*P. ciliare* Rich. Tent. Fl. Abyss.--not Retz"

"*Panicum ciliare* A. Rich. [misapplied] (non alior)."

[type Schimper 1616 fide Henr. 127] this cited by Stapf, Fl. Trop. Afr. 9: 441. 1919 sub *Digitaria marginata* var. *fimbriata* (Link) Stapf

Africa Abyssinia

Panicum sanguinale var. *brevifolium* St. Amans, Fl. Agen.

25. 1821.

"dans les vignes au-dessus de Mérens près d'Agen."

France

Panicum sanguinale var. *breviglume* Doell in Mart. Fl.

Bras. 2^o: 132. 1877.

"1. platystachon l.o.; cited under this are several names, among them "*Digitaria sanguinalis* Scopoli," the type of *D. sanguinalis* (L.) Scop.

Panicum sanguinale var. *brevispica* Vasey herb. name for

Palmer's no. 1757. At least one specimen was sent out under this name, since Maiden, Sydney, Australia, 6/23/10, wrote (letter on file) asking for place of its publication. (See letter book June 1910-June 1911 for A.C.'s answer) In Contr. Nat. Herb. 1: 363. 1895 the name *P. sanguinale ciliare* (Retz) Vasey, Bull. No. 8. Div. Bot. 23. 1889 is used for the form represented by Palmer's no. 1757, but Vasey does not cite this number either here or elsewhere.

Panicum sanguinale var. *ciliare* St. Amans, Fl. Agen.

25. 1821.

Based on "*Pan. ciliare* Retz [misappl. by] Willd."

= *Digitaria*

Java & China

Panicum sanguinale var. *ciliare* (Retz) Gren. & Godr.

Fl. France 3: 461. 1855. Not St. Amans 1821.

Based on "*P. ciliare* Retz." Not cited in Henr.

Java & China
(Wennerberg)

Panicum sanguinale var. *cognatum* Hack. ex Schweinf.

Bull. Herb. Boiss. 2: App. 2: 18. 1894, without

descr.

"Aeth., Col. Eritrea. Ginda., 146, coll. 1891; unter Celeb.... 1180, coll. 1891." [Schweinfurth coll.] in Herb. Berol.

Africa

Cited by Henr. p. 807, sub *Digitaria zeyheri* (Nees) Henr.

Panicum sanguinale var. *corymbosum* (Roxb.) Kuntze, Rev.

Gen. Fl. 2: 785. 1891.

"corymbosum OK. (Roxb.) cited as varietal name for collections by Kuntze in Costarica and U. S."

Name presumably based on *Panicum corymbosa* Roxb.

= *Digitaria corymbosa* (Roxb.) Merrill based on *Panicum corymbosum* Roxb.

India

Panicum sanguinale *digitatum* (Swartz) Hack. ex Urban,

Symb. Antill. 4: 86. 1903.

Based on *Milium digitatum* Swartz

= *Digitaria horizontalis* Willd.

San. W. I.

Jamaica

Panicum sanguinale var. *digitatum* subv. *anisotrichum*

Hack. in Fries, Ark. f. Bot. 8: 34. 1908.

"Argentina: Prov. Jujuy... [Fries] 142]."

= *Digitaria*

Panicum sanguinale II, *distachyum* Aschers. & Graebn.

Syn. Mittleur. Fl. 2: 65. 1899.

Digitaria sanguinalis f. *distachya* (Aschers. & Graebn.) Henr. Monog. *Digitaria* 985. 1950. combination as var. made by Podpéra in 1926 q.v.

Panicum sanguinale var. *erigonum* (Schrad.) Hack. ex

Dur. & Schinz, Consp. Fl. Afr. 5: 763. 1894.

Based on *P. erigonum* Schrad.

= *Digitaria erigoma* (Schrad.) Link

Australia

Panicum sanguinale var. *esculentum* Gaudin, Fl. Helvetia

1: 154. 1828. of. Suter 1802.

Switzerland

Panicum sanguinale var. *esculentum* s. *maius* Gaudin, Fl.

Helv. 1: 154. 1828. of. Suter 1802.

"*P. esculentum* s. *maius*, spicis 8-12." entire description

[does "s" indicate a subvar. or is it *sive*, an alternate name?]

Switzerland

Panicum sanguinale var. *fenestratum* Rich. in Schweinf.

Bull. Herb. Boiss. App. 11: 18. 1894.

Based on *P. fenestratum* Hochst. in Rich.

Abyssinia

Panicum sanguinale var. *filiforme* L. misappl. by Dur.

& Schinz, Consp. Fl. Afr. 5: 763. 1894.

Cites: "*P. filiforme* [misapplied by] Thunb. (non L.)" Prodr. Fl. Cap. 19. (1794)

Cape Good Hope. Africa

Panicum sanguinale L. var. *glabra* Hack. ap. A. Reynier,

Bull. Acad. Internat. Geographie Bot. 19(240): IV.

1909. Oct.

"(Hackel, in litteris, quoad specimen a Reyniero lectum *Aquisextilis* in Provincia)"

= *Digitaria sanguinalis* (L.) Scop. var. *glabra* (Hack.) Henr. p. 657; ssp. *vulgaris* var. *glabra* (Hack.) Henr. p. 985.

Provence, France

Panicum sanguinale var. *glabratum* Trautv. ex Feitsch.

Bull. Jard. Bot. Pierre Grand 14 (Suppl. 2): 44.

1915, nom. nud.

[Russia]

Digitaria

Panicum sanguinale var. *horizontalis* (Willd.) Schweinf.

Bull. Herb. Boiss. 2(App. 2): 18. 1894, without

descr.

[Schweinf. gives ref. May. in Rich. Tent. fl. Abyss. II. 361, 362 as if the var. were published by Rich. but Rich. cites *P. horizontalis*. This goes back to *D. horizontalis* Willd.]

Presumably based on *Digitaria horizontalis* Willd.

Santo Domingo. W.I.

Panicum sanguinale L. var. *humifusum* Hack. in Engler,

Bot. Jahrb. 6: 233. 1885.

"Insula New-Hannover," Nauman (21-6-75).

"Vielleicht eine Schattenform---"

Described, no mention of *Panicum humifusum* Pers.

= *Digitaria*

Melanesia
tip of New Ireland, Bismarck Arch.

Panicum sanguinale var. *lecardii* Pilger, Bot. Jahrb.

Engler 30: 118. 1901.

"Senegal: auf trocknen Standorten (Lecard n. 243)."

Basis of *Digitaria lecardii* (Pilg.) Stapf

Africa

Panicum sanguinale var. *leptostachyon* Doell in Mart.

Fl. Bras. 2^o: 133. 1877.

"2. *leptostachyon*" cited under this are several names, the first being "*Digitaria villosa* Persoon." this valid species of U. S. Man. U. S.

Panicum sanguinale var. *longiglume* Doell in Mart. Fl.

Bras. 2^o: 134. 1877.

"*Panicum sanguinale* var. *longiglume* Trinius, teste Nees in Agr. bras. p. 100."

Brazil

Panicum sanguinale var. *longiglume* subv. *distans* (Nees)

Doell in Mart. Fl. Bras. 2^o: 134. 1877.

Based on *Paspalum distans* Nees =

= *Digitaria sejuncta* (Hack.) Henr.

Panicum sanguinale var. *longiglume* subv. *marginatum*

Doell in Mart. Fl. Bras. 2^o: 133. 1877.

Based on *Digitaria marginatum* Link

Brazil

Panicum sanguinale var. *macrostachyum* (Hochst.) Hack.
ex Dur. & Schinz, *Consp. Fl. Afr.* 5: 763. 1894,
without description.

"*P. macrostachyum* Hochst. in Schimp. *Fl. Abyss.*
n. 2162."

referred to *Digitaria marginata* var. *fimbriata*
(Link) Stapf, *Fl. Trop. Afr.*

Abyssinia

Panicum sanguinale ssp. *marginatum* (Link) Thell.
Vierteljahrs. Nat. Ges. Zurich 64: 699. 1919.

Based on *Digitaria marginata* Link

Brazil

Panicum sanguinale var. *microbachne* (Presl) Hack. Bot.
Jahrb. Engler 13: 259. 1890.

Based on *P. microbachne* Presl

= *Digitaria microbachne* (Presl) Henr.

Panicum sanguinale var. *multinervis* (Honda) Makino &
Nemoto, *Fl. Jap.* 1476. 1925.

Based on *Syntherisma sanguinalis* var. *multinervis*
Honda

= *Digitaria*

Formosa: Shinchiku (Hiraoaka)

Panicum sanguinale L. var. *parvispicula* Reynier, Bull.
Acad. Internat. Geographie Bot. 19(240): IV. 1909.

("d'Aix-en-Provence, octobre 1909, legit Reynier")

Basis of *Digitaria sanguinalis* ssp. *vulgaris* var.
parvispicula (Reynier) Henr.

South France

Panicum sanguinale var. *porranthum* Franch. Bull. Soc.
Hist. Nat. Autun 8: 354. 1893.

Based on "*P. porranthum* Steud."

[referred to *D. horizontalis* in Stapf, *is not*]

= *Digitaria fenestrata* (Hochst.) Benth. *Ac*

Senegambia (Jardin & Leprieur)

Africa

Panicum sanguinale var. *pruriens* (Fisch. ex Trin.)
Drake del Castillo, *Fl. Polyn. Frano.* 249. 1893.

Based on *P. pruriens* Fisch. ex Trin.

ex Inss. Sandw. et Marchion. (Langedorff. Chamisso.)

Hawaiian Islands

= *Digitaria pruriens* (Trin.) Buse

Panicum sanguinale var. *reimarioides* (Brongn.) Drake
del Castillo, *Fl. Polyn. Frano.* 250. 1893.

Based on *Paspalum reimarioides* Brongn.

= *Digitaria*! plate is good illust. A.C.

Loc.: Oualen, dans les îles Carolines; havre d'Offack
dans l'île Waigiou, l'une des îles des Papous;
Taiti, dans l'archipel de la Société.

Caroline Islands

Panicum sanguinale var. *repens* Aschers. & Graebn. Syn.
Mitteleur. 2: 65. 1899.

Basis of *Digitaria sanguinalis* ssp. *vulgaris* var.
repens (Asch. & Graebn.) Henr. p. 985.

Europe

Panicum sanguinale var. *soabriglume* Hack. Denkschr.
Akad. Wiss. Math.-Naturw. (Wien) 78: 399. 1905.

Menyharth (1894)

"Chiramba-Insel im Sambesi." Africa

[not found in Hackel Herb. A.C.] not in Stapf

Panicum sanguinale var. *simpsoni* Vasey, Contr. U. S.
Nat. Herb. 3: 25. 1892.

"Manatee, Fla. (J. H. Simpson)"

= *Digitaria simpsoni* (Vasey) Fern. Man. U. S.

Panicum sanguinale var. *timorense* (Gaudich.) Hack. Bot.
Tidsskr. 24: 97. 1901.

Based on *P. timorense* Kunth

[*Digitaria propinqua* Gaudich. 1826. Not Beauv. 1812]

= *Digitaria chinensis* Horum?

Ins. Timor. Malay Archipelago

Panicum sanguinale var. *vulgare* (Schrad.) Doell, Rhein.
Fl. 126. 1843.

Based on *Syntherisma vulgare* Schrader, this based on
"Ischaemon vulgare Lob. Ic. 1: 24"

= *Digitaria sanguinalis*

Germany

Panicum sanguineum Queldenst. Reise 2: 278. 1791.

Not in Washington; not in Menard, *Digitaria*.

See Bradley Bibl. 5: 348. "Queldenstadt, Johann
Anton. Reisen durch Russland. 1787."

I: 360. "Queldenstadt, J. A. Reisen durch Russland
und im Caucasischen Gebirge, 2 vol. 27 pl. map. O.
St. Petersburg, 1787-91. Contains some phytogeogra-
phical notes and some short lists of plants.

Panicum sapini (Vanderyst) Robyns, Mem. Inst. Col.
Belge Sec. Sci. Not. & Med. 16: 34 (repr.) pl. 3.
1932.

Based on *Isachne Sapini* Vanderyst

Robyns cites 1912 as date of type specimen but
Vanderyst cites same place with 1920.

Belgian Congo. Bomana (Giri 1920 (Sapin)

Panicum sarmentosum Roxb. Hort. Beng. 8. 1814, without
desc.; *Fl. Ind. ed. Carey* 1: 311. 1820.

"A native of Sumatra: and from thence introduced by
Dr. Charles Campbell into the Botanic Garden in
1804."

Panicum sarmentosum (Pers.) Raspail, Ann. Sci. Nat. 1.
5: 299. 1825. Not Roxb. 1820.

Based on "*Thuarea* [sarmentosa] Pers."

= *Thuarea*

Madagascar (Petit-Thouars)

Panicum sarmentosum var. *mekongense* A. Camus, Bull.
Mus. Nat. Hist. 25: 671. 1919.

"Laos: Bassac (Thorel)." [Asie Orientale]

Panicum sarmentosum var. *parvispiculatum* P. Jansen,
Reinwardtia 2: 318. 1953.

Celebes, Kendari, leg. Becoari, Herb. Firenze 12128
(type)

Panicum sarmentosum var. *Prenticeanum* (F. M. Bailey)
Domin. Bibl. Bot. 85: 315. f. 72. 1915.

Based on *P. Prenticeanum* F. M. Bailey

Harvey's Creek. Russell River & Tringilburra Creek

Australia

Panicum saxatile Salzm. ex Steud. Nom. Bot. ed. 2.
2: 263. 1841, without desc.

Not same as Steud. Syn. Fl. Glum. which is ^{from} Java.

Only cites "Bahia" Brazil

Panicum saxatile Steud. Syn. Fl. Glum. 1: 97. 1854.

"Hrbr. Zolling nr. 3493... Zolling. hrbr. nr. 1604.
In saxosis montium, Java."

Panicum scaberrimum Lag. Elench. Plant. 2. 1816; Gen.
& Sp. Nov. 2. 1816, reprint.

"H. in N. H. [Habitat in Nova Hispania]--
(notarum explicatio)

Introd. ann. 1804 ex seminibus per D. Sessé missis."

= *P. maximum* Jacq. Man. U. S.
H. & C.

Mexico

Panicum scabridum Doell in Mart. Fl. Bras. 2: 201.
1877.

"Habitat in campo de Jauari prope Mandós (Spruce
n. 1283)." Brazil

Panicum scabrifolium Nees, Agrost. Bras. 246. 1829.

"Habitat in sylvarum marginibus et ad semitas inter
Villa Rica et Tejuco, provinciae Minarum generalium."

T = *Setaria*

Brazil

Panicum scabrifolium Mez, Bot. Jahrb. Engler 57: 185.
1921. Not Nees, 1829.

"Madagascar (Boivin)" Africa

Panicum scabrifolium var. *deflexum* Doell in Mart. Fl.
Bras. 2: 164. 1877.

"Prov. S. Paulo (Burchell n. 4103 pro parte)."

Brazil

Panicum scabrifolium var. *glabrum* Doell in Mart. Fl.
Bras. 2: 164. 1877.

Brazil

Panicum scabrifolium var. *vestitum* Doell in Mart. Fl.
Bras. 2: 164. 1877.

"in Brasilia meridionali" (Sello) in Serra dos
Orgãos (Beyrich), prope Xpanema prov. S. Pauli
(Riedel)."

Panicum scabriusculum Ell. Bot. S. C. & Ga. 1: 121. 1816

"Sent to me from Savannah by Dr. Baldwin."

Man. U. S.
Georgia

Panicum scabriusculum var. *cryptanthum* (Ashe) Gleason,
Phytologia 4(1): 21. 1953.

Based on *Panicum cryptanthum* Ashe, N. C. Agr. Exp.
Sta. Bull. 175: 115. 1900; Fern. Man. 221."

= *Panicum cryptanthum* Ashe Man. U. S.

Panicum scabrum Lam. Tabl. Encycl. 1: 171. 1791.

"E Senegal. D. Roussillon."

= *Echinochloa stagnina* (Retz) Beauv. in Stapf

Africa

Panicum scalare Mez, Bot. Jahrb. Engler 34: 138. 1904.
Not *P. scalarum* Schwein. 1894.

"Kilimandscharo (Volkens)."

Basis of *Brachiararia scalaris* (Mez) Filger

Africa

Panicum scalarum Schweinf. Bull. Herb. Boiss.

2(App. 2): 20. 1894.

"(*Panicum muticum* Hochst. sched. Schimp. I, 95; in Rich. Tent. fl. Abyss. II, 362, 363, non Forsk.)."

Schimper 95 T

Basis of *Digitaria scalarum* (Schwein.) Chiowenda-

D. vestita var. *scalarum* (Schwein.) Henr. referred to *Digitaria abyssinica* (Hochst.) Stapf

Africa

Panicum scalarum var. *elatiore* Chiov. Ann. Ist. Bot.

Roma 6: 166. pl. 9. 1896.

"Habitat.-Habr.-Aul VII, VIII, 1891."

Somali Africa

Panicum scandens (Schrader.) Trin. Gram. Pan. 166. 1826.

Based on "*Setaria scandens* Schrad."

=

[Brazil]

Panicum scandens Mez, Bot. Jahrb. Engler 57: 190. 1921.

Not Trin. 1826.

"Liberia (Dinklage n. 2326)" Africa

Not in Stapf

Panicum scandens var. *grandiflorum* Doell in Mart. Fl.

Bras. 2: 171. 1877.

"...ad Caldas prov. Minarum (Regnell III n. 1373), prope Cajurii (idem III, n. 1371-- et in prov. S. Paulo (Burchell n. 4356² [forma nana] et 4510)."

= *Setaria*

Brazil

Panicum scandens var. *longisetum* Doell in Mart. Fl.

Bras. 2: 171. 1877.

T Regnell III 1373.

= *Setaria*

Brazil

Panicum scandens var. *vulgare* Doell in Mart. Fl. Bras.

2: 171. 1877.

"Habitat in cultis, e gr. prope Santarem prov. Para (R. Spruce n. 51, 716)....first cited.

"*Panicum scandens* Trinius et auctorum."

= *Setaria*

Brazil

Panicum squarrosus Trin. ex Steud. Nom. Bot. ed. 2.

2: 263. 1841, nom. nud.

Panicum schaffneri (Fourn.) Kuntze, Rev. Gen. Fl.

3: 358. 1898.

Based on "*Dimorphostachys schaffneri* Fourn."

Mirador (Schaffn., Liebm. n. 178

Mexico

= *Paspalum variabile* (Fourn.) Nash

Panicum schaffneri Mez, Bot. Jahrb. Engler 56(Beibl.

125): 4. 1921. Not Kuntze 1898.

"Mexico (Schaffner n. 156)."

= *P. boliviense* Hack.

Panicum Scheelei Steud. Syn. Fl. Glum. 1: 51. 1854.

Based on "*Setaria polystachya* Scheele."

Not Schrad.

Man. U. S.

Texas., Neubraunfels (Lindheimer)

Panicum Schenckii Hack. Osterr. Bot. Zeitschr. 51: 426.

1901.

"Brasilia, in provincia St. Catharina, in rupibus ad fluvium Itajahy prope Blumenau leg. Dr. H. Schenck (hb. brasil n. 579)."

T U.S.

Panicum Schiedeianum Trin. ex Steud. Nom. Bot. ed. 2.

2: 263. 1841, nom. nud.

= *Paspalum*

Panicum schiedeianum Trin. ex Beal, Grasses N. Amer.

2: 119. 1886. (described) Not Trin. 1841, nom. nud.

"Mexico (Jalisco). Pringle 2423."

= *Ixophorus unisetus* (Presl) Schlecht.

Panicum Schiedeianum Mez, Bot. Jahrb. Engler 56(Beibl.

125): 4. 1921. Not Trin. ex Beal 1886.

"Mexico (Schiede, Wawra it. Max. n. 1075..."

Panicum Schiedeii Spreng. ex Steud. Nom. Bot. ed. 2.

2: 263. 1841, as syn. of *Zeugites mexicanus*

Panicum schiffneri Hack. Ergeb. Bot. Exped. Akad. Wiss.

Südbr. 11. 1906; Denkschr. Akad. Wiss. Math.

Naturw. (Wien) 79: 72. 1908.

Wettstein & Schiffner July 1901.

"São Paulo. *rope "Fazenda Bella vista" in districtu urbis S. Cruz ad flumen Rio Pardo. circa 500 m. sm." S. Brasil.

Panicum schimperianum Hochst. ex A. Rich. Tent. Fl.

Abyss. 2: 371. 1851.

"in pl. Schimp. Abyss., sect. III, no. 1853."

"Crescit in montosis provinciae Chiré... (Martin Dillon) et sine locali indicatione (Schimper)."

Panicum Schinzii Hack. ex Schinz in Verh. Bot. Ver.

Brand. 30: 142. 1888.

"Standort: Olukonda, Ondonga Stamm (Amboland)."

Africa

Panicum Schlechtendalii Fourn. in Hensl. Biol. Centr.

Amer. Bot. 3: 496. 1885; based on "Fourn. Mex. Fl.

Enum. Gram. p. 30" unpublished.

Fourn. Mex. 41. 2: 30. 1886.

Based on "*P. pallens* Schlecht. in Linn. VI, 35 non Sw.

= *Ichnanthus*

Panicum schlechtendalii var. *monstrosum* Fourn. Mex.

Fl. 2: 31. 1886.

"In sylvis pr. Mirador (Gal. n. 5689)."

Ichnanthus

Mexico

Panicum schlechteri Hack. Bull. Herb. Boiss. 7: 24.

1899.

"In humidis prope Hilton Road (Terra Capens. orientalis), Schlechter, no 6759."

"Aff. *P. filiculmi* Hack."

Panicum schlechteri Mez, Bot. Jahrb. Engler 34: 139.

1904. Not Hack. 1899.

"Südost-Afrika: Jnyamasan (Schlechter n. 12067)."

Panicum Schmidtii Hack. Bot. Tidsskr. 24: 99. 1901.

"Plains near Klong Munse."

[Koh Chang. Gulf of Siam]

"aff. *P. patenti* L."

Panicum Schmitzii Hack. Ann. Naturhist. Hofmus. Wien

17: 254. 1902.

No loc. nor specimen cited. Hackel says in introduction that specimens were comm. by Schmitz, and are from Mexico.

A.S.H. 4:6 Eur. Notes. Kept with his fieldbooks

Panicum Schneckii Ashe, N. C. Agr. Exp. Sta. Bull.

175: 116. 1900.

"River bottoms, southern Indiana and Illinois, June."

[Schneck, Coll.]

= *P. latifolium* L.

H. & C.

Man. U. S.

Panicum Schraderi Kunth, Rev. Gram. 1: 32. 1829.

"*Panicum fasciculare* Schrad." as syn.

Cites also *Digitaria fascicularis* Link

Panicum Schroederi Herter, Revist. Sudamer. Bot. 6: 137.

138, f. 7. 1940.

"Hab. Uruguay: Barra del Sta. Lucia, fl. I. 1920, leg. Schroeder, Herb. Osten 15402 (Herb. Schroeder)."

South Amer.

aff. *P. rude* Nees

Panicum Schultesii Steud. Nom. Bot. ed. 2. 2: 263. 1841.

Based on "*Oplismenus affinis* Schult. (non Presl.)"

St. Martha (Bertero) [off coast Colombia. S. Amer.]

= *Oplismenus burmanni* T

Panicum Schumannii Pilger, Bot. Jahrb. Engler 30: 134.

1901.

"Mattogrosso: häufig zerstreut auf Bachwiesen im Quellgebiet des Batovy (n. 683.-Juni 1899)"

Central Brazil. coll. Hermann Meyer

Panicum Schwackeanum Mez, Bot. Jahrb. Engler 56(Beibl.

125): 1. 1921.

"Minas Gerais...Schwacke n. 8447, 8456)."

Brazil S. Amer.

Panicum Schweinfurthii Hack. in Dur. & Schinz. Conspr.

Fl. Afr. 5: 764, nomen, 1894; Osterr. Bot. Zeitschr.

51: 366. 1901.

"Africa centralis, Djur, ad Seriba Ghattas leg. Schweinfurth, nr. 2303."

Panicum sciaphilum Rupr. Bull. Acad. Sci. Brux. 9: 240.

1842. "(Coll. H. Gal[otti] No. 5759) Nov.---

Yavezia." No description; Hensl. Biol. Centr. Amer.

3: 496. 1885, hom. nud.; Fourn. Mex. Fl. 2: 19. 1886

"Sierra de Yavezia, 7000' (Gal. n. 5759 in herb. Brux. et Mus. Par.)."

= *Panicum bulbosum* var. *minus* Vasey Man. U. S.

Panicum scindens Nees ex Steud. Syn. Fl. Glum. 1: 47.

1854.

"St. Louis" Drummond.

= *Echinochloa oruzgalli* var. *mitis* (Pursh) Peterm.

Man. U. S.

Panicum soliuotus Trin. Gram. Pan. 228. 1826.

"V. spp. Brasil (Chamisso)" ✓

Panicum soliuotus var. *breviglume* Doell in Mart. Fl. Bras. 2^o: 250. 1877.

"in civitate Paraguayana obvia (Bengger)."

Panicum soliuotus var. *molliusculum* Doell in Mart. Fl. Bras. 2^o: 250. 1877.

"ad fretum insulae S. Catharinae (Chamisso), in sylvis prope praedium Cruz de Cosme provinciae Bahiensis (Luschmuth n. 38) et in fruticetis prope Bahia (Salzmänn n. 697 p.p., Blanchet no. 102), etiam a Comite Raben (n. 168) in Brasilia lecta."

Brazil

Panicum soliuotus var. *soabrusculum* Doell in Mart. Fl. Bras. 2^o: 251. 1877.

"Lund in Brasilia lecta."

Panicum Solerochloa Trin. Gram. Icon. 3: pl. 283. 1831.

"Figura ad specimen Brasilianum."

= *Mesosetum solerochloa* (Trin.) Hitchc.

[Langsdorff]

T.

Panicum scoparioides Ashe, Journ. Elisha Mitchell Sci. Soc. 15: 53. 1898.

"Based on No 283, ex Herb. A. Commons. Dry soil. Centreville, Del. June 1873.-----"

T

Man. U. S.

Panicum scoparium Lam. Encycl. 4: 744. 1798.

"---recueille dans la basse Caroline par le citoyen Michaux."

Man. U. S.

S. Car.

Panicum scoparium Rudge, Fl. Guian. 1: 21. pl. 29. 1805, not Lam. 1798.

[French] Guiana

= *P. rudgei* H. & S.

H. & C.

Panicum scoparium Lam. err. det. Ell. Bot. S.C. & Ga. 1: 119. 1816, not Lam.

U.S.

= *P. ravenelii* Scribn. & Merr. Man. U. S.

Panicum scoparium Michx. ex Jacks. Ind. Kew 2: 418. 1894.

as syn. of "latifolium" no author cited; error. not published as new by Michaux, "Lam." given as authority. specimen so named in Michaux herbarium, Paris herb., is same as type in Lamarck herbarium, collected by Michaux, that is both specimens are Michaux's collection in Carolina. See Hitchc. Types Amer. Grasses, Contr. U. S. Nat. Herb. 12: 147. 1908.

Panicum scoparium S. Wats, ex Nash, Bull. Torrey Club 22: 421. 1895, as syn. of *P. scribnerianum* Nash.

Based on "S. Wats in A. Gray, Man. Ed. 6. 632. 1890. Not Lam."

Mass. to Minn., west & southward.

= *P. scribnerianum* Nash Man. U. S.

Panicum scoparium var. *angustifolium* Vasey, U. S. Dept. Agr. Div. Bot. Bull. 8: 32. 1889.

"South Carolina (Dr. Ravenel) Illinois (Dr. Schenck)"

Ravenel, S.C. and Schenck, Ill., specimens in U.S. Nat. Herb.

= *P. oligosanthos* Schult. Man. U. S.

Panicum scoparium var. *genuinum* Scribn. Tenn. Agr. Exp. Sta. Bull. 7: 48. 1894.

"P. scoparium Lam., Ell." "Lam." is erroneous.

= *P. ravenelii* Scribn. & Merr. Man. U. S.

Panicum scoparium var. *leibergii* Vasey, U. S. Dept. Agr. Div. Bot. Bull. 8: 32. 1889.

[misspelled liebergii]

"Plymouth Co. Iowa (John Leiberg)."

= *P. leibergii* (Vasey) Scribn. Man. U. S.

[us]
Panicum scoparium var. *major* Vasey, U. S. Dept. Agr. Div. Bot. Bull. 8: 32. 1889.

"-----South Carolina (Dr. Ravenel)."

= *P. ravenelii* Scribn. & Merr. Man. U. S.

Panicum scoparium var. *minus* Scribn. Tenn. Agr. Exp. Sta. Bull. 7: 48. 1894.

"Middle Tennessee (Gattinger)"

= *P. malacophyllum* Nash Man. U. S.

Panicum scoparium var. *pauciflorum* Scribn. Tenn. Agr. Exp. Sta. Bull. 7: 48. 1894.

Based on *P. pauciflorum* Ell., not R. Br. 1810.

Georgia

= *P. oligosanthos* Schult. Man. U. S.

Panicum scopuliferum Trin. Gram. Icon. 2: pl. 165. 1828.

"Figura ad specimen Capense."

= *Brachiaria serrata* (Thunb.) Stapf

Africa

Panicum Scottii Hack. Journ. Linn. Soc. 29: 63. 1891.

"Dry hills of Imerina, 1810!" Madagascar.

[O. F. Scott Elliot, Coll.] [no. 1810 T U.S. Hb.]

Africa

Panicum scribnerianum Nash, Bull. Torrey Club 22: 421. 1895.

Based on "*Panicum scoparium* S. Wats. in A. Gray, Man. Ed. 6, 632. 1890. Not Lam." reference to *P. scoparium* var. *minor* Scribn. excluded.

[Type, Pennsylvania, Carey in 1836]

Man. U. S.

Panicum scribnerianum var. *leibergii* Scribn. U. S. Dept. Agr. Div. Agrost. Bull. 6: 32. 1897.

Presumably based on *P. scoparium* var. *leibergii* Vasey 1889.

"South Dakota: Brookings (Wilcox 16)." cited.

= *P. leibergii* (Vasey) Scribn. Man. U. S.

Plymouth Co. Iowa (John Leiberg)

Panicum secernendum Hochst. ex Mez, Notizbl. Bot. Gart. Berlin 7: 68. 1917.

"Abyssinien (Schimper III. n. 1612 et coll. Paris n. 710)."

Brachiaria epaleata Stapf 1919 - Schimper 1612, this type of *Panicum secernendum* Mez 1917.

Panicum secundum Trin. Gram. Icon. 3: 324. 1832.

"Figura ad specimen Brasilianum."

Riedel

T

Panicum secundum (Presl) Steud. Nom. Bot. ed. 2. 2: 263. 1841.

Based on *Oplismenus secundus* Presl

= *Ichnanthus minarum* (Nees) Doell

Peru

Grasses Ecuador, Peru, & Bolivia

Panicum secundum var. *inaequiglume* Doell in Mart. Fl. Bras. 2^o: 194. 1877.

"habitat in fruticetis ad Lagoa das Freitas, prov. Rio de Janeiro, Octobri florens (Beyrich)."

Brazil

Panicum secundum var. *subaequiglume* Doell in Mart. Fl. Bras. 2^o: 194. 1877.

"prope Rio de Janeiro (Olaziou n. 1631), in humidis montis Corcovado (Riedel, mense Octobri)."

Brazil

Panicum sejunctum Hack. Bot. Jahrb. Engler 27: 19. 1899.

Based on "*Paspalum distans* Nees. Not Trin."

= *Digitaria sejuncta* (Hack.) Henr.

Serro Frio, prov. Minarum (Martius) Stübel 7

Brazil

Panicum Sellowii Nees, Agrost. Bras. 153. 1829.

"Habitat in Brasilia meridionali (Sellow)."

Panicum sellowii var. *longevagatum* Rupr. Bull. Acad. Sci. Brux. 9: 239. 1842, nom. nud.; Hemsf. Biol. Centr. Amer. Bot. 3: 495. 1885, nom. nud.; Fourn. Mex. Pl. 2: 21. 1886, as syn. of *P. rugulosum* Trin. Gal[ecotti] 5726 and 5699."

Mexico

H. & C. Pan.

= *P. sellowii* Nees

Panicum sellowii var. *subvelutinum* (Doell) Henr.,

Koninkl. Ver. Indisch Inst. Amsterdam 30: 387. 1948.

Based on *Panicum rugulosum* Trin. var. *subvelutinum* Doell.

var. *Mullschlaegel* 1612 Burchell 4146 in U.S. Hb.

= *P. sellowii* Nees

Panicum semialatum R. Br. Prodr. Fl. Nov. Holl. 192. 1810.

"(T.) Littora Novae Hollandiae intra tropicum."

= *Alloteropsis semialata* (R. Br.) Hitchc.

Australia

Panicum ? semialatum Kunth ex Hayata, Journ. Coll. Sci. Univ. Tokyo 30. Art. 1: 402. 1911, without description, only "Hab. Randaizan, leg. T. Kawakami, 1908, (No. 7055). Compared with a specimen so named at Kew."

Panicum semialatum var. *ecklonianum* (Nees) Hack, ex Dur. & Schinz. Consp. Fl. Afr. 5: 764. 1894.

Based on *Bluffia eckloniana* Nees

= *Alloteropsis*

Afr. austr. (Ecklon)

Panicum semialatum var. *latifolium* Maiden, Abstr. Proc. Linn. Soc. N. S. W. 3: 288. 1910, without descr. Only gives "latifolium"; Maid. & Betohe, Proc. Linn. Soc. N. S. W. 35: 797. 1911.

"Duaranga, via Bookhampton, Q. (J. H. Maiden)"

Australia

= *Alloteropsis*

Panicum semienense Chiov. Fl. Nov. Minus Not. Aethiop. 25. 1928, as syn. of *Sacciolepis semienensis* Chiov.

Sacciolepis

Africa

Panicum seminudum Domin, Bibl. Bot. 85: 320. 1915.

"Nordost-Queensland: Savannenwälder bei Yarraba (Domin, I. 1910)."

Australia

Panicum seminudum var. *cairnsonianum* Domin, Bibl. Bot. 85: 320. f. 74. 1915.

"Nordost-Queensland: bei Cairns (Domin, XII. 1909)."

Australia

Panicum semirugosum Nees, Agrost. Bras. 243. 1829.

"Habitat in ripa fluminis Amazonum et fluminis Madeira i.e. Lignorum."

= *Setaria*

type in S. tenax

Brazil

Panicum semitonsum F. Muell. ex Benth. Fl. Austral. 7: 483. 1878.

"N. Australia. Victoria River, Elsey; near Providence Hill, F. Mueller."

Type species of *Whiteochloa semitonsum* (F. Muell. ex Benth.) C. E. Hubbard.

Panicum semundulatum Hochst. Flora 24 (Intell. 1): 19, nom. nud.; ex A. Rich. Tent. Fl. Abyss. 2: 364. 1851.

"in pl. Schimp. Abyss., sect. 1, no. 289; sect. III, no. 1833."

"Crescit in pratis et locis graminosis prope Adoua, nec non in planitie montana provinciae Chire,.... (Schimper)."

T. U.S. = *Brachiaria semundulata* (Hochst.) Stapf 1833

Africa

Panicum semiverticillatum Rottl. in Ainslie, Mat. Med. Hindost. ed. 1, 219. 1813, without botanical description; an economic note is given.

descr. "Rottl. (in Ainslie Mat. Med. Hindost. ed. 1. p. 219) in Steud. Syn. Fl. Glum. 1: 62. 1854" "Nees mpt. Ind. or."

Basis of *Brachiaria semiverticillata* (Rottl. ex Nees) Alston, Suppl. Fl. Ceylon 318. 1931.

Panicum sempervirens Kuntze, Rev. Gen. Fl. 33: 364. 1898.

"Bolivia: Tiefland von Velasco bis Süd. Paraguay."

desc. without spikelets! try *P. bambusoides* Arech. may be bamboo.

Panicum senegalense Desv. Opusc. 86. 1831.

"Habitat in Guinea, Senegaliaque."

not in Stapf

Africa

Panicum senescens Trin. ex Steud. Nom. Bot. ed. 2. 2: 263. 1841, nom. nud.

"Trin. mpt."

Mexico

A.S.H. 2: 129 [Bur. Notes with his fieldbooks]

= *Paspalum langei* (Pourn.) Nash

Panicum Senni Chiov. Fl. Somalia 2: 446. 1932.

"Oltregiuba: Jak Omiso 6-VII fl. (Dr. L. Senni 1929 n. 386)."

Not in Stapf

East Africa

Panicum sericeatum Scheele ex Steud. Syn. Fl. Glum. 1: 58. 1854.

"Scheele. (Linn. XXII. 341, sub: *P. sericeum*)."

[Scheele's name is *Paspalum* not *Panicum*. Scheele's descr. being copied.]

"Texas"

= *Eriochloa sericea* (Scheele) Munro. Man. U. S.

Panicum sericea (Honda) Makino & Nemoto, Fl. Jap. 1476. 1925.

Based on *Syntherisma sericea* Honda

= *Digitaria*

"Formosa: ins. Agincort (T. Kawakami 36, 1904); ins. Kelung (T. Kurkama et Sasaki ann. 1910; Fukibi (Hayata 1919)."

Japan

Panicum sericeum Ait? Hort. Kew. ed. 1: 88. 1789.

"Nat. of the West Indies. Introd. 1780 by John Earle of Bute."

* Cited in literature as *Soland*. but Aiton does not cite *Soland*.

= *Pennisetum setosum* (Sw.) Rich.

type not seen

Panicum serotinum Trin. Gram. Pan. 166. 1826, as syn. of *P. italicum* L.; Mém. Acad. St. Pétersb. VI. Sci. Nat. 1: 203. 1834.

Note by A.S.H. says "a form of *Setaria italica*."

Europe

Panicum serotinum Hort. ex Schult. Mant. 3: 598, 1827, in obs.

Name only in discussion after *Setaria italica*

Panicum serpens Kunth, Rev. Gram. 1: 38. 1829, without descr.

Change of name for "*P. pygmaeum* [misapplied by] Spreng. exol. syn. Brown." fide C. E. Hubb.

Based on "*P. pygmaeum* Spreng., exol. syn. Brown." -- *Insulae Franciae et ? Bourboniae*."

Kunth also cites "*Panicum repens* Nees ab Esenb." Descr. by Nees only in Agrost. Bras. p. 109 under *P. procumbens* & *repens*.

Isl. Indian Ocean

Panicum serraefolium Hochst. Flora 38: 196. 1855.

"von Herrn Schimper aus Abyssinien."

Basis of *Brachiaria serrifolia* (Hochst.) Stapf

Aethiopia

Africa

Panicum serrarium Fig. & De Not. Mem. Acad. Sci. Torino. 14: 347. 1854. (Separate 1853)

"In Nubia superiore ad flumen caeruleum."

North Africa

Panicum serratulatum Buch.-Ham. ex Wall. List n. 8699. 1849, nom. nud.

India

Panicum serratum Spreng. Syst. Veg. 1: 309. 1825.

("Given "Ad *Panicum* referri debent *Holcus serratus*" R. Br. Prodr. Fl. Nov. Holl. 189. 1810. A.S.H. says "not publication.")

"(*Holcus serratus* Thunb.)"

= *Brachiaria serrata* (Thunb.) Stapf

Cape Good Hope Thunberg

Panicum serratum var. *gossypinum* (A. Rich.) Hack. ex Dur. & Schinz. Consp. Fl. Afr. 5: 765. 1894.

"Hack. in litt." but no descr. given.

Based on *P. gossypinum* A. Rich.

= *Brachiaria serrata* var. *gossypina* (A. Rich.) Stapf

Abyssinia

Panicum serratum var. *hirtum* Kuntze, Rev. Gen. Fl. 33: 364. 1898.

"Natal: Highland Station."

Africa

Panicum serratum var. *holosericeum* Hack. ex Dur. & Schinz. Consp. Fl. Afr. 5: 765. 1894.

"Hack. in litt." but no descr. given.

"*P. holosericeum* [R. Br. misappl. by] Nees (non R. Br.)"

"ad Klipplaatrivier fluvium... (Drège)."

[Africa]

= *Brachiaria serrata* (Thunb.) Stapf fide Stapf p. 538

Panicum serrulatum Roxb. Hort. Beng. 8. 1814, nom. nud. Fl. Ind. ed. Carey. 1: 309. 1820.

Spelled "serratutum" -- Hort. Beng.

"a native of moist valleys." India

Panicum serrulatum Schumacher, Beskr. Guin. Fl. 82. 1827. Not Roxb. 1820.

Guinea, Africa. [Thonning and other Danish botanists from title]

Panicum serrulatum Hochst. ex Steud. Syn. Fl. Glum. 1: 78. 1854, as syn. of *P. mangaloricum* Steud. Not Roxb. 1820.

"Hohenack. nr 366." [India: Canara pr. Mangalore]

Panicum seslerioides Rendle, Cat. Afr. Fl. Melw. 24: 174. 1898.

"Huilla. -- Nene heights, on the stream.... No. 2636."

Basis of *Sacciolepis seslerioides* (Rendle) Stapf

Belgian Congo

Africa

Panicum sessilicaule Desv. ex Hamilt. Prodr. Fl. Ind. Occ. 11. 1825, in note sub *P. cayennense* Lam.

Desv. Opusc. 95. 1831. "Habitat in Carolina"

(Not in A.S.H. Eur. Notes)

Doubtful species H. & C. *Panicum*

Panicum setaceum Muhl. Cat. Fl. 9. 1813, name only; Muhl. Desor. Gram. 99. 1817, name only.

"Habitat in Georgia" U.S.

= *P. aciculare* Desv. Man. U.S.

Panicum setaceum Hort. ex Trin. Gram. Pan. 166. 1826,
as syn. of *P. italicum* L. Not Muhl. 1817, name
only.

Panicum setarioides Steud. Syn. Fl. Glum. 1: 74. 1854.

"(Ex Hrbo. Mus. Paris.) Guiana."

T Guyana no. 13.

= *Echinochloa*

Panicum setarioides C. Cordem. in E. Cordem. Fl. Ile
Reunion 116. 1895. Not Steud. 1854.

"Littoral de Saint-Denis à Saint-Benoît."

Isl. Indian Ocean

Panicum setarioides Peter, Abh. Ges. Wiss. Göttingen
Math. Phys. Kl. N. F. 13: 110. 1928. Not Steud.
1854, nor C. Cordem. 1895.

In Bot. Jahrb. Engler 68: 140. 1937, Peter refers
this to *Panicum oxycephalum* Peter.

Africa

Panicum setarium Lam. Tabl. Encycl. 1: 170. 1791.

"Ex Amer. merid. Commun. a D. Richard."
[Commerson, Coll.]

T = *Oplismenus setarius* (Lam.) Roem. & Schult.

Man. U. S.

Panicum setifolium Nees, Agrost. Bras. 233. 1829.

"Habitat in Brasilia meridionali. (Sellow,--Herb.
Reg. Ber.)"

T Itambe.

Panicum setifolium Trin. ex Steud. Nom. Bot. ed. 2,
2: 263. 1841, nom. nud., as syn. of *P. rupestre*.
Not Nees 1829.

(A.S.H. Notebook. 2: 120. (Eur. Notes with his
fieldbooks)
Brasil. Langsdorff

Panicum setigerum Retz. Obs. Bot. 4: 15. 1786.

"E China misit Cel. Bladh."

Panicum setigerum Beauv. Fl. Oware 1: 49, 82. 1804.
Not Retz. 1786. China

"Au royaume d'Oware, dans l'intérieur des terres."

Oware, W. Africa

Basis of *Cyrtococcum setigerum* (Beauv.) Stapf, Fl.
Trop. Afr. 9: 746. 1920 and
P. chaetophorum (Roem. & Schult.) Dandy, Syst. Veg.
2: 884. 1817.

Panicum setigerum var. *tomentosum* Hook. f. Fl. Brit. Ind.
7: 37. 1896.

India

Panicum setisigne Mez, Bot. Jahrb. Engler 34: 133.
1904.

"Transvaal: um Lydenburg (Wilms n. 1674)."

S. Africa

Panicum setosum Swartz, Prodr. Veg. Ind. Ooc. 22. 1788.

"Jamaica," [Swartz]

West Indies

= *Setaria setosa* (Swartz) Beauv. Man. U. S.

Panicum setosum Hort. ex Trin. Gram. Pan. 166. 1826,
nom. nud. Not Swartz, 1788.

= *Setaria*

Hort.

Panicum setosum Trin. ex Doell in Mart. Fl. Bras.

2: 169. 1877, as syn. of *Panicum impressum* Nees.

Not Swartz 1788.

Brazil

Panicum setosum var. *leiophyllum* (Nees) Doell in Mart.

Fl. Bras. 2: 163. 1877.

Based on "*Panicum leiophyllum* Nees."

Basis of *Setaria leiophylla* (Nees) Kunth

Brazil

T

Panicum setosum var. *pubescens* Doell in Mart. Fl. Bras.

2: 162. 1877.

Brazil

= *Setaria*

Panicum Shallotte Ashe, Journ. Elisha Mitchell Soc.

16: 84. 1900.

Based on *P. glaberrimum* Ashe, not *P. glaberrimum*
Steud.

Manteo, Dare Co., N. C. [U. S.] Ashe in 1898.

= *P. ensifolium* Baldw. Man. U. S.

Panicum shastense Scribn. & Merr. U. S. Dept. Agr. Div.

Agrost. Circ. 35: 3. 1901.

"Type specimens collected in a moist meadow at the
edge of pine forests at Castle Crags, near Mt.
Shasta, California, by Louis A. Orestes, June 1899."

Man. U. S.

Panicum Shirleyanum Domin, Bibl. Bot. 85: 323. 1915.

"Queensland: Peak Downs (P. N. Mueller); Springsure
(Wuth)."

Australia

Panicum sibiricum Hort. ex Roem. & Schult. Syst. Veg.

2: 493, in syn. 1817.

Bercht. Oekon.-techn. Fl. Böhmens 1: 141. 1836, nom.
nud.

as syn. *Setaria italica*

Siberia

Panicum siccaneum Trin. Linnaea 10: 298. 1836.

"Colares, ad ost. fl. Amaz. in campis arenosis."
(America calidior, Poeppig.)

T

Brazil

Panicum Sieberi Link, Hort. Berol. 1: 207. 1827.

Based on "*Panicum prostratum* Sieber aegypt."

[Egypt. Sieber. Coll.]

T

"Ins. Mauritii."

= *Panicum reptans* L.

Panicum sieberianum (Aschers. & Schweinf.) Sickenb.

Mém. Inst. Egypt. 4: 300. 1901. without descrip-
tion. Aschers. & Schweinf. Illus. fl. Egypt.

3: 189 et suppl. 777. 1887.

Presumably based on *Panicum orus-galli* var. *sieberi-*
ana Aschers. & Schweinf.

Damiette [region Mediterr.] Zagazig, Schweinfurth;

Panicum simbenense Mez, Bot. Jahrb. Engler 57: 186. 1921.

"Ostafrika (Stuhlmann, Exped. Emin n. 28, Holst.
n. 378)."

T

Not in Stapf

Panicum simile Domin, Bibl. Bot. 85: 322. 1915.

"Queensland: Sandhügel der Dividing Range östlich
von Pentland; Savannenwälder bei Pentland (Domin, II.
1910)."

Australia

Panicum simplex Willd. ex Spreng. Syst. Veg. 1: 318.

1825, as syn. of *P. sumatrense* Roth.

Sumatra

Panicum simplex Rottl. ex Trin. Gram. Pan. 216. 1826.

Not Willd. 1825.

"V. sp. Ind. or. (Swartz, sub nomine dioto.)"

Panicum simplicissimum Koen. ex Jacks. Ind. Kew. 2: 419.

1894.

"Koen. Naturf[orscher] 23: 209. 1788." cited.

Koenig [generic name not mentioned] says "Es hat
eine Paniculum simplicissimum."

India

Panicum simpliciusculum Wight & Arn. ex Steud. Syn. Fl.

Glum 1: 96. 1854.

"(in Hrbo Wight nr. 2044.)"...."Ceylon."

Panicum Simpsoni (Vasey) Beal, Grasses N. Amer.

2: 109. 1896.

Based on "*P. sanguinale* var. *simpsoni* Vasey."

= *Digitaria simpsoni* (Vasey) Fern.

Manatee, Fla. (J. H. Simpson)

Man. U. S.

Panicum singulare Steud. Syn. Fl. Glum 1: 60. 1854.

"Portus Jackson" [New Holland]

Australia

Panicum sintenisii Nash, Bull. Torrey Club 30: 382.

1903.

"In woods, Guanica, Sintenis 3463."

= *P. utowanense* Scribn. Man. W. I.

Panicum sipapoense Swallen, Mem. N.Y. Bot. Gard.

9: 261. 1957.

Type: infrequent, rocks, Caño Profundo, Cerro Sipapo,
Amazonas, Venezuela, Jan. 14, 1949, Bassett Maguire &
Louis Politi 28364; U.S. National Herbarium no.
2,040,188. Also referable to this species is Bassett
Maguire & Louis Politi 27919, collected on banks,
lower Caño Negro, 1400 m, Cerro Sipapo, the latter
specimen smaller, 40 cm. high, with smaller, scarcely
exserted panicle, the uppermost sheath elongate with
very much reduced blade.

related to *Panicum loreum* Trin.

Panicum Sloanei Griseb. Fl. Brit. W. Ind. 551. 1864.

"Sl. t. 71. f. 3." cited

Jamaica

= *Lasiacis sloanei* (Griseb.) Hitchc.

Man. W. I.

Panicum snowdenii C. E. Hubb. Kew Bull. Misc. Inf. 1928: 132. 1928.

"Tropical Africa. Uganda: Mt. Elgon; Butandiga.... in shade of and near bushes, Aug. 1927, Snowden 1188."

Aff. *P. pusillo* Hook. f.

Panicum soboliferum Tuckerm. in Scribn. & Merr.

Rhodora 3: 106. 1901, as syn. of *P. minimum* Scribn. & Merr.

= *P. tuckermanni* Fern. Man. U. S.

Panicum sociale Stapf in Prain, Fl. Trop. Afr. 9: 701. 1920.

"Nile Land. Abyssinia: Gallabat; in wet places of the Chors near Matamma, Schweinfurth 1585! Sudan: without precise locality. Fenton!"

Africa

Panicum Sonorum Beal, Grasses N. Amer. 2: 130. 1896.

Based on *P. capillare*, *miliaceum* Vasey

Lerdo, Sonora, Mex. Man. U. S.
(Palmer 947 in 1889)

Panicum sordidum Thwaites, Emu. Fl. Zeyl. 443. 1864.

"Hab. Colombo, Mr. W. Ferguson"

Ceylon

Panicum Sorghi Delile, Fl. Aegypt Illustr. 51. 1813, nomen only.

Egypt

Panicum sorghoideum Desv. ex Hamilt. Prodr. Fl. Ind. Occ. 10. 1825.

"*P. sorghoideum* Herb. Prof. Desv. Porto Rico."

= *Lasiacis sorghoidea* (Desv.) Hitchc. & Chase
Man. W. I.

Panicum Sorghum Delile (?) ex Steud. Syn. Fl. Glum. 1: 58. 1854.

"Ex Hrbo. Despreaux lectum in Aegypto."

Africa

Panicum spadiiforme Peter, Abh. Ges. Wiss. Göttingen Math. Phys. Kl. N. F. 13²: 110. 1928, nom. nud.

In: Bot. Jahrb. Engler 68: 140. 1937, Peter refers this to *P. pyramidale* var. *spadiiforme* Peter.

[Africa]

Panicum spanianthum Steud. Syn. Fl. Glum. 1: 69. 1854.

"Urville legit ubi?"

Panicum sparmanni Mez, Bot. Jahrb. Engler 57: 188. 1921.

"Senegambien (*Sparmann*)"

Africa

Not in Stapf

Panicum sparsicolum Nees ex Steud. Syn. Fl. Glum. 1: 83. 1854.

"Ins. Ceylon"

in T notes on type, no spikelets

Cyrtocaulous

Panicum sparsiflorum Doell in Mart. Fl. Bras. 2²: 243. 1877.

"Habitat ad Itambé montem prov. Minas Geraes (Pohl n. 3585)."

Brazil

Panicum sparsiflorum Vasey, U. S. Dept. Agr. Div. Bot. Bull. 8: 36. 1889. Not Doell, 1877.

"South Carolina to Texas [type San Bernardino, Ridell 20]"

= *P. brachyanthum* Steud. Man. U. S.

Panicum sparsum Schumach. Beskr. Guin. Fl. 84. 1827.

Guinea, Africa [Thomning and other Danish botanists--from title]

"imperfectly known" in Stapf p. 738. "probably *P. maximum*"

Panicum sparsum Nees ex Steud. Syn. Fl. Glum. 1: 63.

1854, as syn. of *P. peregrinum* Steud. Not Schumach. 1827.

"sine loco natali"

Panicum sparsum Rottl. ex Steud. Syn. Fl. Glum. 1: 70. 1854. Not Schumach, 1827.

"in Wight Hrbo. nr. 37." " " "

"Ind. or."

Panicum spathellosum Doell in Mart. Fl. Bras.

2²: 241. 1877.

"In Brasilia (australi vel orientali) a cl. *Sello* lectum."

[Laxe, aff. *hians*]

Panicum speciosum Walt. Fl. Carol. 73. 1788.

"No specimen. It is possible that this may be *Sporobolus junceus* Kunth [S. *gracilis* in Manual] -- A.S.H. Rep. Mo. Bot. Gard. 16: 38. 1905."

South Carolina

Under Unidentified Names in Man. U. S.

Panicum speciosum Nees in Trin. Gram. Pan. 169. 1826. Not Walt. 1788.

Martius Para
T

= *Setaria* ♂ *Ptychophyllum*

Brazil

Panicum speciosum var. *laxum* Walp. Ann. Bot. 6: 950. 1861.

"ad fluvium amazonum cl. Pöppig (No. 3056 et 2281)."

Brazil

Panicum speciosum var. *Martianum* Walp. Ann. Bot. 6: 950. 1861.

"Brasiliae provincia Para legit Martius."

Panicum speciosum var. *Pöppigii* Walp. Ann. Bot. 6: 950. 1861.

"ad fluvium Amazonum cl. Pöppig (no. 3056 et 2281)."

Brazil

Panicum spectabile Nees in Trin. Gram. Pan. 138. 1826.

(See also Nees, Agrost. Bras. 262. 1829)

"V. sp. Brasil. (N. ab Esenb.)."

[Martius]

= *Echinochloa spectabilis* ^{thia} = *E. polystachya* (H.B.K.) Hitchc.

Panicum spectabile var. *guadeloupense* Hack. Notizbl. Bot. Gart. Berlin 1: 328. 1897.

"Habitat in Guadeloupe in fossis et locis aquaticis prope faubourgs de la Pointe à Pitre: *Duss* n. 3126."

= *Echinochloa pyramidalis* (Lam.) H. & C.

Panicum spectabile var. *helodes* Hack. ex Stuck. Anal. Mus. Nac. Buenos Aires 11: 74. 1904.

"Stuckert: Herb. arg. no. 13,863 (8. II. 1904), Estancia San Teodoro, ped. Villa-monte, Dep. Rio I. Prov. Córdoba."

Basis of *Pseudechinochloa helodes* (Hack.) Herter. 1942.

= *Echinochloa helodes* (Hack.) Parodi 1925.

Argentina

Panicum spergulifolium A. Camus, Bull. Soc. Bot. France 72: 619. 1925.

"Madagascar centr.: Massif d'Andringitra; (Ferrier de la Bathie, nos. 14334, 14413, 14551)!"

Panicum sphacelatum Schumach. Beskr. Guin. Fl. 78. 1827. Not Steud. 1854.

Guinea, Africa [Thomning and other Danish botanists--from title]

Basis of *Setaria sphacelata* (Schumach.) Stapf & Hubb.

Panicum sphacelatum Steud. Syn. Fl. Glum. 1: 92. 1854. Not Schumach. 1827.

Based on *Tricholaena sphacelata* Benth. in Hook. Niger. Fl. 559. *Saccharum sphacelatum* Walp.

Guinea

= *Rhynohelytrum roseum* (Nees) Stapf & Hubb.

Panicum sphaerocarpon Ell. Bot. S.C. & Ga. 1: 125. 1816

"Grows in Georgia. Dr. Baldwin"

Man. U. S.

Panicum sphaerocarpon var. *floridanum* Vasey, U. S. Dept. Agr. Div. Bot. Bull. 8: 33. 1889. Not *P. floridanum* Trin. 1834.

"Florida" [type Mosquito Inlet, Curtiss 3599].

= *P. erectifolium* Nash Man. U. S.

Panicum sphaerocarpon var. *inflatum* (Scribn. & Smith) Hitchc. & Chase, Contr. U.S. Nat. Herb. 15: 253. 1910.

Based on "*Panicum inflatum* Scribn. & Smith."

Biloxi, Miss. (Tracy 4622)

Man. U.S.

Panicum sphaerocarpon Salzm. ex Steud. Syn. Fl. Glum. 1: 51. 1854.

"Bahia. Paraguay."

T = *Setaria tenax* (L. Rich.) Desv.

Panicum sphaerocarpon var. *villosum* Doell. in Mart. Fl. Bras. 2: 170. 1877.

"a cl. Salzmänn (n. 700) prope Bahia locis aridis et prope Rio de Janeiro a cl. Burchell (n. 1745) lecta est. Etiam prope Cayenne occurrit L. Cl. Richard, Sagot n. 1339).

= *Setaria tenax* (Rich.) Desv.

Panicum sphagnicolum Nash, Bull. Torrey Club 22: 422. 1895.

"--collected by the writer this summer in a sphagnum bog at Lake City, Florida, and will be distributed as No. 2500" [Nash]

Man. U. S.

Panicum spicatum (L.) Roxb. Hort. Beng. 7. 1814, without descr.; Fl. Ind. 1: 286. 1820.

Based on *Holcus spicatus* L.

= *Fernisetum glaucum* (L.) R. Br. [but misapplied] Man. U. S.

India

Panicum spicatum (L.) Farwell, Rhodora 32: 262. 1930. Not Roxb. 1820.

Based on "*Aira spicata* L. Sp. Pl. p. 63 (A. indica Linn.)."

= *Sacciolepis indica* (L.) Chase, based on *Aira indica* L. Sp. Pl. in Errata 1753.

India

Panicum spiciforme Hochst. ex A. Rich. Tent. Fl. Abyss. 2: 359. 1851.

"in pl. Schimp. Abyss., sect. III, no. 1825.

"Crescit in locis paludosis in planitie montana provinciae Chire,.... (Schimper)."

= *Sacciolepis spiciformis* (Hochst.) Stapf

Abyssinia

Panicum spinescens R. Br. Prodr. Fl. Nov. Holl. 193. 1810.

"(J.) apud Portum Jackson, inclusis ripis aestuarii Hunter's River vel Coal River."

Basis of *Pseudoraphis spinescens* (R. Br.) Vickery

Australia

Panicum spissifolium Swallen, Bull. Torrey Club 75: 86. 1948.

"on rocks in white sand from conglomerate and sandstone, Kaletour Savannas, British Guiana, April 30, 1944, Maguire & Fanshawe 23092"

Panicum spithameum Willd. ex Nees, Agrost. Bras. 152.

1829, as syn. of *P. fasciculatum*; Willd. ex Steud.

Nom. Bot. ed. 2. 2: 263. 1841. "Willd. hrb." as syn. of *fasciculatum*.

South America, Humboldt.

= *P. fasciculatum* Sw. Man. U. S.

Panicum spithameum Willd. ex Steud. Syn. Fl. Glum.

1: 80. 1854, as syn. of *carthagenense* [? error for *P. spithameum* Willd.]

"Willd. hrb."

= *P. fasciculatum* Sw. Man. U. S.

Panicum spongiosum Stapf in Frain, Fl. Trop. Afr.

9: 661. 1920.

"Lower Guinea, Belgian Congo: Stanley Pool Distr. (7); Bugumu, Vanderyst, 43221"

Africa

Panicum Sprengelianum Schult. Mant. 2: 234. 1824.

Based on *P. heterophyllum* Spreng. Not Schreb. in Muhl.; descr. copied.

Ind. Or.

Panicum Sprengelii Kunth, Rév. Gram. 1: 39. 1829.

Based on *P. Muhlenbergii* Spreng.

Amer. bor.

= *P. depauperatum* Muhl. Man. U. S.

Panicum spretum Schult. Mant. 2: 248. 1824.

Based on "Muhlenb. Desor. ub. p. 125. n. 37. (sine nomine)" - "N. Anglica."

New England

Man. U. S.

Panicum squamatum Fourn. ex Hemsl. Biol. Centr. Amer.

Bot. 3: 496. 1885, nom. nud.; Fourn. Mex. Pl. 2: 18.

1886.

"Mundo Nuevo (Karw. n. 982)."

Mexico

= *Paspalum langei* (Fourn.) Nash

Panicum squamigerum Pilger in von Rosen, Wiss. Ergeb.

Schwed. Rhod.-Kongo Exped. 1: 203. pl. 15 f. 1-3.

1915.

"Nordost-Rhodesia: am Kalungwisi-river zwischen dem Bangweilo und Tanganyika-See, auf abgebranntem Boden in Trockenwald [28. Okt.-n. 1140]."

Africa

Panicum squarrosum Retz. Obs. Bot. 4: 15. 5: pl. 1.

1786.

"In arenosis Malabarise tempore pluvioso frequens." Cl. autem König.

= *Trachys muricata* (L.) Pers.

India

Panicum squarrosum (L.f.) Lam. Tabl. Encycl. 1: 171.

1791. Not Retz. 1786.

Based on "*Andropog. squarrosum* L.f."

= *Chamaeraphis spinescens* but misappl. to *Vetiveria zizanioides*. see Stapf, Kew Bull. 1906: 347, 348.

Ceylon

Panicum stagnatile Hitchc. & Chase, Contr. U.S. Nat.

Herb. 17: 528. f. 141. 1915.

"Type in the U.S. National Herbarium, no. 693328, collected in water of swamp, Frijoles, Canal Zone, Panama, October 12, 1911, by A. S. Hitchcock (no. 8388)."

Panicum stagninum Retz. Obs. Bot. 5: 17. 1789.

"Indiae Orientalis D. Koenig."

Basis of *Echinochloa stagnina* (Retz) Beauv.

Panicum stagninum Retz. ex Host, Icon. Gram. Austr.

3: 35. pl. 51. 1805.

(I have added this to the catalogue because it has been referred to in synonymy as if it were Host. C.D. Miles)

Banatus [Rumania]

= *Echinochloa crusgalli* (L.) Beauv. in Stapf

Panicum stagninum Stev. Mem. Soc. Nat. Moscou 3: 251.

1812, without descr.

Refers to "Sp. pl. ed. Willd. 1: 337 ?"

"In agris oryzaceis circa Kislar et in ditione Kubensi frequens. Floret Junio. [Caucasus - Russia - Bur.]"

Willdenow's plant is given "Fennich" [Finland]

Retzius' plant is Ind. Or.

Panicum stagninum var. *Burgu* (Chevalier) Chevalier Expl.

Bot. Afr. Occ. Franç. 1: 730. 1920.

Based on *P. Burgu* Chevalier

Echinochloa

not in Stapf

Panicum stanleypoolense Vanderyst, Bull. Agr. Congo.

belge 10: 247. 1919, as syn. of *Panicum proliferum*

var. *longejubatum* Lam. [err. for Stapf.]

Robyns Mem. Inst. Col. Belge

(Sec. Sci. Nat. & Med. 1: 54. 1932 gives this as syn. of *Panicum longijubatum* Stapf.)

Panicum Stapfianum Fourc. Trans. Roy. Soc. South Afr.

21: 76. 1932.

Based on *P. minus* Stapf, not Nash 1895.

So. Africa

Panicum stapfianum var. *planifolium* Stapf ex Wilman, Pre-

lim. Check List Fl. Pl. & Ferns Oricualand 320. 1946.

Based on *P. minus* Stapf var. *planifolium* Stapf in Thielst-Dyer.

Africa

Panicum Stefaninii Chiov. Fl. Nov. Minus Not. Aethiop.

23. 1928, as syn. of *Brachyaria Stefaninii* Chiov.

Abyssinia

Panicum stellatum Larran. Escrib. D. A. Larran. 2: 28.

1923 [Publ. Inst. Hist. Geogr. Urug. 2: 28. 1923.

Entire description: "spicis digitatis, subsensis, unilateralibus stielatim extensis: flosculis geminis. (Tachada esta 3^a. especie)."

[Book in Library of Pan-American Union]

[Uruguay]

Panicum stenanthum Steud. Syn. Fl. Glum 1: 96. 1854.

"Isachne angusta. Nees in Willd. Hebr. et Mpt. Petit-Thouars legit in ? Madagasc."

= *Isachne*

Panicum stenocladium Trin. Gram. Pan. 200. 1826.

"*Aira distichophylla* Spreng! Schult. Mant. 2: 379."

"*Panicum distichophyllum* N. ab Es in litt."

"V. spp. Bras. (Sprengel, Martens, Langsdorff.)"

T = *P. subulatum* Spreng

Panicum stenodes Griseb. Fl. Brit. W. Ind. 547. 1864.

"Hab. Jamaica!, Pd., [Purdie] in savannas, Manches-ter; Trinidad! Pd., in sandy swamps; [Cuba!; Brazil!]"

T Man. W. I.

Panicum stenodoides Hubb. Proc. Amer. Acad. 49: 497.

1913.

Type (in the Gray Herb.) and only specimen seen, low pine ridge, Yacuos Lagoon, March 5, 1907. M. E. Peck, no. 661."

British Honduras

Panicum stenophyllum Haek. Oesterr. Bot. Zeitschr.
51: 371. 1901.

"Brasilia, in provincia Goyaz leg. Glaziou, nr.
22534."

A.S.H. 4: 5 (Eur. Notes with his fieldbooks)

Panicum stenostachyum Thwaites, Enum. Fl. Zeyl. 436.
1864.

"C. P. 3845."

"Hab. --Trincomalee Rev. S. O. Glenie."

Ceylon

≠ P.

Panicum stenostachyum Benth. Fl. Austral 7: 470. 1878.
Not Thwaites 1864.

"N. Australia. Upper Victoria River, F. Mueller."

Panicum stenotaphrodes Nees ex Steud. Syn. Fl. Olum.
1: 41. 1854.

"Ins. Choin legit Ouming."

= *Digitaria stenotaphrodes* (Nees) Stapf

Pacific Is.

Panicum stenothyrsus Pilger, Bot. Jahrb. Engler
25: 710. 1898.

"Ecuador: Rio bamba et locis vicinis; Penipe, in
rupibus sterilibus (coll. eouad. n. 247)."

= *Setaria cermua* Kunth fide Pilger

Panicum steudelianum Domin, Bibl. Bot. 85: 296. 1915.

Based on *Paspalum minutiflorum* Steud. 1854. not
Desv. 1831.

= *Digitaria longiflora* (Retz) Pers.

Fortune nr. 128. China

Panicum steudelianum var. *striatum* (R. Br.) Domin, Bibl.
Bot. 85: 296. 1915.

Based on *Panicum striatum* R. Br. 1810, not Lam. 1781.

Basis of *Digitaria striata* (R. Br.) Hughes

Portum Jackson...Hunter's River vel Coal River
[Australia]

Panicum stevensianum Hitchc. & Chase, Contr. U. S. Nat.
Herb. 17: 498. f. 77. 1915.

"Type in the U.S. National Herbarium, no. 693323,
collected "on wet sand around pool, forming a dense
carpet, white sand region, Campo Alegre near Laguna
del Tortuguero" Porto Rico, November 25, 1913, by
Agnes Chase (no. 6616)."

Man. W. I.

Panicum steyermarkii Swallen, Mem. N.Y. Bot. Gard.
9: 402. 1957.

Type: frequent along banks of Caño Mojado, east of
north escarpment, below upper falls of Caño Mojado,
alt. 1895-1910 m., Torono-tepui, Chimanta Massif,
Bolívar, Venezuela, February 20, 1955, Julian A.
Steyermark & John J. Wurdack 954 (U.S. 2,182,133).
Also collected along river banks in a scrub forest
near Summit Camp, Feb. 2, 1955, Julian A. Steyermark
& John J. Wurdack 327. The spikelets of the latter
specimen average somewhat smaller than those of the
type.

Panicum stigmatistatum Mez, Bot. Jahrb. Engler 34: 140.
1904.

"Chasalquellengebiet: Land der Djur, grosse Seriba
Ghattas (Schweinfurth n. 2299)."

Basis of *Brachiaria stigmatistata* (Mez) Stapf

Africa

Panicum stigmaosum Trin. Gram. Pan. 194. 1826.

"V. spp. Brasil (Langeadoff.)"

T

Panicum stigmaosum var. *parviflorum* Doell in Mart. Fl.
Bras. 2: 225. 1877.

"var. β forma glabra in Brasiliae regionibus meri-
dionalibus (Sello n. 4906); forma vestita ad Caldas
provinciae Minarum (Regnell III. n. 1360)."

"Regnell III 1360 D "type coll. P. protractum Mez
but not same species as III, 1360 in Berlin."

see Types

Panicum stipitatum Presl, Rel. Haenk. 1: 297. 1830.

Hab. in Mexico; Luzon ?

T

Panicum stipitatum Nash in Scribn. U. S. Dept. Agr. Div.
Agrost. Bull. 17 (ed. 2): 56. f. 352. 1901.

Based on *P. elongatum* Pursh, 1814. Not Salisb.,
1796.

New Jersey to Virginia- U.S.

Man. U. S.

Panicum stoloniferissimum Vanderyst, Bull. Agr. Congo
Belge 13: 335. 1922.

form or var. *gangangalaense* l.c.

"Cult. Jard. Agrost. de Leverville 1916-19."

Africa

Panicum stoloniferum Poir. in Lam. Encycl. Suppl.
4: 274. 1816.

"Cette plante croît à l'île de Cayenne."

H. & C. Panicum

Panicum stoloniferum var. *major* Kunth, Rév. Gram. 1:
Suppl. IX. 1830, without descr.

"*Panicum trichoclados* Reichenb." cited as syn.

Panicum stoloniferum var. *major* Kunth, Distr. Meth.
Gram. 2: 389. 1831.; Not 1: Suppl. IX. 1830.

Based on *P. otenodes* var. *major* Trin.

= *P. frondescens* Meyer

Pan. H. & C.

Panicum stoloniferum var. *minus* Trin. ex Doell, in
Mart. Fl. Bras. 2: 210. 1877.

Panicum stoloniferum Poir. cited.

l'île de Cayenne. French Guiana

Panicum stramineum Hitchc. & Chase, Contr. U. S. Nat.
Herb. 15: 67. f. 50. 1910.

"U. S. National Herbarium no. 592753, collected 1887.
Guaymas, Sonora, Mexico, by Dr. Edward Palmer (no.
206)."

Man. U. S.

T

Panicum strephioides Haek. Oesterr. Bot. Zeitschr.
51: 291. 1901.

Based on "*Strepium pulchellum* Wright"

= *Enicochloa pulchella* (W.) Chase

Cuba

T

Panicum streptostachys Spreng. Syst. Veg. 1: 316. 1825.

Based on *Streptostachys aspera* Desv. (error for
asperifolia)

Tropical America

= *Panicum asperifolium* (Desv.) Hitchc.
Man. W. I.

Panicum streptostachys f. *paleacea* Doell in Mart. Fl.
Bras. 2: 231. 1877.

No place cited for forma

= *Panicum asperifolium*

Panicum striatissimum C. E. Hubb. Kew Bull. Misc. Inf.
1926: 250. f. 3. 1926.

"Tropical Africa. Kenya Colony: western slopes of
Mount Kenya, along the trail from West Kenya Forest
Station to summit, in the Bamboo zone, at about 3000m
elevation; Mearns 1682 (type), 1750, 1760, 1766."

U.S.

Panicum striatulum Schult. Mant. 2: 252. 1824.

Based on "*Panicum striatum* R. Brown"

"Pag. 462 n. 140. *Panicum striatum* muta nomen
striatulum," no reason given.

= *Digitaria striata* (R. Br.) Hughes

Portum Jackson. Hunter's River vel Coal River
Australia

Panicum striatum Lam. Tabl. Encycl. 1: 172. 1791.

"Carolina. Com. D. Fraser"

Note by A. C.: "A syn. of *Holcus striatus* L. but not
based on it. L. is not cited, neither in Illust. nor
Encyclo." photo & spikelets of type in Nat. Herb.

= *Sacciolepis striata* (L.) Nash Man. U. S.

Panicum striatum R. Br. Prodr. Fl. Nov. Holl. 192. 1810.
Not Lam. 1791.

"(J.) apud Portum Jackson, inclusis ripis aestuarii
Hunter's River vel Coal River."

Basis of *P. striatulum* Schult. Mant. 252. 1824.
and of *Digitaria striata* (R. Br.) Hughes

Australia

Panicum striatum Lam. misappl. by Spreng. Syst. Veg.
1: 318. 1825.

"Carolin. austr. Nepal. (2 *asperissimum* Jacq. Link.)"
as syn. of *P. miliaceum* L. in Ind. Kew 3: 419. 1894.

Panicum striatum Lam. misappl. by Chapm. Fl. South.
U. S. ed. 2. 666. 1883.

misapplied to *P. adpersum* Trin.

Man. U. S.

Panicum striatum Muhl. ex Hensl. Biol. Centr. Amer.
Bot. 3: 492. 1885; Fourn. Mex. Fl. 2: 19. 1886.
as synonym of *P. neuranthum* Griseb.

"*Panicum striatum* Muhl. not Lam." cited; error, not
in Muhlenberg's works.
In Doubtful species--H. & C. Pan. 331. 1910.

"Liebman n. 330" cited = ?
"Schaffn. n. 264" cited = ?
"Wright 3453 (in part)" cited = *P. neuranthum* Griseb.

Panicum strictifolium Nash, Bull. Torrey Club 26: 579.
1899.

"high pine land at Eustis, Lake Co., Florida, May
3, 1894, no. 603." Nash

= *P. melleum* Nash

Man. U. S.

- Australia

Panicum sublaetum (Stapf) Stapf in Frain, Fl. Trop. Afr.
9: 671. 1920.

Based on "P. laetum Stapf in Johnston, Liberia, 11. 666; Pobéguin, Ess. Fl. Guin. Franç. 215; not of Kunth."

Africa

Panicum sublaeve Swallen, Contr. U. S. Nat. Herb.
29: 424. 1950.

Based on *Panicum rigidum* Swallen, not Balfour 1884.
Panama. Pittier 4526.

Panicum submontanum Hayata, Journ. Coll. Sci. Univ.
Tokyo 30: 402. 1911.

"Taitō: Harōye, leg. T. Kawakami et Z. Kobayashi,
1907, Oct. (No. 6019)." Formosa

Panicum subobliquum Stapf in Frain, Fl. Trop. Afr.
9: 723. 1920.

"Upper Guinea. French Guinea: Pouta Jallon;
Dahala plateau....Chevalier, 18755!"

Africa

Panicum subpellucidum Steud. Syn. Fl. Glum. 1: 77. 1854.

"P. agrostideum var. Salzm. Bahia."

Brazil

[Salzm. 703]
T

Panicum subpetiolatum Steud. Syn. Fl. Glum. 1: 70. 1854.

Based on "P. petiolatum Salzm. nec. Nees. Bahia."
± *Ichnanthus*

Brazil

Panicum subpetiolatum Hack. ex Bertero, Anal. Cient.
Paraguay II. No. 2. 151. 1918, without descr.

[presumably Steudel species identified by Hackel]

"Par., Arg. y casi seguramente Bra." [Bra. = litoral
del Estado de Paraná] N. 5356 [Bertonii]

Panicum subpilosum Peter, Repert. Sp. Nov. Fedde, Beih.
40: 183, 189 & Anhang, 37. pl. 11. f. 2. 1930.

"Deutsch Ost Afr.: Handel: ...Meele → Gomboro....
Peter 25104"

Panicum subquadriparium Trin. Gram. Pan. 145. 1826.

"v. spp. ex Inss. Marian, Ind. or. (Eschholz.
Chamisso. Lindley.)."

[Icon. Fl. 2: 186. 1829, drawn from Guam specimen]

= *Brachiaria subquadriparia* (Trin.) Hitchc.

Pacific Isls.

Panicum subrepandum Rendle, Cat. Afr. Fl. Welw.
24: 178. 1899.

"Huilla.--In bush-grown wooded places at Monino....
No. 2686." Welwitsch.

Africa

Aff. *P. natalense* Hochst.

Panicum subsimplex Ashe, W. C. Agr. Exp. Sta. Bull.
175: 115. 1900.

"Collected by Mr. A. Commons in dry rocky woods near
Wilmington, Del., in August."

= *P. ommutatum* Schult. Man. U. S.

Panicum subsphaerocarpum Salzm. ex Schlecht. Linnaea
31: 483. 1861-1862.

"Salzm. pl. exsicc." "Bahia in fruticetis."

= *Setaria*

Brazil

Panicum subspicatum Desv. Opusc. 84, [188]. 1831.

Based on "P. poeforme Desv. in Poir. in Lam. Encyc.
sup. 4. p. 284, non Willd."--

"Habitat in America?"

Panicum subspicatum Vasey, U. S. Dept. Agr. Div. Bot.
Bull. 8: 25. 1889. Not Desv. 1831.

"Texas, Nealley"

"Type in Nat. Herb."

= *P. ramisetum* Scribn. Man. U. S.

Panicum subtile Nees ex Steud. Nom. Bot. ed. 2. 2: 264.
1841, as a syn. of *P. distachyum* L.

this basis of *Brachiaria distachya* (L.) Stapf
Ind. or.

Panicum subulatum Spreng. Syst. Veg. 1: 319. 1825.

Type loc: "Brazil."

Panicum subulifolium Mez, Bot. Jahrb. Engler 34: 135.
1904.

"Kapland (Wahlenberg in Herb. Holm.)."

Afr. austr.

Panicum subumiflorum Bosc ex Spreng. Syst. Veg. 1: 312.
1825.

"Carolin." Bosc

= *P. aciculare* Man. U. S.

Panicum subvillosum Ashe, Journ. Elisha Mitchell Soc.
16: 86. 1900.

"....Carlton. Minnesota in August, in the simple
state. Type material preserved in my herbarium."

Ashe. T coll. U.S. Herb. Man. U. S.

Panicum subxerophilum Domin, Bibl. Bot. 85: 316. 1915.

"Queensland: bewaldete Sandhügel der Dividing Range
bei Jericho (Domin, III. 1910)."

Australia

Aff. *P. bicolor*

Panicum succisum Swallen in Cowan, Brittonia
7: 391. 1952.

Based on "P. inaequale Pilger, Bot. Jahrb. Engler
30: 133. 1901; not *P. inaequale* Muell. Fragm.
8: 189. 1874."

Panicum sucosum Hitchc. & Chase, Contr. U. S. Nat.
Herb. 17: 475. f. 30. 1915.

"Type in the U. S. National Herbarium, no. 693325,
collected in water of a pond at Orozco, near Cuada-
lajara, Jalisco, Mexico, September 29, 1910, by
A. S. Hitchcock (no. 7379)."

Mexico

Panicum suffrutescens Steud. Syn. Fl. Glum. 1: 92. 1854.

"P. Teneriffae var. minor. Hochst. Steud. hrbr. un.
it nr. 759. Arabia fel."

= *Tricholaena*

Panicum suffultum (Mikan) Kuntze, Rev. Gen. Pl.
38: 364. 1898.

Based on "*Paspalum suffultum* Spr. 'Mikan' "

= *Axonopus suffultus* (Mikan) Parodi

Brazil

Panicum suisshaense Hayata, Icon. Fl. Formos. 7: 62.
f. 33. 1918.

"Hab. Suisha, leg. B. Hayata, Aug. 1912."

Japan

Panicum sulcatum Aubl. Fl. Guian. 1: 50. 1775.

"croît au bord des rivières."

Fr. Guiana

= *Setaria paniculifera*

Man. W. I.

Panicum sulcatum Bertol. Opusc. 4: 236. 1820; Bertol.
Excerpt. 14. 1820. Not Aubl. 1775.

"Habitat in Brasilia, unde attulit Raddius---"

= *Setaria poiretiana* Man. W. I.

Panicum sulcatum var. *stenophyllum* Pilger, Bot. Jahrb.
Engler 33: 46. 1902.

"Togo: Bismarckburg (Kling n. 225, 1889).
Huilla: (Antunes n. 31.)"

Setaria

Africa

Panicum sulphureum Nees & Mey. ex Steud. Nom. Bot.
ed. 2. 2: 264. 1841, nom. nud.

China

Panicum sumatrense Roth ex Roem. & Schult. Syst. Veg.
2: 434. 1817; Roth, Plant. Sp. Ind. Orient. 50.
1821.

"Roth, nov. plant. Spec. Mss. ... In Sumatra. Hayne.
E. Coromandelina quoque specimen possidemus."

Panicum superatum Hack. Oesterr. Bot. Zeitschr. 51: 427.
1901.

"Brasilia: Rio de Janeiro, Olaziou nr. 17904."

Panicum supernum Swallen, Mem. N.Y. Bot. Gard.
9: 256. 1957.

Type: occasional on savanna on summit of Cerro
Guany, alt. 1800 m, Amazonas, Venezuela, February
4, 1951, Bassett Maguire, Kathleen D. Phelps, Charles
B. Hitchcock & Gerald Budowski 31751; U.S. National
Herbarium no. 2,078,752.

Panicum supervacuum C. B. Clarke, Journ. Linn. Soc.
24: 407. f. 1. 1888.

"Hab. Bengalica, C. B. Clarke, nm. 35103, 33585,
36932."

India

Panicum surinamense Hochst. ex Steud. Syn. Fl. Glum.
1: 42. 1854.

"Hrbr. Dr. Hostmann nr. 12831." "Surinam"

Basis of *Axonopus surinamensis* (Hochst.) Henr.

Panicum Swartzianum Hitchc. Contr. U.S. Nat. Herb.
12: 140. 1908.

Based on "P. lanatum fl. ind. oco. Jamaica. Swartz."

Not *P. lanatum* Rottb. 1776.

= *Lasiacis sorghoidea* (Desv.) Hitchc. & Chase
Man. W. I.

Panicum Swynnertonii Rendle, Journ. Linn. Soc. Bot.
40: 230. 1911.

"Hab. Northern Mafsetter....n. 1702a." C.F.M.
Swynnerton, Collector-[Gazaland, S. C. Rhodesia and
portions of Portuguese territory which adjoin it]

Africa

Panicum sylvaticum Lam. Encycl. 4: 733. (err. typ. 743)
1798.

"Cette plante croît naturellement à l'Isle-de-France
dans les bois, où elle a été recueillie par Commerson
Basis of *Oplismenus sylvaticus* (Lam.) Roem. & Schult.

Mauritius

Panicum syzigachne Steud. Flora 29: 19. 1846.

"die japanischen Gräser....der Göring'schen Sammlung."
Basis of *Beckmannia syzigachne* (Steud.) Fern.

Japan

Man. U. S.

Panicum tabulatum Hack. Bot. Jahrb. Engler 6: 234. 1885.

"Australia boreali-occidentalis, in continente juxta
Archipelagum Dampieri, in locis humidis gregariis
(29. 4. 75)."

Neumann
T

Panicum taitense Steud. Syn. Fl. Glum 1: 418. 1855.

"El Jardin legit in Ins. Taiti."

Ins. Pacific Ocean

Panicum tamayonis Luces, Bol. Soc. Venez. Cienc. Nat.
15: 24 f. 17. 1953.

"El espécimen tipo---en el Herbario del Instituto
Botánico del Ministerio de Agricultura y Cria,---
coleccionado en Sta. Elena, Gran Sabana, Edo. Bolívar
por F. Tamayo No. 3061 el 4 de marzo de 1945."

Venezuela

Panicum tambacoundense Berhaut, Bull. Soc. Bot. France
Mém. 1953: 1954.

Panicum Tatei Swallen, Bull. Torrey Club 58: 316. f. 2.
1931.

"Near summit of Ridge 25, 6000 ft., 524, 1030 (type)
(Tate, Coll. Venezuela. Mount Duida) N.Y. Bot.
Gard.

Aff. *Panicum loreum* Trin.

Panicum taurinum Steud. Syn. Fl. Glum 1: 74. 1854.

"Tauria."

Eur. Russia

Panicum taxodiorum Ashe, Journ. Elisha Mitchell Soc.
16: 91. 1900.

"Type: K. K. Mackenzie's No. 460. Hummocks in
cypress swamps. Lake Charles, La., September 1890."
= *P. lucidum* Ashe Man. U. S.

Panicum tectum Willd. ex Spreng. Syst. Veg. 1: 313. 1825,
as syn. of *P. dichotomum* L.

Seen by A.S.H. in Willd. herb. = $\begin{cases} P. villosissimum \\ \text{and} \\ P. xalapense H.B.K. \end{cases}$

2 specimens under name of *P. tectum* W.

= *P. villosissimum* Nash Man. U. S.

Panicum Teff Desv. Opusc. 97. 1831.

"P[anicum] coloratum B. Lamk. ill. no. 903"

"Habitat in Abyssinia."

Africa

Panicum tejucense Nees ex Trin. Gram. Pan. 162. 1826,
as syn. *Panicum glaucum* L.

Misapplied to *Setaria*

Panicum telmatodes Balansa, Bull. Soc. Bot. France
19: 324. 1872.

"Marais, flaques d'eau--Bourail (Bal. no. 895)."

Nouvelle--Caledonie

Panicum tenacissimum (Schrud.) Nees, Agrost. Bras. 238.
1829.

Based on "*Setaria tenacissima* Schr."

= " " " [Schrud.] ex Schult.

Brazil

Panicum tenax L. Rich. Bot. Soc. Hist. Nat. Paris
1: 106. 1792.

"E Cayenna missarum a Domino Le Blond."

Basis of *Setaria tenax* (L. Rich.) Desv.

French Guiana

Panicum tenellum Lam. Tabl. Encycl. 1: 173. 1791.

"E Sierra - Leona, Smeathm."

Africa

Panicum tenellum Roxb. Hort. Beng. 7. 1814, without
descrip.; Fl. Ind. ed. Carey, 1: 309. 1820.
Not Lam. 1791.

"Grows on pasture ground, borders of cultivated lands,
etc."

India

Panicum tenellum Griff. Notul. Plant. Asiat. (arr.
McClell.) 4: 21. 1854. Not Lam. 1791.

India,

Panicum tenellum Hort. ex Willd. Enum. Fl. 89 error
in Ind. Kew. 2: 419. 1894. for *Paspalum tenellum*
Willd. p. 49. 1809.

Panicum teneriffae (L.f.) Spreng. Veg. 1: 315. 1825.

Based on *Saccharum teneriffae* L.f.

"Ins. Canar."

= *Tricholaena teneriffae* (L.f.) Link.

Canary Isls.

Panicum teneriffae Parl. in Hook. Niger Fl. 183. [1849]
error for 189, not on p. 183. "*Panicum*" p. 189 is
error for *Saccharum Teneriffae*, Lin. fil. ..."

"*Panicum teneriffae*, Brown, Prodr. 1. p. 39" cited
in synonymy. There is no p. 39 in Brown, Prodr. it
begins with p. 145. On p. 189 Brown, Prodr. is a
note under the genus *Panicum* "Ad *Panicum* referri
debet *Saccharum Teneriffae* et *Holcus serratus*,---"
Brown did not make the combination; made in Ind. Kew
2: 419. 1894, R. Br. erroneously cited as author.

= *Tricholaena teneriffae* (L.f.) Link.

Panicum teneriffae R. Br. ex Jacks. Ind. Kew. 2: 419.
1894. R. Br. erroneously cited as author.

In R. Br. Prodr. Fl. Nov. Holl. 189 sub *Panicum* L.
(the genus) is "*Ad Panicum referri debent Saccharum
Teneriffae et Holcus serratus, in utroque enim gluma
biflora valvula exteriore minuta;*" but R. Br. does
not refer these to *Panicum* himself. *Saccharum ten-
eriffae* L.f. is basis of "*anicum teneriffae*(L.f.)
Spreng. 1825 and of *Tricholaena teneriffae* (L.f.)
Link, 1829.

Teneriffa, Canary Isls. Africa

= *Tricholaena teneriffae* (L.f.) Link 1829.

Panicum teneriffae var. *rosea* (Nees) F. M. Bailey,
Queensl. Grasses 22. 1888.

Based on "*Tricholaena rosea* Nees"

= *Rhynohelytrum roseum* (Nees) Stapf & Hubb.

"Capeno, Drago" [Africa]

Man. U. S.

Panicum tenerrimum Kunth, Rév. Gram. 1: 39. 1829.

Based on *Trichachne tenuis* Nees

= " " "

"Campo Grande, Ilha etc. in prov. Piauhiansi"
[Brazil, S. Amer.]

Panicum tenerum Beyr. ex Trin. Mém. Acad. St. Pétersb.
VI. Sci. Nat. 1: 341. 1834.

"V. spp. Georg. [Georgia] Amer. (in paludibus nemorum
cresco.) Beyrich ms." [No. 62]

Man. U. S.

Panicum tennesseense Ashe, Journ. Elisha Mitchell Soc.
15: 52. 1898.

"Based on No. 7087 Biltmore Herbarium: Cedar glades,
La Vergne Co., Tennessee."

Man. U. S.

Panicum tenue Muhl. Desor. Gram. 118. 1817.

No locality given U.S.

Man. U. S.

Panicum tenue Roxb. Fl. Ind., nom. nud.; ed. Carey
1: 313. 1820. Not Muhl. 1817.

"A wild species, which grows amongst the Circar
mountains."

India

Panicum tenuiculmum G. Meyer, Prim. Fl. Esseq. 58. 1818.

"In graminosis rarius."

no loc. given British Guiana

= *P. laxum* Sw.
Panicum H. & C.

Panicum tenuiflorum R. Br. Prodr. Fl. Nov. Holl. 193.
1810.

"(T.) Littora Novae Hollandiae intra tropicum."

= *Digitaria longiflora* (Retz.) Pers. fide Hughes;

Basis of *Digitaria tenuiflora* (R. Br.) Beauv.; this,
"*Panicum tenuiflorum* R. Br.)" is apparently a peren-
nial grass and has a stiff erect habit and long nar-
row leaves"--Stapf, Fl. Trop. Afr. 9: 470. 1919.
[not *D. longiflora* (Retz) Pers.

Australia

Panicum tenuiflorum Sohrank, Syll. Ratisb. 1: 192.
1824. Not R. Br. 1810.

"Patria: Habitat in Brasilia inter Tejuco et Bahiam,
ubi D. de Martius semina collegit."

basis of *Valfa minutiflora* Trin.
Agrostis Desf.
Sporobolus Link.

S. America.

Panicum tenuifolium Hook. & Arn. Bot. Beechey's Voy.
101. 1832.

[Sandwich Islands.]

[= Hawaiian Islands]

Panicum tenuissimum Mart. ex Schrank, Denkschr. Baier.
Bot. Ges. Regensburg 2: 26. 1822. [Hack. cites
Mart. & Schrank as authors]

Heimat: "Brasilien. Hr. Dr. Martius"
"Pflege: im warmen Hause"

the following description: "panicula capillari,
elongata, patente, composita; flosculis adpressis,
minutissimis; foliis margine asperis, culmoque ramoso,
glaberrimis, proligula denticulis brevissime ciliatis.
[Perem;"]

Basis of *Sporobolus tenuissimus* (Mart.) Kuntze

Panicum tenuissimum Vest ex Steud. Nom. Bot. ed. 2.
2: 264. 1841, as syn. of *Polypogon monspeliensis*.

Panicum tenuissimum Benth. Fl. Austral. 7: 470. 1878.

"Queensland. Brisbane River, Moreton Bay, F.
Mueller; Rockhampton, O'Shanesy."

Panicum tenuissimum var. *polychaetum* Domin, Bibl. Bot.
85: 296. 1915.

"Sud--Queensland: Tambourine Mountains, in den
Regenwäldern (Domin, III. 1910)."

Australia

Panicum tephrosanthum Hack. in Schinz, Bull. Herb.
Boiss. II. 1: 766. 1901.

"Sudost-Afrika: Boruma am Sambesi, Menyharth."
aff. *P. lasianthum* Trin.

Panicum teretifolium Hack. Oesterr. Bot. Zeitschr.
51: 372. Oct. 1901.

"Brasilia, prov. Rio de Janeiro, Glaziou
nr. 16622 et 17957."

A.S.H. 4: 5. Eur. Notebook with his fieldbooks.
Not N. Amer.

Panicum terminale C. Cordem. in E. Cordem. Fl. Ile
Reunion 117. 1895.

"Rare. Plaine des Palmistes."

Africa

Panicum ternatum Hochst. Flora 24(Intell. 1): 19. 1841,
nom. nud.; ex A. Rich. Tent. Fl. Abyss. 2: 405. 1851
as syn. of *Cynodon ternatus* A. Rich.; Steud. Syn. Fl.
Glum. 1: 40. 1854, published here.

Based on *Cynodon ternatus* A. Rich.
Abyssinia prope Adoua (Dillon & Schimper 76)
[Africa]

Panicum tetraspermum Steud. Nom. Bot. ed. 2. 2: 257,
in syn. sphalm. for *trachyspermum*.

Panicum tetrastichum Forsk. Fl. Aegypt. Arab. 19. 1775.

See Dryander, Trans. Linn. Soc. 2: 217. 1794.
Hab. "Rosettae ad littora Nili."

Panicum texanum Buckl. Prel. Rep. Geol. Agr. Surv. Tex.
App. 3. 1866.

"Austin, Tex." Man. U. S.

Panicum texanum Vasey, Agr. Grasses U. S. 36. pl. 7.
1884.

Given in Ind. Kew. Vasey cites Buckley.
= *P. texanum* Buckl.

Panicum thermale Boland. Proc. Calif. Acad. 2: 181. 1862

"On hot rocks and in hot water flowing from Geyser
springs and Geyser mountains, in the northern part
of Sonoma County."

[California] Man. U. S.

Panicum Tholloni Franch. Bull. Soc. Hist. Nat. Autun
8: 351. 1893.

"Hab.--Congo, dans les sables de Brazzaville
(Thollon, n. 826)."

Africa

Panicum thomasiannum Steud. ex Doell in Mart. Fl. Bras.
2: 188. 1877, as syn. of *Panicum molle* Swartz.

"*Panicum Thomasiannum* Steudel in herbariorum schedulis."

= *P. adspersum*
H. & C.

Panicum Thouarsianum Nees ex Steud. Syn. Fl. Glum.
1: 62. 1854.

"Petit--Thouars in Hrbo. Willd. sine loco natali."

Panicum Thrasya Trin. Mém. Acad. St. Pétersb. VI. Sci.
Nat. 1: 228. 1834; Steud. Syn. Fl. Glum. 1: 55.
1854.

Based on "*Thrasya paspaloides* Hb. et Kth."

"insula Orinocoensis Panumana inter vias Atures et
San Borja,"
South Amer.

Panicum thrasyoides Trin. Gram. Fan. 126. 1826.

"V. spp. Brasil. Langsdorff.)"

= *Thrasya thrasyoides*

Panicum Thuarii (Beauv.) Baspail, Ann. Sci. Nat. I.
5: 299. 1825.

Based on: "(*Gymnothryx* Palis.)" [*Gymnothrix thuarii*
Beauv.]

I'sle-de France (Dupetit-Thouars)

Mauritius. Africa

= *Pennisetum* acc. Leake

Panicum thuronii Scribn. & Smith, U. S. Dept. Agr. Div.
Agrost. Circ. 16: 5. 1899.

"...F. W. Thuron....collected in Waller County, Texas,
June 5, 1898, No. 9."

Man. U. S.

Panicum Thwaitesii Hack. Oesterr. Bot. Zeitschr. 51: 334.
Sept. 1901.

(*Digitaria*)

"Ceylon, Thwaites nr. 857(sub *P. sanguinalis*)

Basis of *Digitaria thwaitesii* Henr.

Panicum timorense Kunth, Enum. Fl. 1: 83. 1833; Kunth,
Rév. Gram. 1: Suppl. IX. 1830.

Based on *Digitaria propinqua* Gaudich 1826. Not
Beauv. 1812.

Timor

Panicum tiriocoides Swallen, Mem. N.Y. Bot. Gard.
9: 400. 1957.

Type: locally frequent at base of Upper Falls of Rio
Tirica above Summit Camp, alt. 1940-1950 m, Central
Section, Chimantá Massif, Bolívar, Venezuela, Feb-
ruary 7, 1955, Julian A. Steyermark & John J. Wurdack
535 (U.S. 2,182,126).

"---closely allied to *Panicum albociliatum* Swallen."

Panicum tiriocoides Swallen, Mem. N. Y. Bot. Gard.
9: 401. 1957.

Type: frequent, thickets along Rio Tirica, below
Summit Camp, alt. 1925 m, Central Section, Chimantá
Massif, Bolívar, Venezuela, Feb. 5, 1955, Julian A.
Steyermark & John J. Wurdack 475 (U.S. 2,182,124).

Panicum tjicoyense Steud. Syn. Fl. Glum. 1: 70. 1854.

"Hrbr. Zollinger nr. 338. In sylvaticis prope
Tjikoya Javae."

Panicum tomentosum Roxb. Hort. Beng. 7. 1814, without
descr.; Fl. Ind. 1: 303. 1820.

"growing in tufts, or dry pasture ground over
various parts of India."

Panicum tonkinense Balansa, Journ. de Bot. 4: 140. 1890.

"Tu-Phap, Ouombi, dans les forêts (Bal. 442, 1646)."
Tonkin

Panicum tonsum (Nees) Steud. Syn. Fl. Glum 1: 92. 1854.

Based on *Tricholaena tonsa* Nees
Cape Good Hope - Africa

Panicum Torreyanum Wight & Arn. ex Steud. Nom. Bot.
ed. 2. 2: 264. 1841.

"Torreyanum Wight. Arn. Ind. or."

Not in A.S.H. Eur. Notes

Panicum Torreyi Fourn. in Hemsl, Biol. Centr. Amer.
Bot. 3: 497. 1885.

Based on "*Panicum capillare*, var. *sylvaticum*, Torr.
Compend. Fl. Northern and Middle States, p. 71."
Fourn. Mex. Fl. 2: 28. 1886. (same basis, but one
spec. cited = *bulbosum*)

= *Pan. philadelphicum* Berah.
H. & C. Pan.

Panicum torridum Gaudich. in Frey. Voy. Uran. Bot.
411. 1830.

"In insulis Sandwichensibus"
Hawaiian Islands

Panicum trachycladus Schum. in Engl. Pflanzenw. Ost.-
Afr. 5: 108, sphalm. 1895.

Panicum trachypus Trin. Mém. Acad. St. Pétersb. VI.
Sci. Nat. 1: 258. 1834.

"V. sp. Nepal." India

Panicum trachyrhachis Benth. Fl. Austral. 7: 490. 1878.

"N. Australia. Victoria River, Elsey; Port Darwin,
Schultz, n. 343; Arnhem's Land, M'Kinlay."

Panicum trachyrhachis var. *tenuior* Benth. Fl. Austral.
7: 490. 1878.

"Queensland"....
Australia

Panicum trachyspermum Nees, Agrost. Bras. 212. 1829.

"Habitat in graminosis prope Pará provinciae Paraën-
sis."
Brazil

Basis of *Isachne trachysperma* (Nees) Nees

= *I. polygonoides* (Lam.) Doell see T

Panicum trachystachyum Nees, Agrost. Bras. 125. 1829.

♂ Perforata

"Habitat in Brasilia (Sieber.) (Vidi in Herb. Reg.
Berol.)."

Sellow in T

Panicum !

Panicum trachystachyum var. *angustifolium* Doell in Mart.

Fl. Bras. 20: 192. 1877.

"*Panicum trachystachyum* Nees cited as syn.

Brazil

Panicum trachystachyum var. *lineare* Doell in Mart. Fl.

Bras. 20: 192. 1877.

Panicum perforatum Nees cited as syn.

Brazil

Panicum transiens Swallen, Journ. Washington Acad. Sci.
21: 436. 1931.

"Type in the United States National Herbarium No.
1501526, collected on Mesa de Tierra, vicinity of San
José, alt. 1000 meters, Sierra de San Carlos,
Tamaulipas, Mexico, July 19, 1930, by H. H. Bartlett
(No. 10454)"

aff. *P. pedicellatum* Vasey & *P. nodatum* Hitchc. &
Chase

Panicum transvenulosum Stapf in Prain, Fl. Trop. Afr.
9: 660. 1920.

"Nile Land. Uganda: Mau forest, 8000 ft., Scott
Elliot, 6922!"
Africa

Panicum tremulosum Mez, Notizbl. Bot. Gart. Berlin
7: 76. 1917.

"Venezuela, prope Caracas (Moritz)."
T

Panicum tremulum Spreng. Neue Entd. 2: 103. 1821.

Based on "*Panicum* n. 39. Mühlenb. gram. p. 127" In
Nova Caesarea ["means new species"] Mühlenberg's
description partly transcribed, but locality not taken
from Muhl. Who gives none.

[New Jersey]

= *P. dichotomum* L. Man. U. S.

Panicum tricarinatum (Roth) Steud. Nom. Bot. ed. 2. 2:
264. 1841.

Based on "*Isachne tricarinata* Roth."
Ind. Or. (Heyne)

Panicum trichanthum Nees, Agrost. Bras. 210. 1829.

"*Panicum trichodes* Humb. et K.---(fide Herb. Willd.:
P. cuspidatum W.)"

Humboldt, Mexico

Panicum trichanthum A. Rich. Tent. Fl. Abyss. 2: 375.
1851. Not Nees 1829.

"Hochst., in pl. Schimp. Abyss., sect. 1, no. 115"

"Crescit in locis siccis oïrea Ambaetoña, in regno
Tigré....(Quartin Dillon) et in fissuris opacis
rupium regionis superioris septentrionalis montis
Selleuda....(Schimper)."

= *Panicum hochstetteri* Steud. in Stapf
Abyssinia
Africa

Panicum trichanthum var. *modestum* Doell in Mart. Fl.
Bras. 20: 248. 1877.

"ad Tocantins fluvium inter Porto Imperial et Funil
(Burchell n. 8791)."
T

Brazil

= *P. trichanthum* Nees

Panicum trichidiachne Doell in Mart. Fl. Bras.

20: pl. 49. 339. 1877.

"Rio de Janeiro (Glaziou n. 6979)."
T

Brazil

Panicum trichoclados Reichenb. ex Kunth, Enum. Fl.

1: 89. 1833, as syn. of *P. stolomiferum* var. *major*
Trin.

"Reichenb. in Weigelt. Herb. Surin."

Surinam

Panicum trichocladum Hack. ex Engl. Abh. Preuss. Akad.

Wiss. (Berlin) 2: 119, nom. nud. 1891. Not Reichenb.
(syn. only 1833)

see *P. trichocladum* Hack. ex Schum. 1895.

Africa

Panicum trichocladum Hack. ex Schum. in Engl. Pflanzenw.

Ost. Afr. 5^o: 103. 1895.

"Usagara-Usambara. (Segu.-Volkens n. 69). Kili-
mandscharo (H. Meyer n. 140)."

Africa in Stapf

Panicum trichocladum var. *perviflorum* Peter, Repert. Sp.

Nov. Fedde Beih. 40: 191 & Anhang, 38. 1930.

Deutsch Ost Afr. Winterhochland: im Kraterkessel
Ngorongoro → Laroda, im Wasser...(Peter 43179)"

Tanganyika Africa

Panicum trichocoendylum Steud. Syn. Fl. Glum. 1: 74. 1854

"Duchaising legit in Ins. Guadaloup."

= *P. maximum* Jacq. Man. W. I.

Panicum trichogonum Willd. Steud. Nom. Bot. ed. 2.

2: 264, 1841., as syn. of *P. polygonatum* Schrad.

= *P. polygonatum* Schrad.

H. & C. *Panicum*

Panicum trichoides Swartz, Prodr. Veg. Ind. Occ. 24.

1788.

"Jamaica, Hispaniola"

Man. W. I.

Panicum trichoides Swartz, misappl. by Cham. & Schlecht.

Linnaea 6: 33. 1831, without descr. Not Swartz,
1788.

Panicum tricholaenoides Steud. Syn. Fl. Glum. 1: 68.

1854.

"Ex Herbo. Deloche lectum in Montevideo."

Uruguay

Panicum trichophorum Schrad. ex Schult. Mant.

2: 247. 1824.

"In Brasilia, Princeps Sereniss. Maximil. Neowidensis."

= *P. pilosum* Sw.
H. & C. *Panicum*

Panicum trichopiptum Steud. Syn. Fl. Glum. 1: 85. 1854.

"*P. diffusum* Salzmann."

"Bahia. [enn] Senegamb. [mni] Guadeloupe."

Bahia, Salzmann = *P. rostellatum* Trin.

T ?

Panicum trichopodioides Mez & Schum. Notizbl. Bot.

Gart. Berlin 7: 60. 1917.

"Africa orient. Germanica, prope Amboni (Holst n.
2844), ad Bukoba (herb. inst. Amazi n. 5333)."

Not in Stapf

Africa

Panicum trichopodium Boiv. in Baron, Rev. Madagaso.

8: 837. 1906, nom. nud.

Nosibé. Indian Ocean

Panicum trichopodum A. Rich. Tent. Fl. Abyss. 2: 369.

1851.

"in pl. Schimp. Abyss., sect. III, no. 1656"
T

"Crescit in convalle fluvii Tsoazze prope Tonélatohé-
kanné....(Quartin Dillon et Schimper)."

= *P. trichopus* Hochst. 1844.

Africa

Panicum trichopus Hochst. Flora 27: 254. 1844.

"(In pll. exs. Fl. Aethiopicas Th. Kotschy nr. 74)"
T

... "in cultis provinciae Cordofan."

(Helopus)

Urochloa in Stapf

Africa

Panicum trichopus ssp. *breviglume* Chiov. Nuov. Giorn.

Bot. Ital. n. ser. 19: 419. 1912.

None cited [Colonia Eritrea - 1909-Fiori Coll.]

not in Stapf

Panicum trichopus [ssp. *breviglume*] var. *glaberrimum*

Chiov. Nuov. Giorn. Bot. Ital. n. ser. 19: 419. 1912.

"Hamasen: Ghinda,(n. 1260)."

Colonia Eritrea. [Fiori, Coll.]

not in Stapf

Africa

Panicum trichopus [ssp. *breviglume*] var. *trichophorum*

Chiov. Nuov. Giorn. Bot. Ital. n. ser. 19: 419. 1912.

"Hamasen: Ghinda....(n. 1259)."

Colonia Eritrea [Fiori, Coll.]

not in Stapf

Africa

Panicum trichopus var. *Chiovendae* Mattei, Boll. Orto

Bot. Giard. Colon. Palermo 9: 46. 1910.

"Beni-Amer.: In valle super. fluminis Sciotel. 4,
VIII, 1896. (n. 695)."
Senni, Coll.

Afr

see Stapf p. 590 note

Panicum trichostachyum Hort. ex Steud. Nom. Bot. ed. 2.

2: 264. 1841, as syn. of *Panicum sanguinale* L.

= *Digitaria*

not in Henrard

Panicum tricolor Hack. Oesterr. Bot. Zeitschr. 51: 370.

Oct. 1901.

"In insulis Bahama; Fortune Island, inter fructices
Eggera nr. 3978."
T

= *P. exiguilorum* Griseb. Man. W. I.

Panicum tridactylum R. A. Phil. Anal. Univ. Chile
93: 712. 1896.

[Chile] "In insula fluminis Chimbarongo in prov.
Curicó reperit orn. Ed. Moore."
= *Digitaria aequiglumis* (Hack. & Arech.) Parodi in
Henn.

Panicum triflorum Eigew. Cat. Fl. Banda Distr. 55. 1851.

"Among rocks at Banda; I formerly found it at Rudour
in fields, in the Sikh States."

India

Panicum trifolium Nash, Bull. Torrey Club 26: 580. 1899.

"Type collected by Dr. John K. Small, in the Ocmulgee
River Swamp, below Macon, Georgia, May 18-24, 1895."

Man. U. S.

Panicum trigonum Retz. Obs. Bot. 3: 9. 1783.

Panicum patens Burm [L. ex det.]

L. misapplied by Burmann.

India

"*Panicum*" *trigonum* Retz. Obs. 3: 9. Willd. Sp. 1: 352.
(Roxb. Fl. Ind. 1: 308?) in Kunth, Enum. Fl. 1: 116.
1833.

"*Indis orientalis* -- Isachne?" (Not Retz. ipse
misapplied)

Panicum trigonum Wight ex Steud. Syn. Fl. Glum 1: 83.
1854; as syn. of *P. sparsicomum* Nees. [not Retz.]

"*P. trigonum* Wight. olim. *Agrostis zeylonica*.
Klein. Hrbr."

Ceylon.

Panicum trinapalium Wall List n. 8722. 1849, nom. nud.

India

Panicum trinerve Trin. Gram. Icon. 2: pl. 226. 1829.

Langsdorff Brasil

Briza

"specimen Brasiliense"

Panicum trinitii Kunth, Rev. Gram. 1: Suppl. IX. 1830.

Based on "*Panicum rigidifolium* Trin." 1829. Not
Kth. 1829.

T = *Sacciolepis* sp.

Brasil

Panicum Trinii Moritz, Syst. Verz. Zoll. 102. 1846.
error for *Echinolaena trinitii* Zoll. & Moritz.

= *Pseudechinolaena polystachya* (H.B.K.) Stapf

Pantar Pété (East Indies, N. W. of Timor)

See card for *Echinolaena Trinii* Zoll. & Moritz.

Panicum triquetrum Willd. ex Doell in Mart. Fl. Bras.

2: 161. 1877, as syn. *Panicum caudatum* Lam. =

Setaria

Panicum tristachyoides Trin. Mém. Acad. St. Petersb. VI.
Sci. Nat. 2: 106. 1836.

"V. sp. e Sierra Leone. (sine fol.)"

Africa

valid in Stapf

Panicum tristachyum Hack. Bull. Herb. Boiss. II.

4: 525. 1904.

"In insula Bonin. Ex collectione Matsumurae."

Digitaria, not *D. tristachya* Schult.,

Basis of *D. matsumurae* Henr.

"verwandt mit *P. stenotaphroides* Nees"

Panicum triticeum Willd. ex Spreng. Syst. Veg. 2: 609.

1824; as syn. of *Pariana angustifolia* Spreng.

Pariana?

Ad Orinoco Humboldt.

Panicum triticoides Poir. in Lam. Encycl. Suppl.

4: 274. 1816.

"J'ignore le lieu natal de cette plante. (V.s. in
herb. Desf.)."

= *Pennisetum*

Panicum Trochainei (A. Camus) A. Camus ex Stapf &

Hubbard in Prain, Fl. Trop. Afr. 9: 1098. 1934.

Based on *Isachne Trochainei* A. Camus

Sénégal. Casamance.... (Trochain no. 1.438)
Fogny (Trochain no. 1.472)

Panicum trogloditarum Heer, Fl. Tert. Helv. 1: 66.

pl. 25. f. 2. 1854.

fossil - Switzerland

Panicum tropidoblephare Tutin, Journ. Bot. Brit. & For.

72: 339. f. 9. 1934.

"Hab. Kaletuk savanna, Potaro River. Damp stony
ground.... No. 685; Aug. 31, 1933. Typus in Herb.
Mus. Brit. [Tutin, Coll.]

British Guiana - Cambridge Univ. Exped. 1933.

Panicum truncatum Trin. Gram. Fan. 130. 1826.

"V. spp. ex Ind. or., Egypt (Lindley. Steber in hb.
Maur. II no. 28) e Brasil. -- s. nom. *Panic. affine*
Schult. -- N. ab Esenb.)
Trin. Icon. Gram. 2: pl. 168. 1829. Spec. figured
from Egypt.
Plate is *P. brizaeforme*

= *P. geminatum* Forsk.
H. & C. Pan.

Panicum truncatum Nees, Agrost. Bras. 215. 1829.

Not Trin. 1826.

"Habitat in ripa fluminis Jequetin honha. adamantes
volventis, provinciae Minarum."

= *P. versicolor* Doell

Brasil

Panicum trypheron Schult. Mant. 2: 244. 1824.

[valid name]

Based on "*Panicum tenellum* Roxb." [1820, not Lam.
1791.]

also basis of *P. roxburghii* Spreng. 1825.

India

Panicum trypheron var. *giganteum* Benth. Cat. Afr. Fl.

Welw. 2: 181. 1899.

"Golungo Alto -- In rather damp low-lying thickets near
Camilungo. No. 7213. Fungo Andongo..... No. 7434,
7254." [Welwitsch, Coll.]

= *P. phragmitoides* Stapf p. 677

Africa

Panicum tsaratananense A. Camus, Bull. Soc. Bot.

France 77(1930): 638. 1931.

"Madagascar: Mont Tsaratanana.... (Perrier de la
Bâthie, no. 16369)."

Panicum tsaratananense A. Camus, var. *diffusum* A. Camus,
Bull. Soc. Bot. France 105: 246. 1958.

Domaine central de Madagascar: Tsaratanana, alt.
2000 m., Perrier 16372.

Madagascar

Panicum taugetorum Nash, Bull. Torrey Club 25: 86. 1898.

"Type material collected by the writer in the
Hemlock Grave, New York Botanical Garden, on dry soil
June 22, 1896, no. 287." Nash.

Man. U. S.

Panicum tuberculatum Presl, Rel. Haenk. 1: 307. 1830.

"Hab. in Luzonia" error!

P. megiston Schult. Pan. H. & C.

= *P. mertensii* Roth

Panicum tuberculiflorum Steud. Syn. Fl. Glum. 1: 59.

1854.

"Ex Hrbo. Musei Lugd. Batav. Japonia."

T

Panicum tuberosum Llanos, Fragm. 40. 1851.

[Philippines]

= "*Panicum repens* L." Merr.

Panicum Tuckermanni Fernald, Rhodora 21: 112. 1919.

"Vermont: head of Lake Memphremagog, September, 1859,
Edw. Tuckerman (type in Gray Herb.)."

Man. U. S.

Panicum tumescens Trin. Mém. Acad. St. Pétersb. VI.

Sci. Nat. 1: 316. 1834.

Brazil

Deser. reads, "*folia amplectentia*." Is this
distinct from *aturense*?

= *Homolepis aturense* (H.B.K.) Chase

Panicum tumidum Koen. Naturforscher 23: 205. 1788;

Gmel. Syst. Nat. 1: 157. 1796.

Gmelin cites the Koenig reference. A photograph copy
of this in Grass Mss. III, but could not locate the
name *tumidum* though Koenig is discussing *Panicum*
on this page.

Panicum tunicatum Hack. Bull. Herb. Boiss. II. 6: 705.

1906.

"Natal: in montibus prope Estcourt (?) leg. Schlecht-
er no. 3346 ann. 1893."

T

= *Digitaria tricholasnoides* Stapf. Henr. 752.

Africa

Panicum türkheimii Hack. Allg. Bot. Zeitschr. 12: 60.

1906.

"Guatemala, Cubilguitz im Hochwald, 350 m.s.m. leg.
H. v. Türkheim (1903 sub nr. II. 820)."

T

H. & C. Pan. p. 530.

Panicum turfosum Mez, Bot. Jahrb. Engler 56 (Beibl. 125)

: 1. 1921.

Paraguay (Fiebrig n. 6471).

T

Laxa group

Panicum turgidum Forsk. Fl. Aegypt. Arab. 18. 1775.

Hab. "In desertis Kahirinis. Arab Bochar."

Egypt - Arabia

[Delile Fl. Aegypt pl 9. f. 2]

Panicum turgidum Hochst. ex Steud. Syn. Fl. Glum.

1: 88. 1854, (Not Forsk., 1775.); as syn. of *P. nubium*.

North Africa

Panicum Turnerianum Domin, Bibl. Bot. 85: 307. 1915.

"*Echinochloa Turneriana* Don. in sched."

"West-Queensland: Grasflächen der Rolling Downs zwischen Hughenden und Clonourry auf sumpfigen Stellen (Domin, II, 1910) (Original der Art). Nord-Australien: Upper Victoria River, F. V. Mueller."

Panicum turritum Thunb. Mus. Nat. Acad. Upsal. 10: 148,

nom. nud. 1787-97.

Japan ?

Panicum Tuyamae Ohwi, Acta Phytotax. & Geobot. 11: 34.

1942, as syn. of *Paspalidium Tuyamae* Ohwi

Japan

Panicum tylandthum Hack. ex Engl. Abh. Preuss. Akad.

Wiss. (Berlin) 2: 118. 1891.

"Abyssinien, auf Felsen am Hedscha (Sohl. 1862 n. 1095)."

[type not found in Hack. Hb.]

= *P. pusillum* Hook. in Stapf

Panicum typhurum Stapf in Thiseit-Dyer, Fl. Cap. 7: 414.

1899.

"Kalahari Region: Transvaal; Naboon Fontein, on the Nylstroom River. Nelson 74*!"

Africa

= *Sacciolepis* ex desor.

Panicum uliginosum Roxb. Hort. Beng. 8. 1814, nom. nud.;

Fl. Ind. ed. Carey. 1: 310. 1820.

Published Roxb. in Roem. & Schult. 1817 q.v.

"A native of the moist borders of rice fields, in wet ground." India

Panicum uliginosum Roth ex Roem. & Schult. Syst. Veg.

2: 442. 1817; Roth, Plant. Sp. Ind. Orient 50. 1821.

[described in R. & S. 1817]

"Roth nov. pl. Spec. Ms. ... In India orientali. Benj. Heyne." [published 1820]

Ind. Or.

Panicum umbellatum Trin. Gram. Pan. 238. 1826.

"V. spp. Ins. Maurit. (Sieber. hb. Maur. II. n. 34)"

Indian Ocean

Panicum umbellatum ssp. *nossibense* A. Camus, Not. Syst.

15: 414. 1959.

Based on *P. nossibense* Steud. Sym. Fl. Glum. 419. 1855

"---a été trouvée dans les Coniores, le Sambirano (Nossi-bé) dans l'Ouest et le Nord-Est." Sambirano: Nossi-bé, Boivin 1962 (type); Maromandia, Ankarany, Decary 1330. Nord-Est:---Humbert et Capuron 24452. Centre: vallée de la Lokoho (N.E.), Mt. Beandroka au N. de Maromandry,---Humbert 23453. Ouest:---Perrier 206,1144.

Cette sous-espèce est bien répandue à Madagascar que le type.

Panicum umbellatum ssp. *umbellatum* Trin. Gram. Panic.

238. 1826.

Madagascar.

"Cette forme typique est très répandue dans les Dom. de l'Est et le S d-Ouest. Elle couvre les dunes de l'Est, après déboisement et forme souvent des prairies ombragées qui disparaissent à la longue.

Est: Ambila, Perrier 18134;---10780;---12185;---Boivin 1619;---Viguiet et Humbert 182, 285;---Geay 7112.

✓ "A. Morambo il forme des prairies entières de gazon ne dépassant pas 30cm. de haut---"

Panicum umbellatum ssp. *umbellatum* (Trin.) A. Camus,

Not. Syst. 15: 414. 1959.

"*P. umbellatum* Trin. Gram. Pan. (1826) 238."

"---à feuilles presque toutes situées à la base de la plante, à poils épars, souvent localisés sur les bords, à gaines glabres ou à poils rares, à panicule haute de 2,5m. large de 2-3cm. à rameaux inférieurs étalés, les moyens étalés-dressés, presque glabres, les épillets longs de 1,5-1,7mm. assez distants. Cette forme typique est très répandue dans les Dom. de l'Est et le Sud-Ouest. Elle couvre les dunes de l'Est, après le déboisement et forme souvent des prairies ombragées qui disparaissent à la longue.---Est. Ambila, Perrier 18134--- Perrier 12185; Sainte Marie, Boivin 1619;---Perrier 12185;---Boivin 1619---Viguiet & Humbert 182, 285; env. Tamatave, Gondolo---over

Panicum umbonulatum Swallen, Contr. U. S. Nat. Herb.

29: 420. 1950.

Type in the U. S. National Herbarium, No. 1935002, collected on upper slopes of Sierra de Las Minas, along Rio Repollal, altitude 2,100-2,400 meters, Department of Zacapa, Guatemala, January 12-13, 1942, by Julian A. Steyermark (No. 42469).

Panicum umbraculum Bosc ex Spreng. Syst. Veg. 1: 314. "

1825, as syn. of *P. verrucosum* Muhl. "W. herb."

= *P. verrucosum* Muhl. Man. U. S.

Panicum umbraticola Kunth, Rev. Gram. 1: 33. 1829.

Based on *Digitaria umbrosa* Link

Brazil. South Amer.

= *Digitaria horizontalis* Willd. Henr. p. 764.

Panicum umbratile Mez, Bot. Jahrb. Engler 34: 142. 1904.

"Abyssinien (Schimper n. 1554). T U.S.

= *Panicum*

"*P. meyerianum* Nees" in Stapf p. 650 is misapplied.

Nees specimen is *Eriochloa*

Africa

Panicum umbrosum Retz. Obs. Bot. 4: 16. 1786.

"Habitat in graminosis umbrosis Indiae Orientalis. Misit Cel. König."

Panicum umbrosum LeConte ex Torr. in Eaton, Man. Bot.

Ed. 2. 342. 1818. Not Retz. 1786.

"C" = Columbia college. Plants which grow about New York.

= *P. ashei* Pearson Man. U. S.

Panicum umbrosum Salzm. ex Steud. Syn. Fl. Glum. 1: 65.

1854, as syn. of *P. stoloniferum* Poir.; ex Doell in Mart. Fl. Bras. 2(2): 210. 1877. Not Retz. 1786,

[Brazil. South Amer.]

= *P. frondescens* Meyer

H. & C. *Panicum*

Panicum uncinatum Raddi, Agrost. Bras. 41. 1823.

"om praecedenti"---"In sylvaticis prope Catumby, non procul ab Urbe Rio de Janeiro." Brazil

= *Pseudechinolaena polystachya* (H.B.K.) Stapf

Panicum uncinatum R. Br. Prodr. Fl. Nov. Holl. 191.

1810.

"(T)" = *Littora Novae Hollandiae intra tropicum*."

Australia

Panicum unciphyllum Trin. Gram. Pan. 242. 1826.

"Am. bor. (Trattinick)." U.S.

= *P. tenue* Muhl. Man. U. S.

Panicum unciphyllum var. *implicatum* (Scribn.) Scribn.

& Merr. Rhodora 3: 123. 1901.

trinomial

Based on *P. implicatum* Scribn.

= *P. implicatum* Scribn. Man. U. S.

Cape Elizabeth Maine Scribn. July 26, 1895.

Panicum unciphyllum meridionale (Ashe) Scribn. & Merr.

Rhodora 3: 123. 1901.

trinomial

Based on *P. meridionale* Ashe

North Carolina

= *P. meridionale* Ashe Man. U. S.

Panicum unciphyllum f. *pilosum* Scribn. & Merr. Rhodora

3: 124. 1901. Not *P. pilosum* Swartz, 1788.

"Dry woods, Orono, Maine, 501 M. L. Fernald [501] July 7, 1891."

= *P. subvillosum* Ashe Man. U. S.

Panicum unciphyllum f. *prostratum* Scribn. & Merr.

Rhodora 3: 124. 1901.

"M. L. Fernald September 26, 1897."

"South Berwick, Maine" T

= *P. languidum* H. & C.

Man. U. S.

Panicum unciphyllum var. *thinium* Hitchc. & Chase,

Rhodora 8: 209. Nov. 1906.

"Type Chase 3577 in National Herbarium---"

"Tom's River, N. J. July 28, 1906."

= *P. columbianum* var. *thinium* H. & C.

Man. U. S.

Panicum undatum Steud. Nom. Bot. ed. 2. 2: 264. 1841.

Based on "*Pollinia undata*. Spr." [Andropogon undatus Jacq.]

Basis of *Oplismenus jacquini* Kunth

Mauritius

Panicum undulatifolium Ard. Animad. Spec. Alt.

14. pl. 4. 1764.

garden name

= *Oplismenus undulatifolius* (Ard.) Roem. & Schult. 1817.

Panicum undulatifolium var. *imbecillis* (R. Br.)

Kneuck. Allg. Bot. Zeitschr. 15: 140. 1909.

Based on "*Orthopogon imbecillis* R. Br."

= *Oplismenus imbecillus* (R. Br.) Roem. & Schult.

Australia

Panicum unguiculatum Trin. Mém. Acad. St. Pétersb. VI.

Sci. Nat. 1: 275. 1834.

"V. sp. Cap. b. sp." [Cape Good Hope]

Africa

= *Panicum deustum* Thunb. in Stapf

Panicum unguinosum Herb. Banks. ex Roxb. Fl. Ind.
1: 297. 1820; as syn. of *Oplismenus compositus* L.

P. unguinosum Soland. Prim. Fl. Ins. Pacif. 214 (ined.
of. Seem.). Drake del Castillo, Fl. Polynésie Franç.
251. 1893.

Panicum uniflorum Raf. Amer. Month. Mag. 2:120. 1817.

The following description:

"Chaff smooth, leaves ovate lanceolate pubescent,
striated above, pale underneath, neck bearded, sheaths
striated pilose; a single terminal flower pedunculated
upright, valves smooth, obtuse.--Obs. Found in woods
near Flatbush, Long-Island. Annual. Size half a
foot."

"Found in woods near Flatbush, Long-Island."

subgen. *Dichanthelium* in Unidentified names
Man. U. S.

Panicum umiglume Hochst. Flora 24(Intell. 1): 19. 1841.

nom. nud.; ex A. Rich. Tent. Fl. Abyss. 2: 370. 1851.

"Hochst., in pl. Schimp. Abyss., sect. 1, no. 92."

...."et inter saxa partis superioris montis
Selleuda, prope Adoua....(Schimper)"

Basis of *Digitaria umigluma* (A. Rich.) Stapf

Abyssinia

Panicum unilaterale (Beauv.) Raspail in Saigey & Raspail

Ann. Sci. Obs. 1: 448. 1829.

(same, Desv. Opusc. 86. 1831. same basis)

"Monachme unilaterale Beauv. pl. 10. f. 9." cited.

plate--not identifiable. see Miles, Contr. U. S.
Nat. Herb. 24: 170-171. 1925.

Panicum unilineatum Mez, Bot. Jahrb. Engler 56(Beibl.

125): 1. 1921.

"Argentina (Niederlein n. 2061)." T

5 *Dichanthelium*

Panicum unisetum (Presl) Trin. Mém. Acad. St. Pétersb.

VI. Sci. Nat. 1: 217. 1834.

Based on *Urochloa uniseta* Presl

Mexico

= *Ixophorus unisetus* (Presl) Schlecht.

Mex. grasses

Panicum unispicatum Scribn. & Merr. U. S. Dept. Agr.

Div. Agrost. Bull. 24: 14. 1901.

"Type specimen 6717 C. G. Fringle, Valley of Oaxaca,

State of Oaxaca, July 13, 1897."

Mexico

= *Paspalum unispicatum* (Scribn. & Merr.) Nash

Man. U. S.

Panicum Urochloa Desv. Opusc. 82. 1831.

Based on "*Urochloa panicoides* P. Beauv."

Mauritius, Jussieu.

= *Panicum panicoides* (Beauv.) Hitchc.

Panicum Urochloa Steud. Nom. Bot. ed. 2. 2: 264. 1841.

Based on "*Urochloa paspaloides* Presl."

Philippines

Referred to *Panicum ambiguum* Trin. by Scribn.

Panicum urochloides (Buse) Boerl. Ann. Jard. Bot.

Buitenzorg 8: 62. 1890.

Based on *Digitaria urochloides* Buse.)

= *Panicum arnottianum* Nees ex Steud. Syn. 59.

no. 314/basis of *Ottochloa arnottiana* (Nees) Dandy

Java (Jungb)

Panicum urvilleanum Kunth, Rév. Gram. 2: 403. pl. 115.
1831.

"Crescit in regno Chilensi" In op. cit. 1: 35. 1829,
the name is listed without description but collector
is given as "Dumont D'Urville."

Note by A.S.H. "This is also given in Duperrey: *P.*
urvilleanum Brongn. in Duperr. Voy. Monde Coq. Bot.
2: 117. 1829. The date must be later, for Brong-
niart cites Kunth, Rév. Gram. e.g. p. 147 [1829] under
"*Ehrharta urvilleana* Kunth, Rév. Gram. p. 189, tab. 6"
[1830] but this part of Kunth was published in 1830."

Panicum urvilleanum var. *chloroleucum* (Griseb.) Kuntze,

Rev. Gen. Fl. 3: 364. 1898.

Based on *Panicum chloroleucum* Griseb.

Catamarca....Laguna blanca, Lorentz 444

Argentina

Panicum urvilleanum var. *longiglume* Scribn. U. S. Dept.

Agr. Div. Agrost. Bull. 17 (ed. 2): 49. 1901.

"San Jacinto, Southern Calif. No. 887 S. B. & W. F.
Parish, June 1882."

= *P. urvilleanum* Kunth Man. U. S.

Panicum urvilleanum f. *subpilosum* Kuntze, Rev. Gen. Fl.

3: 364. 1898.

"Argentina: westl. Pampas 34°."

"vaginae foliaque submitida minus pilosa." entire
description. South Amer.

Panicum urvilleanum var. *versicolor* Kuntze, Rev. Gen.

Fl. 3: 364. 1898.

"Argentina: Paso Cruz 1500 m."

"Spiculæ versicolores pro parte violascentes." entire
description. South Amer.

Panicum urvillianum Brongn. in Duperrey, Bot. Voy.

Coquille 2: 117. pl. 9. 1832.

= Kunth 1831.

"Loc.: La Concepcion, au Chili"

= *P. urvilleanum* Kunth

Panicum Utowanum Scribn. Field Mus. Bot. 2: 25.

(pl. 57) 1900. Plate never published.

"No. 702 [Millsbaugh Fl. Uto.]---Guanica, Porto Rico.
Jan. 22, 1899."

type in herb. Field Col. Mus. No. 60702.

part of type in Nat. Herb.

H. & C. *Panicum*

Panicum utriculatum Steud. Nom. Bot. ed. 2. 2: 264.

1841.

Based on *Setaria vaginata* Spr.

Rio Grande (Sello) Brazil

Panicum uvulatum Stapf, Kew Bull. Misc. Inf. 1919: 265.

1919.

"Madagascar. Between Tamatave and Antananarivo, Mel-
ler. Central Madagascar, without precise locality,
Baron 660, 4099. Twohmanitra forest, Forsyth Major
91; basin of the Makitana river, Perrier de la
Bathie 68 bis."

Panicum vacillans Steud. Syn. Fl. Glum. 1: 75. 1854.

"Hrbr. Cuming. nr. 679. Ins. Philip."

T

Panicum vagiflorum Stapf in Frain, Fl. Trop. Afr.

9: 683. 1920.

"Mozambique Distr. Portuguese East Africa: Msalu
river, Allen, 1151"

Africa

Panicum vaginaeflorum Steud. Syn. Fl. Glum. 1: 80. 1854.

"Guiana"

= *Panicum asperifolium* (Desv.) Hitchc.

Panicum vaginatum Nees, Agrost. Bras. 156. 1829.

"Habitat in Brasilia meridionali, (Sellow.) (Vidi in
Herb. Reg. Berol." [1245]

ungrouped = *P. macroanthum* Trin.

Panicum vaginatum (Swartz) Gren. & Godr. Fl. France

3: 462. 1855. Not Nees, 1829.

Also published by Billot in Schultz, Arch. Fl. France
et Allem. 1: 339. 1855 (Feb.)

Based on *Paspalum vaginatum* Swartz

=

Jamaica, W. I.

Man. W. I.

Panicum vagum Scop. Fl. Carn. ed. 2. 1: 51. 1772.

Cites: "*Cynosurus panicula subspicata*...L. Syst.
Nat. p. 876."

Europe

Panicum Valenzuelanum A. Rich. in Sagra Hist. Cuba

11: 304. 1850.

"Crescit in locis montosis partis occidentalis
insulae Cubae Vuelta de abajo diotae. (Don José
Maria Valenzuela)"

[= *P. sellowii* Nees]

Man. W. I.

Panicum validum Mez, Bot. Jahrb. Engler 56(Beibl. 125):

4. 1921.

"Argentina (Lorentz Entrer. n. 1745, Lorentz n. 840.
Niederlein n. 200)."

in Types

Panicum vavum Swallen, Mem. N.Y. Bot. Gard. 9: 261.

1957.

Type: in old fruit; locally frequent in colonies on
south slope of Cumbre Camp Caño toward Caño Grande,
alt. 1500-1700m, Cerro de la Neblina, Río Yatusa,
Amazonas, Venezuela, Jan. 16, 1954. Bassett Maguire,
John J. Wurdack & George S. Bunting 37327; U.S.
National Herbarium no. 2,182,161.

related to *Panicum loreum* Trin.

Panicum variegatum Veitch, in advertisement, Gard.

Chron. 458. 1867.

"---beautifully variegated Grass---ground color of
leaf bright green, fully one-half occupied by pure
white stripes, tinged with pink, forming striking
contrast---rooting freely at the nodes. Introduced
[by Veitch & Sons] from New Caledonia

Coll. John G. Veitch

= *Oplismenus* probably

Panicum variifolium Swallen, Carnegie Inst. Washington

Publ. 436: 345. f. 7. 1934.

"Type in the U. S. National Herbarium, No. 1,538,643,
collected by roadside in brush at Chichan Itza, Quoe-
tan, Mexico, July 7-13, 1932, by Jason E. Swallen
(no. 2435)."

Panicum Vaseyanum Scribn. in Beal, Grasses N. Amer.

2: 140. 1896.

"Mexico, Fringle 1415."

H. & C. *Panicum*

Panicum Vatovae Chiov. Webbia 8: 74. 1951.

Typus: Gella Sidama, foresta di Neghelli, 23 ottobre, 1937 (A. Vatova n. 201).

Southern Abyssinia

Panicum velutinum Nees ex Trin. Gram. Fan. 144. 1826, as syn.

sub var. β of *Panicum Petiverii* Trin.

see card for Nees, Agrost. Bras. 1829.

= *P. molle* Sw. H. & C. Fan.

Panicum velutinum Nees, Agrost. Bras. 121. 1829.

"Habitat in sylvaticis prope Villa da Cachoeira, provinciae Bahiensis."

[Mentioned by Trin. Gram. Fan. 144. 1826, as syn. of *Panicum petiverii* Trin. var. β

T = *P. molle* Sw.

Panicum velutinum f. *violascens* Stuck. Anal. Mus. Nac. Buenos Aires 11: 75. 1904.

"Stuckert: Herb. arg. no. 11,070a (20. II. 1902) junto con no. 11,070. Municipio de Córdoba a 5 kilómetros de la ciudad, al lado de una chacra."

Argentina

Panicum velutinum G. Meyer, Prim. Fl. Esseq. 51. 1818.

"In nemorosis plantationis Sophienburg."

= *Oplismenus setarius* Man. U. S.

British Guiana. Meyer

Panicum velutinum Bosc ex Spreng. Syst. Veg. 1: 315.

1825, as syn. of *P. lanuginosum* Ell. Not P.

velutinum Meyer, 1818.

"Bosc, W. herb."

Note by A.S.H.: "Type in Willd. Herb."

= *P. albemarlense* Ashe Man. U. S.

Panicum velutinum Nees, Kunth, Enum. Fl. 1: 92. 1833.

typ. error for *velutinum*

Panicum Venezuelae Haak. Oesterr. Bot. Zeitschr.

51: 368. Oct. 1901.

"Venezuela; Eggers leg. a nr. 13471 (mihi communicavit cl. Warming)."

[*Panicum ineptum* Hitchc. & Chase = *P. Venezuelae* Haak.] Man. W. I.

Panicum venosum Swallen, Contr. U. S. Nat. Herb.

29: 415. 1950.

Type in the U. S. National Herbarium, No. 1764850, collected near irrigation ditch 1 mile southwest of Apatzingan, Michoacan, Mexico, August 5, 1940, by William C. Leavenworth (No. 481).

Panicum Ventenatii (Kunth) Steud. Nom. Bot. ed. 2.

2: 265. 1841.

Based on *Setaria Ventenatii* Kunth

= *Setaria geniculata* (Lam.) Beauv.

Portorico Man. W. I.

Panicum ventricosum Lam. Tabl. Encycl. 1: 173. 1791;

Encycl. 4: 744. 1791.

"Ex India. Sonnerat. conf. cum *P. curvato* L." [no. 914]

= *Isachne ventricosa* (Lam.) Doell--species of India. name misapplied by Doell to Brazilian species--*Isachne Salzmannii* (Trin.)

see type

Panicum vernale Hitchc. & Chase, Contr. U. S. Nat. Herb. 15: 266. f. 293. 1910.

"U.S. National Herbarium no. 558416---'sphagnum bog, Lake City, Florida, April 16, 1906,' collected by A. S. Hitchcock (no. 1020)." Man. U.S.

Panicum verruciferum Mez, Bot. Jahrb. Engler 57: 188. 1921.

"Nyassaland (Buchanan n. 247)"

Africa not in Stapf

Panicum verrucosum Muhl. Descr. Gram. 113. 1817.

"Habitat in N. Caesarea [New Jersey], Delaware, et Georgia."

Man. U. S.

Panicum versicolor Doell in Mart. Fl. Bras. 2²: 254. 1877.

Based on "*Panicum truncatum* Nees....non Trin."

[Martius]

Jequetinhonha...Minarum.

Brazil

Panicum versicolor (Bicknell) Nieuwl. Amer. Midl. Nat. 2: 64. 1911. Not Doell, 1877.

Based on "*Chaetochloa versicolor* Bicknell."

= *Setaria geniculata* (Lam.) Beauv.

New York City, Bicknell

Panicum versicolor Hochst. ex Peter, Repert. Sp. Nov.

Pedde Beih. 40: 201. 1930, without descr. says

"Ort der Publikation konnte nicht festgestellt werden."

not Doell 1877.

Deutsch-Ost Afr., Kilimandscharo: Kibohöhe... Endlich 490!)

Panicum verticillatum L. Sp. Fl. ed. 2. 1: 82. 1762.

"Habitat in Europa australi & Oriente

Basis of *Setaria verticillata* (L.) Beauv.

Man. U.S.

Panicum verticillatum Uoria, Hort. Reg. - Panorm.

54. 1789. Not L. 1753.

Panicum verticillatum Rottl. ex Spreng. Syst. Veg.

1: 304. 1825, as syn. of *Setaria Rottleri* Spreng.

Not L. 1753.

Ind. or.

= *Setaria*

Panicum verticillatum var. *ambiguum* Guss. Fl. Sic.

Prodr. 1: 80. 1827.

"an *P. viride*, Bertol. am. it. p. 109, et Smith, fl. brit. 1. p. 65, exolus. syn. Lin. et Desf., huc speciat?"

"In cultis et hortis ambae varietates ubique occurrunt."

= *Setaria verticillata* var. *ambigua* (Guss.) Parl.

[Sicily] Man. U.S.

Panicum verticillatum ssp. *aparine* (Steud.) Aschers. & Schweinf. Mem. Inst. Egypt. 2: 161. 1887.

Presumably based on *Panicum aparine* Steud.

Dur. & Schinz, Comp. Fl. Afr. 5: 775. 1894 oite *Panicum verticillatum* ssp. *aparine* Al. Braun, Ind. Sem. hort. Berol. 1855, page 6. [probably nom. nud.]

Senegambia (Jardin) Ins. Canar. (Despreaux)

Africa

Panicum verticillatum var. *arenosum* (Schur) Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 75. 1899.

Based on *Setaria* var. *verticillatum* var. *arenosa* Schur.

Rumania

= *Setaria*

Panicum verticillatum var. *brevisetum* Mutel, Fl. Franç. 4: 19. 1837.

[France]

= *Setaria*

Panicum verticillatum var. *coloratum* A. Br. ex Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 75. 1899.

"A. Braun, Ind. Sem. Hort. Berol. 6. 1871" cited; this not in Washington

"Selten" hort.

Panicum verticillatum var. *latifolium* (Freyn) Podpera, Kvetna Moravy 2: 750. 1926.

Based on *Setaria verticillata* var. *latifolia* Freyn

= *Setaria* Sud Istria. Italy

Panicum verticillatum var. *longisetum* Aschers. & Graebn. Syn. Mitteleur. Fl. 2: 75. 1899.

Europe

= *Setaria verticillata*

Panicum verticillatum var. *maior* Thunb. Fl. Jap. 46. 1784.

"Crescit prope Nagasaki, in Kosido, alibi."

[Nagasaki]

= *Setaria* Japan

Panicum verticillatum var. *minor* Thunb. Fl. Jap. 46. 1784.

"Crescit iuxta Nagasaki et in Kosido."

= *Setaria* Japan

Panicum verticillatum var. *parviflorum* Doell in Mart. Fl. Bras. 2²: 172. 1877.

"---a cl. Meyer et a cl. Dr. Rudol anno 1859, postea a cl. Glaziou (n. 6938) prope Rio de Janeiro lecta."

= *Setaria* Brazil

Panicum verticillatum var. *ramosum* Mutel, Fl. Franç. 4: 19. 1837.

[France]

= *Setaria*

Panicum verticillatum var. *vulgare* Doell. in Mart. Fl. Bras. 2²: 172. 1877.

"---in Europa media et meridionali satis frequens, in Brasilia nondum lecta."

Panicum vescum R. R. Stewart, Brittonia 5: 452. 1945.

Based on *P. humile* Nees....non Thunb.

Ceylon

Panicum vestitum Kunth, Rév. Gram. 1: 39. 1829.

Based on *Trichachne velutina* Nees

= *Trichachne*

Brazil (Sellow)

Panicum vestitum Nees ex Steud. Syn. Fl. Glum. 1: 62.
1854, as syn. of *P. ocoospermum* Steud.
Not Kunth 1829.

= *Brachiaria ocoosperma* (Steud.) Stapf
India orientale

Panicum vestitum Balf. f. ex Stapf, Hook. Icon. Fl.
31: sub. pl. 3098. 1922.

error for *Eriochloa vestita* Balf. f. cited as basis
of *Xyochlaena vestita* (Balf. f.) Stapf

Socotra, (east of Africa)

= *Tricholaena vestita* (Balf.) Stapf & Hubb. 1930.

Panicum vexillare Peter, Repert. Sp. Nov. Fedde Beih.
40: 167, 173 & Anhang, 22. pl. 10. f. 2. 1930.

Deutsch Ost-Afr. Usaramo: bei Soga (Peter 14880)
Africa

Panicum viaticum Griffith, Icon. Fl. Asiat. pl. 145.
f. 2. 1851, without descr.; Not. Fl. Asiat. 3: 55.
1851, as syn. of *Aira viatica*

Asia

= *Alloteropsis semialata* fide A.C.

Panicum viaticum Salzm. ex Doell in Mart. Fl. Bras.
2: 155. 1877; not *P. viaticum* Griff. 1851.

"*Panicum viaticum* Salzmann in Herb. Bahiensi n. 706."
---- "Salzmann n. 706."

= *Ptychophyllum* Asia

Panicum vicarium Fourn. in Hemsl. Biol. Centr. Amer.
Bot. 3: 498. 1885, nom. nud.; Fourn. Mex. Fl.
2: 20. 1886.

"Cordova (Schaffn. n. 285)."

Mexico

= *P. sphaerocarpon* Ell. Man. U. S.

Panicum viciniiflorum Stapf in Frain, Fl. Trop. Afr.
9: 674. 1920.

"Upper Guinea. French Sudan: dry ground near Segu,
Legard. 250!"

T in U.S. Hb. Africa

Panicum vicinum F. M. Bailey, Syn. Queensl. Fl. Suppl.
3: 82. 1890.

"Hab.: Harvey's Creek, Russell River, on rich scrub
land."

Basis of *Ichnanthus vicinus* (F. M. Bailey) Merr.

Australia

Panicum vigoratum Swallen, Mem. N.Y. Bot. Gard.
9: 257. 1957.

Type: abundant and dominant around savanna margins,
Sabana de Santo, Río Guaviarito, Cerro Guanay,
Amazonas, Venezuela, January 23, 1951, Bassett
Maguire, Kathleen D. Phelps, Charles B. Hitchcock &
Gerald Budowski 31601; New York Botanical Garden.

Panicum viliforme Wood, Class-book ed. 3. 785. 1861.

"Wet meadows, E. Tenn.!"

Unidentified Names in Man. U. S.

Panicum vilfoides Trin. ex Jacks. Ind. Kew. 2: 420.
1894.

Change of spelling for *P. vilfoides* Trin.
Gram. Fan. 171. 1823, q.v.

= *Sacciolepis vilfoides* (Trin.) Chase

Brazil

Panicum vilfoides var. *campestre* (Nees) Doell, in Mart.
Fl. Bras. 2: 233. pl. 32. 1877.

Based on *Hymenachne campestris* Nees.

T

[Martius. Braz.]

S. Pauli et Cutia prov. Brazil

Panicum vilfoides var. *fluviatile* (Nees) Doell in Mart.
Fl. Bras. 2: 232. 1877.

Based on "*Hymenachne fluviatilis* Nees."

[Sellow, Biedel, Brazil in Herb. ad int.]

= *Sacciolepis*

in Guyana

Panicum Villariocense Mez, Bot. Jahrb. Engler 56 (Beibl.
125): 1. 1921.

"Paraguay (Balansa n. 2)."

T = *P. glutinosum* Sw.

Panicum villiferum Nees, Linnaea 19: 687. 1847.

"Mexico: Aschenb. exs. n. 597."

Panicum villosissimum Nash, Bull. Torrey Club
23: 149. 1896.

"Collected by Dr. John K. Small in the Ocmulgee River
swamp, below Macon [Georgia], May 18-24, 1895."

T

Man. U. S.

Panicum villosissimum var. *pseudopubescens* (Nash)
Fernald, Rhodora 36: 79. 1934.

Based on *P. pseudopubescens* Nash

= " " "

Auburn, Lee Co., Ala. (Earle & Baker no. 1537)

Man. U. S.

Panicum villosissimum var. *scoparioides* (Ashe) Fernald,
Rhodora 36: 79. 1934.

Based on *P. scoparioides* Ashe

= *P. scoparioides* Ashe

Centreville, Del. (A. Commons 283) Man. U.S.

Panicum villosum Lam. Tabl. Encycl. 1: 173. 1791.

"Ex India. Sonnerat."

T = *Brachiaria villosa* Lam.

Panicum villosum R. Br. Prodr. Fl. Nov. Holl. 192. 1810.
Not Lam. 1791.

"(T.) Littora Novae Hollandiae intra tropicum."

Basis of *Panicum brownii* Roem. & Schult.
this basis of *Digitaria brownii* (Roem. & Schult.)
Hughes.

Australia

Panicum villosum Ell. Bot. S. C. & Ga. 1: 124. 1816.
Not Lam. 1791.

No locality cited. Presumably South Carolina

T = *P. consanguineum* Kunth Man. U. S.

Panicum villosum Presl, Cyp. Gram. Sicul. 18. 1820.
Not Lam. 1791.

"Hab. in arenosis maritimis Messinae versus il Faro,
ubi primus legit clariss. Arrosti."

= *Tricholaena teneriffae* (L.f.) Link.

Sicily

Panicum villosum var. *erythraeum* Chiov. Ann. Ist. Bot.
Roma 8: 302. 1908.

"Amasen: Matoallat... (P. n. 4780). Sarab: Lungo il
fiume Mareb presso Debarroa... (P. n. 496); Adi Ugr
... (P. n. 22). Oculé Qusai: Tagaren... (P. n. 2014);
Loggo Sarda, Adi Tagare... (P. n. 1447); Soimezana:
Monte Matará... (P. n. 928)." [P. = Pappi]

Brachiaria semiundulata (Hooket.) Stapf fide
Stapf
Africa

Panicum villosum Hoffmannsegg ex Roem. & Schult. Syst.
Veg. 2: 450. 1817, as syn. of *P. Hoffmannseggii* Roem.
& Schult.

(Same given in Steud. Nom. Bot. ed. 2. 2: 265. 1841,
as syn.)

= *Ichnanthus hoffmannseggii* (Roem. & Schult.) Doell.
Trin. Sp. Gram. 2: pl. 219.

Brazil, fide Trin.

Panicum villosum var. *major* A. Camus, Not. Syst.
Lecomte 2: 248. 1912.

"Chine: Yunnan-sen, Tohong-chen, no. 4200 [DuRoiux]."

Panicum villosum var. *strictum* A. Camus, Not. Syst.
Lecomte 2: 248. 1912.

"Chine: prairies du Long-téou-chen, au-dessus de Hse-
gni-tang, no. 4700 [DuRoiux]."

Panicum vilfoides Trin. Gram. Fan. 171. 1826.
[spelled vilfoides in Ind. Kew.]

"Gujan. Brasil. (Fischer M. ab Esenb)"

"*Hymenachne fluviatilis* N. ab Es! in Mart. Fl. Bras.
ined."

type in Trin. herb.; spikelets in Nat. Herb.
A.S.H. Eur. Notes with his fieldbooks 2: 109.

= *Sacciolepis vilfoides* (Trin.) Chase

Panicum vimineum Schrad. in Schult. Mant. 2: 255. 1824.

Habitat: In Brasilia. Princeps Serenias. Maximil.
Neowidensis."

Panicum vinsceum Swallen, Fieldiana 28: 27. 1951.

Type in U. S. Nat. Herb., no. 1911661, collected on
Gran Sabana, between kun and waterfall at Rue-meri
(tributary of Río Lukensán), south of Mount Roraima,
state of Bolívar, alt. 1065 m., Oct. 2, 1944, Julian
A. Steyermark 59173.

Venezuela

Panicum violaceum Lam. Tabl. Encycl. 1: 169. 1791.

"E Senegal. Ex D. Bousillon."

T = *Pennisetum violaceum* (Lam.) L. Rich.

Africa

Panicum violaceum Rottl. ex Swartz, Adnot. Bot. 7. 1829,
as syn. of *Panicum rottleri* Swartz. Not Lam. 1791.

Panicum violaceum Klein ex Thiele, Linnaea 9: 307. 1834.
Not Lam. 1791.

"Habitat in agris oryzaceis Indiae orientalis (Klein)"

Panicum violaceum Llanos, Fragn. 42. 1851. Not Lam.
1791.

Filipinas

Philippine Islands

Panicum violaceum "Linn." ex Nieuwl. Amer. Midl. Nat.
2: 64. 1911, as syn. of *Chasea violacea* Nieuwl.
Not Lam., nor Klein.

Panicum violascens (Link) Kunth, Rev. Gram. 1: 33. 1829.

Based on "*Digitaria violascens* Link."

Brasil

Panicum violascens var. *denudata* (Link.) Doell in Mart.
Fl. Bras. 2^o: 130. 1877.

Based on *Digitaria denudata* Link

Based of *D. stricta* Roth var. *denudata* (Link) Henr.
"if we unite the two species"—Henr.
loc. unknown.

Panicum violascens var. *glabrescens* Doell in Mart. Fl.
Bras. 2^o: 130. 1877.

"a. cl. Pohl in Brasilia centrali nec non in America
meridionali a cl. Haenke lecta, inter eujus specimina
etiam varietatem y offendit."

= *Digitaria* Not in Henr.

Panicum violascens var. *remotiusculum* Doell in Mart. Fl.
Bras. 2^o: 130. 1877.

"a. cl. Pohl in Brasilia centrali, nec non in America
meridionali a cl. Haenke lecta."

T = *Digitaria remotiuscula* (Doell)

[var. *remotiusculum* Doell not in Henrard]

Panicum virescens Weigel, Obs. Bot. 20. pl. 2. f. 2.
1772.

[Pommerania. Germany]

Panicum virescens Poir. Encycl. Suppl. 4: 278. 1816.
Not Weigel, 1772.

Note by A.S.H.: "Seems not to be *P. reptans*
Probably *P. prostratum* of India &c.
See sheet 1: 80 Paris
1: 123. Florence"

"Le lieu natal de cette plante ne m'est pas connu.
(V. s. in herb. Desfont.)."
see Old World types in *P. virescens* ad int.

Panicum virescens Salzm. ex Doell in Mart. Fl. Bras.
2^o: 157. 1877, not Weigel, 1772; as syn. of *Panicum*
imberbe var. *latifolium* Doell.

= *Setaria*

Panicum virgatum L. Sp. Pl. 59. 1753.

"Virginia"

Clayton, Virginia T
Man. U. S.

Panicum virgatum L. (not published in) Muhl. Desor.
Gram. 120. 1817 Ind. Kew.

Panicum virgatum L. [error in Kew.] Willd. ex Spreng.
Syst. Veg. 1: 318. 1825. "W. enum." as syn. of
P. avenaceum.

[Willd. Enum. 2: 1033, does not publish *P. virgatum*
himself but cites Sp. pl.---Habitat in Virginia.]

Panicum virgatum Roxb. ex Steud. Nom. Bot. ed. 2.
2: 262. 1841, as syn. of *Panicum polypodium* Trin.

"Trin. Ind. or. Dr. 169."

Panicum virgatum L. [misappl. by P. Muell.] Fragm.
Phyt. austr. 8: 192. 1873. Not L. 1753.

Panicum virgatum Krause, Beih. Bot. Centralbl.
32: 342. 1914.

Based on *Paspalum virgatum* L. misappl. by Trin.
Gram. Icon. 2: pl. 131. 1829.

= *Paspalum virgatum* var. *stramineum* Griseb.

Jamaica

Panicum virgatum var. *breviramosum* Nash, Bull. Torrey
Club 23: 150. 1896.

"Collected by Dr. Small in clay soil in the pine
lands about Augusta, Georgia---June 27-July 1, 1895!"

= *P. virgatum* var. *cubense* Griseb

Man. U. S.

Panicum virgatum var. *confertum* Vasey, Bull. Torrey
Club 13: 26. 1886.

"particularly on the sea coast"

"Type in Nat. Herb. Vasey in 1884, Atlantic City, N.J."

= *P. virgatum* L. Man. U. S.

Panicum virgatum var. *cubense* Griseb. Cat. Fl. Cub.
233. 1866.

T "Wright 183] a. 1865."

Hanabana, Cuba

Panicum virgatum var. *diffusum* Vasey, Bull. Torrey Club
13: 26. 1886.

"Sandy prairies, Kansas, Colorado, etc."

T Palmer, Indian Terr.

= *P. virgatum* L. Man. U. S.

Panicum virgatum var. *elongatum* Vasey, Bull. Torrey
Club 13: 26. 1886.

no specimen nor loc. cited.

[E. N. Wilcox no. 13]. White River, S. D. Aug. 1892.
in U.S. Nat. Herb.

= *P. virgatum* L. Man. U. S.

Panicum virgatum var. *glabrum* Doell in Mart. Fl. Bras.
2^o: 218. 1877.

"ad Tocantins flumen inter Porto Imperial et Punit
(Burchell n. 8813), nec non extra fines nostros in
America boreali (e. gr. in civitate Caroliniana atque
Texana ubi legit cl. Vinzent sub n. 3) obvium."

. Brazil ?

U.S. Carolina, Texas. *P. virgatum* L.

Panicum virgatum var. *glaucephylla* Cassidy, Colo. Agr.
Exp. Sta. Bull. 12: 29. 1890.

Colorado

= *P. virgatum* L. Man. U. S.

Panicum virgatum var. *longiglume* Thell & Zimm. Mitt.
Bayer Bot. Ges. 3: 127. 1914.

"Adventive....Mannheim - Ludwigshafen und der Pfalz."

[Baden - Germany]

Panicum virgatum var. *macranthum* Vasey, Bull. Torrey
Club 13: 26. 1886.

"Collected by Dr. Havard in the Guadalupe Mountains,
Texas."

type of *P. havardii*

= *P. havardii* Vas. Man. U.S.

Panicum virgatum var. *obtusum* Wood, Amer. Bot. & Flor.
Pt. 2. 392. 1871.

New Jersey

= *P. virgatum* var. *cubense* Griseb. Man. U.S.

Panicum virgatum var. *pilosum* Doell in Mart. Fl. Bras.
2^o: 218. 1877.

"habitat in campis prope Bahia (Blanchet n. 2961) et
ad Almeiria provinciae Paranaensis (Martius)."

Blanchet 2961 is *P. mucronulatum* Mez.

Brazil

Panicum virgatum var. *scortechum* Linder, Rhodora 24: 14.
text fig. 1922.

"Bermuda: rocks, shore of Platt's Inlet, Smith's
Parish, July 8, 1905. A. H. Moore, no. 2850.
(Type in Gray Herb.)"

= *P. virgatum* var. *cubense* Griseb. Man. W. I.

Panicum virgatum var. *spissum* Linder, Rhodora 24: 15.
1922.

Nova Scotia: peaty pockets in cobbly beach, Great
Pubnico Lake, Sept. 6, 1920, Fernald, Long, & Linder
no. 19766 (Type in Gray Herb.) Man. U. S.

Panicum virgatum var. *thyrsiforme* Linder, Rhodora
24: 14. 1922.

Florida: swamp, Indian River region, Brevard County,
Nov. 28, 1902, A. Fredholm no. 5580 (Type in Gray
Herb.)

= *Panicum virgatum* var. *cubense* Griseb.

Man. U.S.

Panicum virgatum var. *haakii* Oesterr. Bot. Zeitschr.
51: 369. Oct. 1901.

"Costarica: in virgultis ad La Verbena prope Alajuela
leg. Tomus (Pittier et Dur. Fl. Costar. exs.
nr. 8829)----"

= *P. arundinariae* Trin. ex Fourn. 1886.

Costa Rica

Panicum viride L. Syst. Nat. ed. 10. 2: 870. 1759.

L. Spec. pl. n. 2. cited.

Europe

= *Setaria viridis* Man. U. S.

Panicum viride L. misappl. by Poll. Hist. Fl. Palest.
1: 55. 1776.

= *Setaria*

Panicum viride Desf. Fl. Atlant. 1: 58. 1800.

"Lin. spec. 83.--Curtis. Lond. Io.--Oed. Dan. t. 852.
Leers. Herb. 13. t. 2. f. 2." cited.

"Habitat inter segetes Algeriae."

= *Setaria* Africa

Panicum viride var. *brevisetum* Doell, Rhein. Fl. 128.
1843.

Rheingebietes [from title]

Germany

= *Setaria viridis* var. *brevisetata* (Doell) Hitchc.
Man. U. S.

Panicum viride var. *decumbens* Schleich, Cat. Fl. Helv.
Ed. 4. 25. 1821, nom. nud.

= *Setaria viridis* var. ?

Panicum viride var. *gigantea* Franch. & Sav. *Enum. Pl.*
Jap. 2: 162. 1879.

"Hab. in locis cultis: Nippon, circa Yokoska frequens
(Savatier n. 1445)."

Setaria viridis var.?

Japan

Panicum viride var. *italicum* (L.) Backer, *Handb. Pl.*
Java Afr. 2: 142. 1928, [in Dutch]

Based on *Panicum italicum* L.

= *Setaria italica* (L.) Beauv.

Java

Panicum viride var. *longisetum* Doell, *Rhein. Fl.* 128.
1843.

Rheingebiet [from title]

Germany

= *Setaria*

var.
Panicum viride majus Gaudin, *Agrost. Helv.* 1: 18. 1811.

Helvetia

Switzerland

= *Setaria*

Panicum viride var. *purpurascens* Schleich, *Cat. Pl.*
Helv. ed. 4. 25. 1821, nom. nud.

Switzerland

= *Setaria*

Panicum viride var. *pygmaeum* Aschers. & Graebn. *Syn.*
Mittleur. Fl. 2: 77. 1899.

[Europe]

Panicum viride var. *reclinatum* (Vill.) Aschers. &
Graebn. *Syn. Mittleur. Fl.* 2: 77. 1899.

Based on *P. reclinatum* Vill.

Dauphiné [France]

Panicum viride var. *viviparum* Doell, *Rhein. Fl.* 128.
1843.

Rheingebiet. [from title]

Germany

= *Setaria*

Panicum viride var. *weimannii* (Roem. & Schult.)

Aschers. & Graebn. *Syn. Mittleur. Fl.* 2: 77. 1899.

Based on *P. weimannii* Roem. & Schult. [error for
Setaria weimannii] Roem. & Schult.

Teneriffa (Broussonet)

Canary Is.

Panicum viride var. *Weimannii* (Roem. & Schult.)

Kneuck, *Allg. Bot. Zeitschr.* 6: 243. 1900.

Presumably based on *Setaria weimannii* Roem. & Schult.

Setaria

Teneriffa, Canary Isls. Broussonet

Panicum viridescens Steud. *Syn. Fl. Glum.* 1: 51. 1854.

"China bor."

= *Setaria*

Panicum viridiflorum Nees, *Agrost. Bras.* 135. 1829.

no locality--Hab. unknown.

Venezuela

= *Homolepis aturensis*

Panicum virileti Fourn. ex Hemsl. *Biol. Centr. Amer.*
Bot. 3: 498. 1885; *Fourn. Mex. Pl.* 2: 29. 1886.

"San Luis de Potosí (Viril. n. 1305, 1371)."

= *P. hallii* Vasey Man. U. S.

Panicum viscidellum Scribn. U. S. Dept. Agr. Div.

Agrost. Circ. 19: 2. Jan. 2. 1900.

"Gravelly banks near Jalapa, State of Vera Cruz, alti-
tude 1,250 m. (4,000 feet). C. G. Fringle, No. 8089.
1899."

in "Mexican Grasses"

Panicum viscidum Ell. *Bot. S. C. & Ga.* 1: 123. pl. 7.
f. 3. 1816.

No locality nor specimen cited.

Presumably South Carolina

= *P. scoparium* Lam. Man. U.S.

Panicum viscidum var. *scabriusculum* Beal, *Grasses*
N. Amer. 2: 143. 1896.

Based on "*P. scabriusculum* Chapm. non Ell." error,
"Chapman uses Elliott's name correctly." A.S.H.

Florida (Chapman 31).

= *P. scabriusculum* Ell. Man. U. S.

Panicum viviparum Schumach. *Beskr. Guin. Pl.* 82. 1827.

Guinea, Africa [Thomning and other Danish botanists
from title]

Panicum viviparum Nees ex Steud. *Syn. Fl. Glum.* 1: 97.
1854. Not Schumach 1827.

(in litt.)

"Nees in Hrbr. Lehmann. Guinea."

"Ad habitum *P. capillari* accedit, sed florescentia
distant."

✓ Africa

Panicum viviparum Nees, *Linnaea* 8: 57. 1883 in obs.
Not Schumach. 1827.

Guinea

Panicum Voeltzkowii Mez, *Bot. Jahrb. Engler* 57: 187.
1921.

"Madagascar: (Voeltzkow n. 321...Boivin 2266)."

Panicum vohitrense Camus, *Bull. Soc. Bot. France*
92: 51. 1945.

"Madagascar orient.: forêt orientale près du Vohitra;
alt. 300 m. (Ferrier de la Bathie, no. 14.014)."
aff. *P. trichoides* Swartz

Panicum vulgare Thuill. *Fl. Par. ed.* 2. 1: 29. 1799.

Cites: "*Panicum germanicum* Moris."

"Habitat in cultis." Paris

= *Setaria*

France

Panicum vulgare Wallr. *Linnaea* 14: 542. 1840; et
Beitr. Fl. Heroyz. 172.

Cites: "Clus. hist. II. 215.--*Setaria germanica* R.
et Schult. - *Panicum germanicum* Fuchs."

= *Setaria*

Panicum vulpinum L. *Amen. Acad.* 4: 134. 1759.

"*Gramen cariosum vulpinum*" of Herbarium Amboinense.

East Indies

= "*Setaria flava* Kth."

Merrill

Panicum vulpinum Willd. *Enum. Hort. Berol.* 1031. 1809.
Not L. 1759.

"Habitat in Canariis." Canary Isls.

= *Permisetum*

Panicum vulpisetum Lam. *Encycl.* 4: 735. (err. typ.
745.) 1798.

"Ce beau panic croît à Saint-Domingue, ou il a été
recueilli par le citoyen Dutronc (V. s. in herb. D.
Desfontaines)."

= *Setaria vulpiseti* (Lam.) Boem. & Schult.

Man. W. I.

Panicum Walkeri Steud. *Syn. Fl. Glum.* 1: 97. 1854.

"(in Hrbo. Wight nr. 2046 sub *Isachne*)"

.... "Ind. or. Ceylon."

Basis of *Isachne walkeri* (Steud.) Wight & Arn. ex
Hook.f.

Panicum Wallichianum Wight & Arn. in Wight, *Cat. no.*
1807, *Herb.* 3085, nom. nud.

see Nees *Fl. Afr. Austr.* 49. 1841 and Nees in Steud.
Syn. Fl. Glum. 1: 41. 1854. and *Digitaria Wallichia-*
ana (Wight & Arn.) Stapf in *Henr. Monogr. Digitaria*
797. 1950.

Panicum Wallichianum Nees, *Fl. Afr. Austr.* 49. 1841;

as syn. of *Panicum nepalense* var. β "Herb. Wight."

Nees in Steud. *Syn. Fl. Glum.* 1: 41. 1854.

"Penins. Ind. Or." no specimens cited.

Basis of *Digitaria wallichiana* (Nees) Stapf in *Frain,*
Pl. Trop. Afr. 9: 436. 1919.

Henr. (Monogr. *Digitaria* 797. 1950) cites "Wight &
Arnott" Stapf.
Wight & Arn. in Wight, *Cat.* is nom. nud.; name pub-
lished in Nees in Steud. 1854.

Panicum walteri Pursh, *Fl. Amer. Sept.* 1: 66. 1814.

Based on "*P. hirtellum* Walt."

South Carolina

= *Echinochloa walteri* (Pursh) Heller

Man. U.S.

Panicum Walteri Ell. *Bot. S. C. & Ga.* 1: 115. 1816.
Not Pursh 1814.

"--6½ miles from Savannah, on the Ogeechee road."

Georgia

= *P. hemitonum* Schult. Man. U. S.

Panicum Walteri Muhl. *Descr. Gram.* 108. 1817.
Not Pursh, 1814.

No loc. nor specimen cited.

Probably Georgia

Specimen in Muhl. herb. = *P. hemitonum* Schult.

Man. U.S.

Panicum walteri var. *molle* (Vasey) Porter, *Bull. Torrey*
Club 20: 194. 1893.

Presumably *P. latifolium* var. *molle* Vasey.

Virginia to La.

= *P. bosell* var. *molle* Hitchc. & Chase
Man. U. S.

Panicum waltheri Poir. in Lam. Encycl. Suppl. 4: 282.
1816. Not Pursh, 1814.

Based on *P. latifolium* as described by Michx. Fl.
Bot. Amer. 1. page 49. --Not L.

= *P. bosonii* Poir. Man. U. S.
Virginia & Carolina

Panicum warburgii Mez in Perkins, *Fragm. Fl. Phil.*
2: 143. 1904.

"Luzon Isl. (Warburg no. 12737, 11632);
Mindanao Isl. (Warburg no. 14542)."

Basis of *Cyrtococcum warburgii* (Mez) Stapf 1922 and
of *C. patens* var. *warburgii* (Mez) Reeder.
Philippines

Panicum warmingii Mez, Bot. Jahrb. Engler 56(Beibl. 125):
1. 1921.

"Brasilien, Minas Geraes (Warming)
= *P. pantrichum* Hack.

Panicum watense Mez, Bot. Jahrb. Engler 34: 146. 1904.

"Senegambien, auf überschwemmten Flächen bei Wato
(Leprieur)."
not in Stapf
Africa

Panicum webberianum Nash, Bull. Torrey Club 23: 149.
1896.

"Collected by the writer [Nash] at Eustis Lake Co.,
Florida, May 16-31, 1894, No. 781."
Man. U. S.

Panicum wernerii Scribn. in Britt. & Brown, *Illustr. Fl.*
3: 501. f. 268b. 1898.

"Dry knolls in swamps, New York and Ohio" Type:
Werner, Painesville, O. 1889, no. 60.
Man. U. S.

Panicum wettsteinii Hack. *Ergeb. Bot. Exped. Akad. Wiss.*
Südbr. 12. 1906; *Denkschr. Akad. Wiss. Math.*
Naturw. (Wien) 79: 73. 1908.

"São Paulo, Prope S. Bernardo in districtu urbis S.
Paulo" 800 m. sm." S. Brasil. Wettstein & Schiffner
T

Panicum whiteanum Domin, *Bibl. Bot.* 85: 305. 1915.

"Nordost-Queensland: Cape False bei Yarraba (Domin,
I. 1910). Claro C. White Brisbanei dedico."
Australia

Panicum whitei Black, *Trans. & Proc. Royal Soc. South*
Austral. 41: 632. pl. 39. 1917.

"Strzelecki Creek, south-west of Innamincka; Cooper
Creek, at Cuttupirrie corner. [Coll. White]
Australia

Panicum wightianum Arn. & Nees ex Nees, *Fl. Afr. Austr.*
30. 1841, as syn. of *Pan. wightii* Nees

So. Africa
= *Brachiaria eruciformis*!

Panicum wightii Nees, *Fl. Afr. Austr.* 29. 1841.

"In graminosis vallis ad Oekau alt. 500-1000',
(Drège)"

Africa
= *Brachiaria eruciformis*!

Panicum wilcoxianum Vasey, U. S. Dept. Agr. Div. Bot.
Bull. 8: 32. 1889.

"Nebraska [Fort Niobrara] (Dr. T. E. Wilcox)," in
1888.
Man. U. S.

Panicum Willdenowii Steud. *Nom. Bot. ed. 2. 2: 265.*
1841.

Based on "*Setaria luxurians* Willd."
Ind. Or.

Panicum Williamsii Hance, *Ann. Sci. Nat. V. 5: 250.*
1866.

"Prope Peking, ...coll. cl. Doctor S. W. Williams.
(Herb. propr., no. 11458.)." China

= *Arundinella anomala* Steud. fide Keng

Panicum Wilmingtonense Ashe, *Journ. Elisha Mitchell*
Soc. 16: 86. 1900.

"The type material collected in May, 1899 on the sand
hills near Wilmington, N. C., is preserved in my
herbarium." Ashe
Man. U. S.

Panicum wrightianum Scribn. U. S. Dept. Agr. Div.
Agrost. Bull. 11: 44. f. 4. 1898.

[Vuelatabajo] "Cuba (No. 3463, C. Wright, 1865)."
Man. U. S.

Panicum wurdackii Swallen, *Mem. N.Y. Bot. Gard.*
9: 401. 1957.

Type: locally frequent, scrub forest near Summit
Camp, Central Section, Chimantá Massif, alt. 1925 m,
Bolívar, Venezuela, February 2, 1955, Julian A.
Steyermark & John J. Wurdack 351 (U.S. 2,182,119).

Panicum xalapense H.B.K. *Nov. Gen. & Sp.* 1: 103. 1815.

"Crescit in regno Mexicano prope Xalapa et montem
Maoultepec, regione temperata, alt. 680 hexap."
Humb. & Bonpl.
Man. U. S.

Panicum xalapense [var.] *strictirameum* Hitchc. & Chase,
Contr. U. S. Nat. Herb. 15: 161. f. 148. 1910.

"U.S. National Herbarium no. 558449, ---Jackson,
Miss., A. S. Hitchcock (no. 1311)."
Man. U. S.

Panicum xantholeucum Hack. ex Schinz, *Verh. Bot. Ver.*
Brand. 30: 141. 1888.

"Standort: Olukonda im Ondonga Stamm (Amboland)."
Afr.

Schinz
T

= *Brachiaria xantholeuca* (Hack.) Stapf

Panicum xanthophysum A. Gray, *Gram. & Cyp.* 1: no. 28.
1834.

"Pine Plains, near Oneida Lake, New York."

Man. U. S.

Panicum xanthophysum f. *amplifolium* Scribn. in Brainerd,
Jones & Eggleston, *Fl. Vt.* 104. 1900.

"Dry sandy soil, Burlington, Vt., L. R. Jones [34]
collector, August 31, 1893."
= *P. xanthophysum* Gray Man. U. S.

Panicum xanthorrhizum Steud. *Syn. Fl. Glum.* 1: 59. 1854.

"Hrbr. Goering Sect. II. nr. 153. Java ? an
Japonia."

Panicum xanthospermum Scribn. & Mohr, *Contr. U. S. Nat.*
Herb. 6: 348. 1901.

"Type specimen collected by Dr. Charles Mohr in open
sandy soil, Greenville, Butler County, Ala., May 8,
1898."
T

= *P. villosissimum* Nash. Man. U. S.

Panicum xanthotrichum Hack. *Oesterr. Bot. Zeitschr.*
51: 333. 1901.

(Digitaria)

"Africa centralis. Djur, leg. Schweinfurth, nr. 2380
T

= *Digitaria xanthotricha* (Hack.) Stapf.

Panicum xerophilum (Hillebr.) Hitchc. *Mem. Bishop. Mus.*
8: 193. 1922.

Based on *Panicum nephelophilum* var. *xerophilum*
Hillebr.

Oahu, Lanai, Maui, Maalaea
Hawaiian Is.

Panicum Yakinense Ashe, *Journ. Elisha Mitchell Soc.*
16: 85. 1900.

Based on "*P. maculatum* Ashe, not *P. maculatum* Aubl."
Raleigh, N. C., Ashe.
Man. U. S.

Panicum zambia Vanderyst, *Bull. Agr. Congo Belge* 10: 248.
1919, without descr.; *Etude Agrost. Agr. Trop.* 57.
1921.

"Bas et Moyen-Congo et Kwilu: Nyungu... (Nos. 3229
3184); Kisanu... (no. 4553); Thysville (no. 4411)."
[Vanderyst, Coll.]

Congo-Africa

Not in Stapf

Panicum zelayense (H.B.K.) Steud. *Nom. Bot. ed. 2.*
2: 265. 1841.

Based on "*Oplismenus zelayensis* H.B.K."

= *Echinochloa orugalli* var. *zelayensis* (H.B.K.)
Hitchc.

Mex. prope Zelaya, Queretaro et Patzcuaro.
Humb. & Bonpl.

Panicum Zenkeri Schum. *Bot. Jahrb. Engler* 24: 330. 1898.

"Kamerungebiet: Yaundestation, auf feuchten Plätzen
unter Baumurche (Zenker n. 542....)" [Africa]

= *P. griffonii* Franch. fide Stapf. p. 691.

Panicum Zenkowskii Rupr. *Ind. Sem. Hort. Petrop.* 1853;
described in *Schlechtendal, Linnaea* 27: 477. 1854.

"h. Petrop. ind. sem. a. 1853."

[plantas hortenses Halae Saxorum]

see *Echinochloa zenkowskii* Rupr. in Schlecht.

Panicum zenkowskii Rupr. in Schlecht. *Linnaea* 27: 477.
1854.

Presumably based on *Echinochloa zenkowskii* Regel.
Ind. Sem. Hort. Petrop. 1853 [not seen] see card
for *Echinochloa zenkowskii*

Cult. in Halle, Germany

Panicum Zeyheri Nees, *Fl. Afr. Austr.* 25. 1841.

(\S Digitaria) basis of *Digitaria Zeyheri* Henr.

"In ripa arenosa fluvii Basche alt. 500', (Drège)."

Africa

Panicum zizanioides H.B.K. *Nov. Gen. & Sp.* 1: 100. 1815.

"Crescit in calidissimis regni Novogranatensis, in
ripa fluminis Magdalenae, inter Borjorque et Los
Faxarales de Sogemozo, alt. 130 hexap."
Humb. & Bonpl.

Colombia

Panicum zizanioides var. *microphyllum* Doell in Mart.
Fl. Bras. 26: 229. 1877.

"----inter frutices montium Serra d'Estrella (Beyrich)

Brazil

Panicum Zollingeri Steud. Syn. Fl. Glum. 1: 96. 1854.

"Zollinger Hrbr. nr. 880. Java."

Panicum zonale Cuss. Fl. Sic. Prodr. 1: 62. 1827.

Sicily

= *Echinochloa colonum* Man. U. S.

Pantathera avenacea Hemsl. Bot. Voy. Challeng. pl. 61.
1885. with expl. of plate.

= *Megalachne*

Drawn from specimen in Kew Herbarium from Juan
Fernandez, Chile.

Collected by Mr. Moseley

Pantathera fernandeziana Phil. Bot. Zeit. 14: 649. 1856.

"Juan Fernandez" R. A. Philippi
T

= *Megalachne*

